



**SERIES  
P-PL-PE**

**1.0 Riduttori - motoriduttori paralleli - pendolari**  
**1.0 Shaft gearboxes - shaft mounted gearboxes and geared motors**  
**1.0 Flach- und Aufsteckgetriebe und-Getriebemotoren**

**P**

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- 1.2 Designazione
- 1.4 Lubrificazione
- 1.5 Carichi radiali e assiali
- 1.6 Prestazioni riduttori
- 1.7 Prestazioni motoriduttori
- 1.8 Dimensioni
- 1.9 Accessori

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- Designation*
- Lubrication*
- Axial and overhung loads*
- Gearboxes performances*
- Gearmotors performances*
- Dimensions*
- Accessories*

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Questi prodotti sicuramente colpiscono per la robustezza, dovuta alla realizzazione della carcassa in struttura monolitica, che abbinata alla scelta tecnica di avere solo PAM diretti più compatti, collocano il prodotto finito in una alta fascia qualitativa e prestazionale: risultano quindi perfetti per applicazioni quali traslazione carrello e scorrimento ponte.

Il riduttore a passo lungo per le applicazioni che necessitano di avere il motore e l'applicazione nello stesso lato: il risultato è un'installazione semplice ed estremamente versatile, per molteplici applicazioni quali coclee, mescolatori e sollevamenti. La progettazione di questa serie di riduttori è stata impostata su una struttura monolitica di straordinaria rigidità. Questo permette l'applicazione di carichi elevati senza rischi di deformazione, che ne comprometterebbero le prestazioni.

Il prodotto viene ottenuto utilizzando la serie dei riduttori P, combinati in ingresso con un riduttore epicicloidale con due stadi di riduzione, ottenendo così un riduttore a 4 stadi con la prospettiva di spingere la disponibilità dei rapporti di riduzione ben oltre i limiti delle serie P e PL. Questo consente di realizzare rapporti di riduzione altissimi, in una struttura estremamente rigida, compatta e con ingombri radiali addirittura inferiori alla serie PL.

Il risultato è la combinazione di tutti i pregi della serie P: la robusta struttura monolitica, la semplicità dell'installazione con la peculiarità di poter disporre di rapporti di riduzione straordinariamente alti.

Questi riduttori rappresentano una risposta a tutte quelle applicazioni quali: coclee, mescolatori, sollevamenti, traslazioni, in cui siano necessarie movimentazioni particolarmente lente.

*These products strike for the robustness due to the realization of the housing in monolithic structure which, combined to the technical choice to have only direct IEC flange most compact, put the final product in a very high qualitative and performance band.*

*This extended center distance gearbox is specifically intended for who need to have the engine and the application on the same side: the result is a very flexible and easy to install unit particularly suitable for a wide range of applications such as screw conveyors, mixers and winch/drum lifting drives. The design of this range of gear units is based on one body piece casting giving increased rigidity. This allows to apply high loads without risks of deformation which might negatively affect technical performances.*

This product is created using our P series gearbox, combined with 2 planetary reduction stages on the input therefore providing a 4-stage gearbox, increasing the available reduction ratios well beyond the limits of the P and PL series.

This allows us to achieve very high reduction ratios, in an extremely rigid structure which is compact, and with radial dimensions even lower than the PL series. The result is the combination of the advantages of the P series: the robust monolithic structure, and easy installation with the peculiarity of having extremely high reduction ratios.

These gearboxes represent a response to applications such as screw conveyors, mixers, lifts, and displacements, where particularly slow handling is required..

Diese neuen Produkte beindrucken sicherlich durch ihre Stärke, basierend auf einem monolithischen Gehäuse in Verbindung mit der technischen Entscheidung nur direkte massive PAM zu verwenden, und führen somit zu einem hochwertigen und leistungsstarken Endprodukt.

Das Getriebe mit langem Radstand ist für Anwendungen, bei denen der Motor und die Anwendung auf der gleichen Seite sein müssen: das Ergebnis ist eine einfache und sehr vielfältige Installation für eine Vielzahl von Anwendungen wie Förderschnecken, Mischer und Hebeeinrichtungen. Das Design dieser Getriebeserie basiert auf einer monolithischen Struktur mit außergewöhnlicher Steifigkeit. Hierdurch werden Anwendungen mit hohen Belastungen ermöglicht, ohne die Gefahr einer Verformung, welche die Leistungen beeinträchtigen würde.

Dieses Produkt entsteht durch eine Kombination der P-Serie und einem im Eingang platzierten zweistufigen Planetengetriebe, hierdurch entsteht ein Getriebe mit 4 Untersetzungsstufen, welches Untersetzungsverhältnisse weit über die Grenzen der P und PL-Serie schafft.

Dies ermöglicht sehr hohe Untersetzungsverhältnisse bei weiterhin außergewöhnlich steifer und kompakter Bauweise. Zudem sind die radialen Abmessungen, noch geringer als bei der PL-Serie.

Das Ergebnis ist die Kombination aus den Vorteilen der P-Serie, die robuste monolithische Bauweise, die einfache Installation mit der Besonderheit, außergewöhnlich hohe Untersetzungsverhältnisse generieren zu können.

Das Ergebnis ist ein Getriebe, welches sich hervorragend für alle Anwendungen wie Schnecken, Mischer, Hebezeuge und für Übersetzungen bei denen besonders langsame Bewegungen nötig sind, eignet.



1.2 Designazione

1.2 Designation

1.2 Bezeichnung



Riduttori - motoriduttori paralleli - pendolari P  
Shaft gearboxes - shaft mounted gearboxes and geared motors P  
Flach- und Aufsteckgetriebe und-Getriebemotoren P



| Maschine | Product Series | Input Version | Output version | Size  | N° of reductions | Output Flange            | Output Shaft  | Shaft Diameter  | Mounting Shaft | Rotation Sense BSTOP | Cooling fan   | Reduction ratio        | Input Shaft               | Designation Motors | Mounting positions               | Position Terminal Box |
|----------|----------------|---------------|----------------|---|------------------|--------------------------|---|---|----------------|----------------------|---------------|------------------------|---------------------------|--------------------|----------------------------------|-----------------------|
| 00 M     | 01 SERIE S     | 02 IV         | 03 OV          | 04 SIZE   | 05 NOR           | 06 OF                    | 07 OS   | 08 SD   | 09 MS          | 10 RS BSTOP          | 11 CF         | 12 IR                  |                           | 13 IS              | 14 MP                            | 16 PMT                |
| P        | —              | M<br>R<br>C   | P<br>F         | 63<br>71<br>80<br>90<br>100<br>112<br>125<br>132<br>150<br>170<br>190 | 2<br>3           | —<br>F1<br>F2<br>F3<br>P | —<br>C<br>N<br>B<br>D<br>DB<br>CD<br>FD<br>FDB<br>QL<br>L | —<br>No indications standard diameter<br>Ø...<br>Optional hollow shaft diameter | —<br>S         | —<br>O<br>A          | —<br>VB<br>VN | See performance tables | —<br>80B5<br>80B14<br>... | —<br>Look CT 18    | M1<br>M2<br>M3<br>M4<br>M5<br>M6 | 1<br>2<br>3<br>4      |



Riduttori - motoriduttori paralleli - pendolari Lunghi PL  
Shaft gearboxes - shaft mounted gearboxes Long version PL  
Flach- und Aufsteckgetriebe und-Getriebemotoren PL



| Maschine | Product Series | Input Version | Output version | Size   | N° of reductions | Output Flange             | Output Shaft  | Shaft Diameter  | Mounting Shaft | Rotation Sense BSTOP | Cooling fan | Reduction ratio        | Input Shaft               | Designation Motors | Mounting positions               | Position Terminal Box |
|----------|----------------|---------------|----------------|--|------------------|---------------------------|---|---|----------------|----------------------|-------------|------------------------|---------------------------|--------------------|----------------------------------|-----------------------|
| 00 M     | 01 SERIE S     | 02 IV         | 03 OV          | 04 SIZE  | 05 NOR           | 06 OF                     | 07 OS   | 08 SD   | 09 MS          | 10 RS BSTOP          | 11 CF       | 12 IR                  |                           | 13 IS              | 14 MP                            | 16 PMT                |
| P        | L              | M<br>R<br>C   | P              | 25<br>45<br>65<br>85<br>95<br>105<br>115<br>125<br>135 | 3<br>4           | —<br>F1<br>F2<br>FA<br>FB | —<br>C<br>N<br>B<br>D<br>DB<br>CD<br>FD<br>FDB<br>QL<br>L | —<br>No indications standard diameter<br>Ø...<br>Optional hollow shaft diameter | —<br>S         | —                    | —           | See performance tables | —<br>80B5<br>80B14<br>... | —<br>Look CT 18    | M1<br>M2<br>M3<br>M4<br>M5<br>M6 | 1<br>2<br>3<br>4      |



Riduttori - motoriduttori paralleli - pendolari PE - con ingranaggio epicicloidale  
Shaft gearboxes - shaft mounted gearboxes and geared motors PE - with planetary gear  
Flach- und Aufsteckgetriebe und-Getriebemotoren PE - mit Planetengetriebe



| Maschine | Product Series | Input Version | Output version | Size                            | N° of reductions | Output Flange       | Output Shaft  | Shaft Diameter  | Mounting Shaft | Rotation Sense BSTOP | Cooling fan | Reduction ratio        | Input Shaft               | Designation Motors | Mounting positions               | Position Terminal Box |
|----------|----------------|---------------|----------------|---------------------------------|------------------|---------------------|---|---|----------------|----------------------|-------------|------------------------|---------------------------|--------------------|----------------------------------|-----------------------|
| 00 M     | 01 SERIE S     | 02 IV         | 03 OV          | 04 SIZE                         | 05 NOR           | 06 OF               | 07 OS   | 08 SD   | 09 MS          | 10 RS BSTOP          | 11 CF       | 12 IR                  |                           | 13 IS              | 14 MP                            | 16 PMT                |
| P        | E              | M<br>R        | P<br>F         | 125<br>132<br>150<br>170<br>190 | 4                | —<br>F1<br>F2<br>F3 | —<br>C<br>N<br>B<br>D<br>DB<br>CD<br>FD<br>FDB<br>QL<br>L | —<br>No indications standard diameter<br>Ø...<br>Optional hollow shaft diameter | —<br>S         | —                    | —           | See performance tables | —<br>80B5<br>80B14<br>... | —<br>Look CT 18    | M1<br>M2<br>M3<br>M4<br>M5<br>M6 | 1<br>2<br>3<br>4      |



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

02 IV - Versione Entrata

IV - Input Version

IV - Antriebsausführung

|            | <b>M</b><br>pre arrangement motor | <b>R</b><br>with solid input shaft | <b>C</b><br>electric motor driven Compact | NOTES  |
|------------|-----------------------------------|------------------------------------|---|--|
| <b>P_</b>  |                                   |                                    |   | <b>Version C</b><br>not available<br>SIZE 80-100-125<br>132-150-170-190                                  |
| <b>P_L</b> |                                   |                                    |   | <b>Version R</b><br>not available<br>SIZE 25-45<br><b>Version C</b><br>not available<br>SIZE 115-125-135 |
| <b>P_E</b> |                                   |                                    | —   | <b>Version C</b><br>not available<br>all SIZES   |

03 OV - Versione Uscita

OV - Output Version

OV - Abtriebsausführung

|            | <b>P</b><br>feet design | <b>F</b><br>fixing flange design | NOTES                                       |
|------------|-------------------------|----------------------------------|---|
| <b>P_</b>  |                         |                                  | —   |
| <b>P_L</b> |                         | —                                | in designation CODE<br>default value is "-" |
| <b>P_E</b> |                         |                                  | —   |

04 SIZE - Grandezza

SIZE - Size

SIZE - Größe

|                    |    |    |    |    |    |     |     |     |     |     |     |     |
|--------------------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| <b>P_</b>          | —  | 63 | 71 | 80 | 90 | 100 | 112 | 125 | 132 | 150 | 170 | 190 |
| <i>Series P</i>    |    |    |    |    |    |     |     |     |     |     |     |     |
| <b>P_L</b>         | 25 | 45 | —  | 65 | —  | 85  | —   | 95  | 105 | 115 | 125 | 135 |
| <i>Series - PL</i> |    |    |    |    |    |     |     |     |     |     |     |     |
| <b>P_E</b>         | —  | —  | —  | —  | —  | —   | —   | 125 | 132 | 150 | 170 | 190 |
| <i>Series - PE</i> |    |    |    |    |    |     |     |     |     |     |     |     |



1.2 Designazione

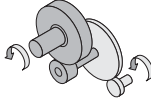
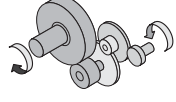
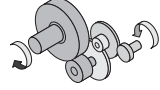
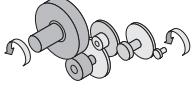

1.2 Designation

1.2 Bezeichnung

05 NOR - N° Stadi

NOR - N° of reductions

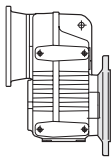
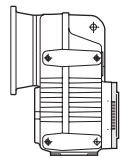
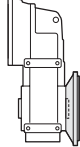
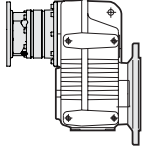
NOR - N° Anzahl der stufen

|     | 2<br>N° 2 stages reductions  | 3<br>N° 3 stages reductions  | 4<br>N° 4 stages reductions  | NOTES  |
|-----|--|--|--|--|
| P_— | <br>2 - Stage | <br>3 - Stage | —  | 2 stages - available SIZE<br>63-71-80-90-100-112-125<br>132-150-170-190<br>3 stages - available SIZE<br>63-71-90-112 |
| P_L | —  | <br>3 - Stage | <br>4 - Stage  | 3 stages - available SIZE<br>25-45-65-85-95<br>105-115-125-135<br>4stages - available SIZE<br>25-45                  |
| P_E | —  | —  | <br>4 - Stage | 4 stages - available SIZE<br>125-132-150-170-190   |

06 OF - Flangia Uscita

OF - Output Flange

OF - Flansche am Abtrieb

|     | —<br>Without Flange                            | F.<br>Output Flange F.  | P<br>Output Flange P  | NOTES   |
|-----|--|---|---|---|
| P_— | Version with gearbox connection without flange |  |  | —   |
| P_L | Version with gearbox connection without flange |  | —   | Flanges are only available in standard version as shown in the figure all flanges can be modulated except for dimension 65. |
| P_E | Version with gearbox connection without flange |  | —   | —   |





1.2 Designazione

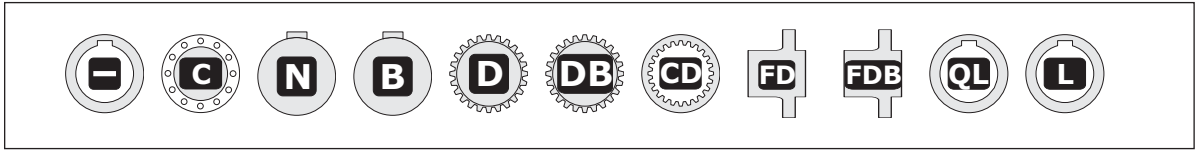
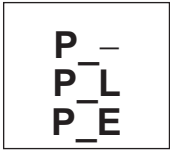
1.2 Designation

1.2 Bezeichnung

07 OS - Estremità uscita

OS - Output shaft

OS - Wellenende - Abtrieb



— Nessuna indicazione = albero forato;  
**C** = albero forato con calettatore  
**N** = Sporgente Integrale  
**B** = albero bisporgente integrale  
**D** = Sporgente Scanalato  
**DB** = Bisporgente integrale Scanalato  
**CD** = Albero forato Scanalato  
**FD** = Flangia brocciata  
**FDB** = Flangia brocciata Bisporgente  
**QL** = Quick Locking  
**L** = Predisposizione "Quick Locking "

— No indication = hollowshaft with keyway  
**C** = hollow shaft with shrink disk  
**N** = Output shaft  
**B** = Double integral output shaft  
**D** = Splined output shaft  
**DB** = Double splined shaft  
**CD** = Splined hollow shaft  
**FD** = Broached flange  
**FDB** = Double broached flange  
**QL** = Quick Locking  
**L** = Adjustment "Quick Locking "

— Keine Angabe = Hohlwelle mit Paßfedernut  
**C** = Hohlwelle mit Schrumpfscheibe  
**N** = Holwelle mit Wellenende  
**B** = Doppeltem Integralwelle  
**D** = Abtriebswelle mit Keilende  
**DB** = Doppelseitig verzahnte Welle  
**CD** = Verzahnte Hohlwelle  
**FD** = Geräumtem Flansch  
**FDB** = Geräumtem Doppelflansch  
**QL** = Quick Locking  
**L** = Vorbereitung "Quick Locking "

**i** \* FD - FDB - Contattare il ns. servizio tecnico / Contact our technical dept / Wenden Sie sich an unseren technischen Service

08 SD - Diametro albero

SD - Shaft diameter

SD - Durchmesser Abtriebswelle

— Nessuna indicazione = diametro standard;  
**diametro opzionale** = vedi tabella.

— No indications = standard diameter;  
**optional diameter** = see table.

— Keine Angabe = Standard-durchmesser  
**Optionaler durchmesser** = siehe Tabelle.

| P_  | P_L | P_E |          |                      |          |               |                                   |                                   |                     |                     |           |          |          |
|-----|-----|-----|----------|----------------------|----------|---------------|-----------------------------------|-----------------------------------|---------------------|---------------------|-----------|----------|----------|
|     |     |     | Standard | Optional             | Standard | Optional      | Standard                          | Optional                          | Standard            | Standard            | Standard  | Standard | Standard |
| —   | 25  | —   | (∅ 20)   | ∅ 24<br>∅ 19         | (∅ 20)   | ∅...          | — (standard)<br>∅...(Optional)    | —                                 | —                   | —                   | —         | —        | —        |
| —   | 45  | —   | (∅ 30)   | ∅ 25                 | (∅ 30)   | not available | (∅ 20 Standard)                   | —                                 | —                   | —                   | —         | —        | —        |
| 63  | —   | —   |          | ∅ 25<br>∅ 28         |          |               | (∅ 30 Standard)                   | (DIN 5482 35 x 31)                | (DIN 5482 28 x 25)  | (DIN 5482 35 x 31)  |           |          |          |
| 71  | —   | —   | (∅ 35)   | ∅ 30<br>∅ 32         | (∅ 35)   |               | (∅ 35 Standard)                   | (DIN 5482 35 x 31)                | (DIN 5482 35 x 31)  | (DIN 5482 35 x 31)  |           |          |          |
| —   | 65  | —   | (∅ 35)   | ∅ 30                 | (∅ 35)   |               | (∅ 35 Standard)                   | (DIN 5482 40 x 36)                | (DIN 5482 35 x 31)  | (DIN 5482 40 x 36)  |           |          |          |
| 80  | —   | —   | (∅ 32)   | ∅ 30<br>∅ 35         | (∅ 35)   |               | (∅ 32 Standard)                   | (DIN 5482 40 x 36)                | (DIN 5482 35 x 31)  | (DIN 5482 40 x 36)  |           |          |          |
| 90  | —   | —   | (∅ 40)   | ∅ 42<br>∅ 45<br>∅ 48 | (∅ 40)   |               | (∅ 40 Standard)                   | (DIN 5482 40 x 36)                | (DIN 5482 40 x 36)  | (DIN 5482 40 x 36)  |           |          |          |
| 100 | 85  | —   | (∅ 45)   | ∅ 40<br>∅ 50         | (∅ 45)   |               | (∅ 45 Standard)                   | (DIN 5482 58 x 53)                | (DIN 5482 45 x 41)  | (DIN 5482 58 x 53)  |           |          |          |
| 112 | —   | —   | (∅ 50)   | ∅ 55                 | (∅ 50)   |               | (∅ 50 Standard)                   | (DIN 5482 58 x 53)                | (DIN 5482 50 x 45)  | (DIN 5482 58 x 53)  |           |          |          |
| 125 | 95  | 125 | (∅ 55)   | ∅ 50<br>∅ 60         | (∅ 55)   |               | (∅ 55 Standard)                   | (DIN 5482 70 x 64)                | (DIN 5482 55 x 50)  | (DIN 5482 70 x 64)  |           |          |          |
| 132 | 105 | 132 | (∅ 60)   | ∅ 70                 | (∅ 60)   |               | ∅70                               | (∅ 60 Standard)<br>∅70 (Optional) | (FIAT 70)           | (DIN 5482 70 x 64)  | (FIAT 70) |          |          |
| 150 | 115 | 150 | (∅ 70)   | ∅ 80                 | (∅ 70)   | ∅80           | (∅ 70 Standard)<br>∅80 (Optional) | (FIAT 80)                         | (DIN 5482 80 x 74)  | (FIAT 80)           |           |          |          |
| 170 | 125 | 170 | (∅ 90)   | not available        | (∅ 90)   | not available | (∅ 90 Standard)                   | (FIAT 95)                         | (DIN 5482 90 x 84)  | (FIAT 95)           |           |          |          |
| 190 | 135 | 190 | (∅ 100)  | not available        | (∅ 100)  | not available | (∅ 100 Standard)                  | (DIN 5480 105 x 80)               | (DIN 5482 100 x 94) | (DIN 5480 105 x 80) |           |          |          |



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

08SD - Diametro albero

SD - Shaft diameter

SD - Durchmesser Abtriebswelle

diametro = vedi tabella.

diameter = see table.

Durchmesser = siehe Tabelle.

| P_  | P_L | P-E |   |  |
|-----|-----|-----|---|--|
| 71  | —   | —   | ∅ 20 - ∅ 25 - ∅ 30                                    | Contattare nostro ufficio tecnico commerciale<br>Please, contact our technical sales dept.<br>Bitte setzen Sie sich mit unserer technischen<br>Abteilung in Verbindung |
| 80  | —   | —   | ∅ 20 - ∅ 25 - ∅ 30                                    |  |
| 90  | —   | —   | ∅ 25 - ∅ 30 - ∅ 35 - ∅ 38 - ∅ 40 - ∅ 42 - ∅ 45 - ∅ 48 |  |
| 100 | 85  | —   | ∅ 25 - ∅ 30 - ∅ 35 - ∅ 38 - ∅ 40 - ∅ 42 - ∅ 45 - ∅ 48 |  |
| 112 | —   | —   | ∅ 30 - ∅ 35 - ∅ 40 - ∅ 45 - ∅ 50                      |  |
| 125 | 95  | 125 | ∅ 35 - ∅ 40 - ∅ 45 - ∅ 48 - ∅ 50 - ∅ 55               |  |
| 132 | 105 | 132 | ∅ 40 - ∅ 45 - ∅ 50 - ∅ 55 - ∅ 60 - ∅ 65               |  |
| 150 | 115 | 150 | ∅ 45 - ∅ 50 - ∅ 55 - ∅ 60 - ∅ 65 - ∅ 70 - ∅ 75        |  |
| 170 | 125 | 170 | ∅ 55 - ∅ 60 - ∅ 65 - ∅ 70 - ∅ 75 - ∅ 80               |  |
| 190 | 135 | 190 | ∅ 70 - ∅ 75 - ∅ 80 - ∅ 85 - ∅ 90                      |  |

| these output shafts for these ratios are not available |                        |                            |
|--|------------------------|----------------------------|
| P_100  | only for diameter ∅ 50 | ratio 61,8                 |
| P_190  | all diameter           | ratios 28,6 - 31,5 - ,34,9 |
| P_L_135  | all diameter           | ratios 221,2 - 245,1       |

09MS - Posizione Albero

MS - Mounting Shaft

MS - Montageposition Welle

— Nessuna indicazione = lato destro (standard);  
S = lato sinistro, montaggio dalla parte opposta (opzionale).

— No indication (standard) = on right side;  
S = on left side, on the opposite.

— Keine Angabe (Standard) = rechts;  
S = links.

|  |   |  |   |   |  |   |   |
|--|---|--|---|---|--|---|---|
|  |   |  |   |   |  |   |   |
|  | S |  | — | S |  | — | S |
|  | S |  | — | S |  | — | S |
|  | S |  | — | S |  | — | S |
|  | S |  | — | S |  | — | S |
|  | S |  | — | S |  | — | S |



**1.2 Designazione**

**10 RSBSTOP** - Senso di rotazione (valido solo se richiesto dispositivo antiretro)

**O** = ORARIO (il riduttore può ruotare solo in senso orario visto dal lato destro come in figura);  
**A** = ANTIORARIO.

**1.2 Designation**

**RSBSTOP** - Rotation sense (only necessary for solution with backstop device)

**O** = CLOCKWISE (looking at the gearbox from the perspective shown below).  
**A** = ANTICLOCKWISE.

**1.2 Bezeichnung**

**RSBSTOP** - Drehrichtung (Nur bei Ausführung mit Rücklauf Sperre)

**O** = im Uhrzeigersinn (bei Betrachtung des Getriebes aus der unten dargestellten Perspektive);  
**A** = Gegen den Uhrzeigersinn.

|            | —                           | <b>O</b>  | <b>A</b>      | NOTES                              |
|------------|-----------------------------|-----------|---------------|------------------------------------|
|            | Standard - Without Backstop | CLOCKWISE | ANTICLOCKWISE |                                    |
| <b>P_—</b> | —                           |           |               | available SIZE<br>63-71-90-112-125 |
| <b>P_L</b> | —                           | —         | —             | Standard - Without Backstop        |
| <b>P_E</b> | —                           | —         | —             | Standard - Without Backstop        |

**11 CF - Ventole di raffreddamento**

**A Richiesta** - Sono normalmente applicate su riduttori con un solo senso di rotazione. Indicare nella richiesta il senso di rotazione riferendosi all'albero veloce (freccia nera - **VN** e freccia bianca **VB**)

**CF - Cooling fans**

**On Request** - They are usually applied on gearboxes with one direction of rotation. Specify the required direction of rotation referring to input shaft (black arrow - **VN** and white arrow - **VB**)

**CF - Kühllüfterräder**

**Auf Anfrage** - Sie werden üblicherweise bei Getrieben mit einer Drehrichtung verwendet. Geben Sie die gewünschte Drehrichtung in Bezug auf die Antriebswelle an (schwarzer Pfeil - **VN** und weißer Pfeil **VB**)

|            | —                      | <b>VB</b>                               | <b>VN</b>                               | NOTES                     |
|------------|------------------------|---|---|---------------------------|
|            | Standard - Without FAN | one direction of rotation - white arrow | one direction of rotation - black arrow |                           |
| <b>P_—</b> | —                      |   |   | available SIZE<br>170-190 |
| <b>P_L</b> | —                      | —                                       | —                                       | Standard - Without FAN    |
| <b>P_E</b> | —                      | —                                       | —                                       | Standard - Without FAN    |

**12 IR- Rapporto di riduzione**

(Vedi prestazioni). Tutti i valori dei rapporti sono approssimati. Per applicazioni dove necessita il valore esatto consultare il ns. servizio tecnico.

**IR - Reduction ratio**

(See ratings). Ratios are approximate values. If you need exact values for a specific application, please contact our Engineering.

**IR - Übersetzungsverhältnis**

(Siehe "Leistungen"). Bei allen Werten der Übersetzungen handelt es sich um approximative Wertangaben. Bei Applikationen, bei denen die exakte Wertangabe erforderlich ist, muss unser Technischer Kundendienst konsultiert werden.



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

|    |   |                |  |  |
|----|---|----------------|--|--|
| 13 | IS - Albero Entrata<br>IS - Input shaft<br>IS - Antriebswelle | <b>P _ _ M</b> |  |  |
|----|---|----------------|--|--|

| Possible couplings with IEC motors |                                     |   |     |             |   |
|------------------------------------|-------------------------------------|---|-----|-------------|---|
| SIZE                               | NOR                                 | CF  | IR  | IS          |   |
| 63                                 | 2                                   | —   | All | 112         | 28/250 (B5) - 28/160 (B14)                          |
|                                    |                                     |   |     | 100         | 28/250 (B5) - 28/160 (B14)                          |
|                                    |                                     |   |     | 90          | 24/200 (B5) - 24/140 (B14) 24/160 - 24/120          |
|                                    |                                     |   |     | 80          | 19/200 (B5) - 19/120 (B14) 19/160 - 19/140          |
|                                    | 71                                  |   |     | 14/160 (B5) |   |
|                                    | 63                                  |   |     | 11/140 (B5) |   |
|                                    | 3                                   |   |     | 80          | 19/200 (B5) - 19/120 (B14) 19/160 - 19/140          |
|                                    |                                     |   |     | 71          | 14/160 (B5)   |
| 63                                 |                                     | 11/140 (B5)                                   |     |             |   |
| 71                                 |                                     | 2   | —   | All         | 112   |
|                                    | 100                                 |   |     |             | 28/250 (B5) - 28/160 (B14) 28/200 - 28/140 - 28/120 |
|                                    | 90                                  |   |     |             | 24/200 (B5) - 24/140 (B14) 24/250 - 24/160 - 24/120 |
|                                    | 80                                  |   |     |             | 19/200 (B5) - 19/120 (B14) 19/250 - 19/160 - 19/140 |
|                                    | 71                                  | 14/160 (B5) 14/250 - 14/200 - 14/140 - 14/120 |     |             |   |
|                                    | 90                                  | 24/200 (B5) - 24/140 (B14) 24/160 - 24/120    |     |             |   |
|                                    | 3                                   | 80  |     |             | 19/200 (B5) - 19/120 (B14) 19/160 - 19/140          |
|                                    |                                     | 71  |     |             | 14/160 (B5) 14/200 - 14/140 - 14/120                |
| 63                                 |                                     | 11/140 (B5)                                   |     |             |   |
| 80                                 |                                     | 2   | —   | All         | 132   |
|                                    | 112                                 |   |     |             | 28/250 (B5) - 28/160 (B14) 28/200 - 28/140 - 28/120 |
|                                    | 100                                 |   |     |             | 28/250 (B5) - 28/160 (B14) 28/200 - 28/140 - 28/120 |
|                                    | 90                                  |   |     |             | 24/200 (B5) - 24/140 (B14) 24/250 - 24/160 - 24/120 |
|                                    | 80                                  |   |     |             | 19/200 (B5) - 19/120 (B14) 19/250 - 19/160 - 19/140 |
| 90                                 | 2                                   | —   | All | 132         | 38/300 (B5) - 38/200 (B14) - 38/250                 |
|                                    |                                     |   |     | 112         | 28/250 (B5) - 28/160 (B14) 28/200 - 28/140 - 28/120 |
|                                    |                                     |   |     | 100         | 28/250 (B5) - 28/160 (B14) 28/200 - 28/140 - 28/120 |
|                                    |                                     |   |     | 90          | 24/200 (B5) - 24/140 (B14) 24/250 - 24/160 - 24/120 |
|                                    |                                     |   |     | 80          | 19/200 (B5) - 19/120 (B14) 19/250 - 19/160 - 19/140 |
|                                    | 3                                   |   |     | 112         | 28/250 (B5) - 28/160 (B14)                          |
|                                    |                                     |   |     | 100         | 28/250 (B5) - 28/160 (B14)                          |
|                                    |                                     |   |     | 90          | 24/200 (B5) - 24/140 (B14) 24/160 - 24/120          |
|                                    |                                     |   |     | 80          | 19/200 (B5) - 19/120 (B14) 19/160 - 19/140          |
|                                    |                                     |   |     | 71          | 14/160 (B5) 14/200 - 14/140 - 14/120                |
| 100                                | 2                                   | —   | All | 180         | 48/350 (B5) - 48/300 - 48/250                       |
|                                    |                                     |   |     | 160         | 42/350 (B5) - 42/300 - 42/250                       |
|                                    |                                     |   |     | 132         | 38/300 (B5) - 38/350 - 38/250                       |
|                                    |                                     |   |     | 112         | 28/250 (B5) - 28/350 - 28/300                       |
|                                    |                                     |   |     | 100         | 28/250 (B5) - 28/350 - 28/300                       |
| 112                                | 2                                   | —   | All | 180         | 48/350 (B5) - 48/300 - 48/250                       |
|                                    |                                     |   |     | 160         | 42/350 (B5) - 42/300 - 42/250                       |
|                                    |                                     |   |     | 132         | 38/300 (B5) - 38/350 - 38/250                       |
|                                    |                                     |   |     | 112         | 28/250 (B5) - 28/350 - 28/300                       |
|                                    |                                     |   |     | 100         | 28/250 (B5) - 28/350 - 28/300                       |
|                                    | 3                                   |   |     | 112         | 28/250 (B5)   |
|                                    |                                     |   |     | 100         | 28/250 (B5)   |
|                                    |                                     |   |     | 90          | 24/200 (B5)   |
|                                    |                                     |   |     | 80          | 19/200 (B5)   |
|                                    |                                     |   |     | 125<br>132  | 2   |
| 180 *                              | 48/350 (B5)                         |   |     |             |   |
| 160 *                              | 42/350 (B5)                         |   |     |             |   |
| 132                                | 38/300 (B5) - 38/200 (B14) - 38/250 |   |     |             |   |
| 112                                | 28/250 (B5) - 28/200 - 28/300       |   |     |             |   |
| 100                                | 28/250 (B5) - 28/200 - 28/300       |   |     |             |   |
| 150                                | 2                                   | —   | All | 225 *       | 60/450 (B5)   |
|                                    |                                     |   |     | 200 *       | 55/400 (B5) - 55/450                                |
|                                    |                                     |   |     | 180 *       | 48/350 (B5) - 48/450 - 48/400                       |
|                                    |                                     |   |     | 160 *       | 42/350 (B5) - 42/450 - 42/400                       |
|                                    |                                     |   |     | 132         | 38/300 (B5) - 38/200 (B14) - 38/250                 |
|                                    |                                     |   |     | 112         | 28/250 (B5) - 28/200 - 28/300                       |
|                                    |                                     |   |     | 100         | 28/250 (B5) - 28/200 - 28/300                       |

\* All PAM configurations supplied with ROTEX coupling. Where PAM configuration is marked with an asterisk, see directions (for mounting directions, see section A, paragraph "Installation" - 1.12)



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

|    |   |                |   |   |
|----|---|----------------|---|---|
| 13 | IS - Albero Entrata<br>IS - Input shaft<br>IS - Antriebswelle | <b>P _ _ M</b> |  |  |
|----|---|----------------|---|---|

**Possible couplings with IEC motors**

| SIZE       | NOR | CF       | IR                | IS    |             |
|------------|-----|----------|-------------------|-------|-------------|
| 170<br>190 | 2   | —        | 19.7<br>÷<br>34.9 | 250 * | 65/550 (B5) |
|            |     |          |                   | 225 * | 60/450 (B5) |
|            |     |          |                   | 200 * | 55/400 (B5) |
|            |     |          |                   | 180 * | 48/350 (B5) |
|            |     |          |                   | 160 * | 42/350 (B5) |
|            |     |          |                   | 132 * | 38/300 (B5) |
|            |     | VB<br>VN | 4.6<br>÷<br>25.8  | 280 * | 75/550 (B5) |
|            |     |          |                   | 250 * | 65/550 (B5) |
|            |     |          |                   | 225 * | 60/450 (B5) |
|            |     |          |                   |       |             |

\* All PAM configurations supplied with ROTEX coupling. Where PAM configuration is marked with an asterisk, see directions (for mounting directions, see section A, paragraph "Installation" - 1.12)

Nella tab. sono riportate le grandezze motore accoppiabili (IEC) unitamente alle dimensioni albero/flangia motore standard

In table the possible shaft/flange dimensions IEC standard are listed.

In Tabelle sind die möglichen Welle/Flansch-Abmessungen IEC-Standard aufgelistet.

Legenda:  
11/140 (B5): combinazioni albero/flangia standard  
11/120 : combinazioni albero/flangia a richiesta

Key:  
11/140 : standard shaft/flange combination  
11/120 : shaft/flange combinations upon request

Legende:  
11/140 : Standardkombinationen Welle/Flansch  
11/120 : Sonderkombinationen Welle/Flansch



**Posizione morsetti - Vedere - 16 - PMT - Pagina E13**  
**Terminal board position - Look - 16 - PMT - Page E13**  
**Lage des Klemmenkastens - Siehe - 16 - PMT - Auf Seite E13**

|  |   |   |
|--|---|---|
| Designazione motore elettrico<br>Se è richiesto un motoriduttore completo di motore è necessario riportare la designazione di quest'ultimo.<br>A tale proposito consultare il ns. catalogo dei motori elettrici Electronic Line. | Electric motor designation<br>For applications requiring a gearmotor, motor designation must be specified. To this end, please refer to our Electronic Line electric motor catalogue. | Bezeichnung des Elektromotors<br>Wird ein Getriebemotor komplett mit Elektromotor angefordert, müssen dessen Daten angegeben werden.<br>Diesbezüglich verweisen wir auf unseren Katalog der Elektromotoren "Electronic Line". |
|--|---|---|

|    |   |                |   |   |
|----|---|----------------|---|---|
| 13 | IS - Albero Entrata<br>IS - Input shaft<br>IS - Antriebswelle | <b>P _ _ R</b> |  |  |
|----|---|----------------|---|---|

— Nessuna indicazione = diametro standard; — No indications = standard diameter; — Keine Angabe = Standard-durchmesser

**Possible solid input shafts**

| SIZE       | NOR | CF | IR                | IS | Shaft diameter |
|------------|-----|----|-------------------|----|----------------|
| 63         | 2   | —  | All               | —  | (Ø 16)         |
|            | 3   |    |                   | —  |                |
| 71         | 2   | —  | All               | —  | (Ø 16)         |
|            | 3   |    |                   | —  |                |
| 80         | 2   | —  | All               | —  | (Ø 19)         |
| 90         | 2   | —  | All               | —  | (Ø 19)         |
|            | 3   |    |                   | —  |                |
| 100        | 2   | —  | All               | —  | (Ø 24)         |
| 112        | 2   | —  | All               | —  | (Ø 24)         |
|            | 3   |    |                   | —  |                |
| 125<br>132 | 2   | —  | All               | —  | (Ø 28)         |
| 150        | 2   | —  | All               | —  | (Ø 38)         |
| 170<br>190 | 2   | —  | 19.7<br>÷<br>34.9 | —  | (Ø 48)         |



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

|    |   |              |  |  |
|----|---|--------------|--|--|
| 13 | IS - Albero Entrata<br>IS - Input shaft<br>IS - Antriebswelle | <b>P_L_M</b> |  |  |
|----|---|--------------|--|--|

| Possible couplings with IEC motors |     |    |        |   |
|------------------------------------|-----|----|--------|---|
| SIZE                               | NOR | CF | IR     | IS  |
| 25                                 | 3   | —  | All    | 80 19/200 (B5) - 19/120 (B14) 19/160 - 19/140 - 19/105 • - 19/90 •    |
|                                    |     |    |        | 71 14/160 (B5) - 14/105 (B14) 14/140 - 14/120 - 14/90•                |
|                                    |     |    |        | 63 11/140 (B5) - 11/90• (B14) 11/160 - 11/120 - 11/105                |
| 25                                 | 4   | —  | All    | 63 11/140 (B5) - 11/90 (B14) 11/120 - 11/80•                          |
|                                    |     |    |        | 56 9/120 (B5) - 9/80• (B14) 9/140 - 9/90                              |
| 45                                 | 3   | —  | All    | 112 <sup>(B)</sup> 28/250 (B5) - 28/160 (B14) 28/140                  |
|                                    |     |    |        | 100 <sup>(B)</sup> 28/250 (B5) - 28/160 (B14) 28/140                  |
|                                    |     |    |        | 90 24/200 (B5) - 24/140 (B14) - 24/250 - 24/160 - 24/120              |
|                                    |     |    |        | 80 19/200 (B5) - 19/120 (B14) - 19/160 - 19/140 - 19/105•             |
| 45                                 | 4   | —  | All    | 71 14/160 (B5) - 14/105• (B14) - 14/200 - 14/140 - 14/120             |
|                                    |     |    |        | 80 19/200 (B5)  |
| 65                                 | 3   | —  | All    | 71 14/160 (B5)  |
|                                    |     |    |        | 112 28/250• (B5) - 28/160• (B14)                                      |
|                                    |     |    |        | 100 28/250• (B5) - 28/160• (B14)                                      |
|                                    |     |    |        | 90 24/200• (B5) - 24/140• (B14) 24/160• - 24/120•                     |
|                                    |     |    |        | 80 19/200• (B5) - 19/120• (B14) 19/160• - 19/140•                     |
| 85                                 | 3   | —  | All    | 71 14/160• (B5) 14/200• - 14/140• - 14/120•                           |
|                                    |     |    |        | 63 11/140• (B5)   |
|                                    |     |    |        | 132 38/300• (B5) - 38/200• (B14) 38/250•                              |
|                                    |     |    |        | 112 28/250• (B5) - 28/160• (B14) 28/200• - 28/300•                    |
|                                    |     |    |        | 100 28/250• (B5) - 28/160• (B14) 28/200• - 28/300•                    |
| 95                                 | 3   | —  | All    | 90 24/200• (B5) - 24/140• (B14) 24/300• - 24/250• - 24/160• - 24/120• |
|                                    |     |    |        | 80 19/200• (B5) - 19/120• (B14) 19/160• - 19/140•                     |
|                                    |     |    |        | 71 14/160• (B5)   |
|                                    |     |    |        | 112 28/250• (B5) - 28/350• - 28/300•                                  |
|                                    |     |    |        | 100 28/250• (B5) - 28/350• - 28/300•                                  |
| 105                                | 3   | —  | All    | 90 24/200• (B5)   |
|                                    |     |    |        | 80 19/200• (B5)   |
|                                    |     |    |        | 160 42/350• (B5) - 42/300• - 42/250•                                  |
|                                    |     |    |        | 132 38/300• (B5) - 38/350• - 38/250•                                  |
|                                    |     |    |        | 112 28/250• (B5) - 28/350• - 28/300•                                  |
| 115                                | 3   | —  | All    | 100 28/250• (B5) - 28/350• - 28/300•                                  |
|                                    |     |    |        | 90 24/200• (B5)   |
|                                    |     |    |        | 132 38/300 (B5) - 38/200 (B14) - 38/250                               |
|                                    |     |    |        | 112 28/250 (B5) - 28/200 - 28/300                                     |
|                                    |     |    |        | 100 28/250 (B5) - 28/200 - 28/300                                     |
| 125                                | 3   | —  | All    | 200* 55/400 (B5)  |
|                                    |     |    |        | 180* 48/350 (B5)  |
|                                    |     |    |        | 160* 42/350 (B5)  |
|                                    |     |    | > 57.2 | 132 38/300 (B5) - 38/200 (B14)- 38/250                                |
|                                    |     |    |        | 112 28/250 (B5) - 28/200 - 28/300                                     |
|                                    |     |    |        | 100 28/250 (B5) - 28/200 - 28/300                                     |
| 135                                | 3   | —  | All    | 225* 60/450 (B5)  |
|                                    |     |    |        | 200* 55/400 (B5)  |
|                                    |     |    |        | 180* 48/350 (B5)  |
|                                    |     |    |        | 160* 42/350 (B5)  |
|                                    |     |    |        | 132* 38/300 (B5)  |
|                                    |     |    |        | 250* 65/550 (B5)  |

<sup>(B)</sup> WARNING!- Look at chapter 1.12-Section A;  
• See designation - " 16 - PMT "





**1.2 Designazione**

**1.2 Designation**

**1.2 Bezeichnung**

|           |  |              |   |  |   |
|-----------|--|--------------|---|--|---|
| <b>13</b> | <b>IS - Albero Entrata</b><br><b>IS - Input shaft</b><br><b>IS - Antriebswelle</b> | <b>P_L_M</b> |  |  |  |
|-----------|--|--------------|---|--|---|

*\* All PAM configurations supplied with ROTEX coupling. Where PAM configuration is marked with an asterisk, see directions (for mounting directions, see section A, paragraph "Installation" - 1.12)*

Nella tab. sono riportate le grandezze motore accoppiabili (IEC) unitamente alle dimensioni albero/flangia motore standard  
 Legenda:  
**11/140 (B5)**: combinazioni albero/flangia standard  
 11/120 : combinazioni albero/flangia a richiesta

*In table the possible shaft/flange dimensions IEC standard are listed.*  
 Key:  
**11/140** : standard shaft/flange combination  
 11/120 : shaft/flange combinations upon request

In Tabelle sind die möglichen Welle/Flansch-Abmessungen IEC-Standard aufgelistet.  
 Legende:  
**11/140** : Standardkombinationen Welle/Flansch  
 11/120 : Sonderkombinationen Welle/Flansch



**Posizione morsettiera - Vedere - 16 - PMT - Pagina E13**  
**Terminal board position - Look - 16 - PMT - Page E13**  
**Lage des Klemmenkastens - Siehe - 16 - PMT - Auf Seite E13**

|   |   |  |
|---|---|--|
| Designazione motore elettrico<br>Se è richiesto un motoriduttore completo di motore è necessario riportare la designazione di quest'ultimo. A tale proposito consultare il ns. catalogo dei motori elettrici Electronic Line. | Electric motor designation<br>For applications requiring a gearmotor, motor designation must be specified. To this end, please refer to our Electronic Line electric motor catalogue. | Bezeichnung des Elektromotors<br>Wird ein Getriebemotor komplett mit Elektromotor angefordert, müssen dessen Daten angegeben werden. Diesbezüglich verweisen wir auf unseren Katalog der Elektromotoren "Electronic Line". |
|---|---|--|

|           |  |              |   |  |   |
|-----------|--|--------------|---|--|---|
| <b>13</b> | <b>IS - Albero Entrata</b><br><b>IS - Input shaft</b><br><b>IS - Antriebswelle</b> | <b>P_L_R</b> |  |  |  |
|-----------|--|--------------|---|--|---|

— Nessuna indicazione = diametro standard; — No indications = standard diameter; — Keine Angabe = Standard-durchmesser

| <b>Possible solid input shafts</b> |     |    |     |    | Shaft diameter |
|------------------------------------|-----|----|-----|----|----------------|
| SIZE                               | NOR | CF | IR  | IS |                |
| 65                                 | 3   | —  | All | —  | (Ø 16)         |
| 85                                 | 3   | —  | All | —  | (Ø 19)         |
| 95                                 | 3   | —  | All | —  | (Ø 24)         |
| 105                                | 3   | —  | All | —  | (Ø 24)         |
| 115                                | 3   | —  | All | —  | (Ø 28)         |
| 125                                | 3   | —  | All | —  | (Ø 38)         |
| 135                                | 3   | —  | All | —  | (Ø 48)         |



## 1.2 Designazione

## 1.2 Designation

## 1.2 Bezeichnung

|    |   |              |  |  |
|----|---|--------------|--|--|
| 13 | IS - Albero Entrata<br>IS - Input shaft<br>IS - Antriebswelle | <b>P_E_M</b> |  |  |
|----|---|--------------|--|--|

**Possible couplings with IEC motors**

| SIZE              | NOR | CF | IR  | IS  |             |
|-------------------|-----|----|-----|-----|-------------|
| 125<br>132<br>150 | 4   | —  | All | 180 | 48/350 (B5) |
|                   |     |    |     | 160 | 42/350 (B5) |
|                   |     |    |     | 132 | 38/300 (B5) |
|                   |     |    |     | 112 | 28/250 (B5) |
|                   |     |    |     | 100 | 28/250 (B5) |
|                   |     |    |     | 90  | 24/200 (B5) |
|                   |     |    |     | 80  | 19/200 (B5) |
|                   |     |    |     | 71  | 14/160 (B5) |
|                   |     |    |     | 63  | 11/140 (B5) |

|            |   |   |     |     |             |
|------------|---|---|-----|-----|-------------|
| 170<br>190 | 4 | — | All | 180 | 48/350 (B5) |
|            |   |   |     | 160 | 42/350 (B5) |
|            |   |   |     | 132 | 38/300 (B5) |
|            |   |   |     | 112 | 28/250 (B5) |
|            |   |   |     | 100 | 28/250 (B5) |
|            |   |   |     | 90  | 24/200 (B5) |
|            |   |   |     | 80  | 19/200 (B5) |
|            |   |   |     | 71  | 14/160 (B5) |
|            |   |   |     | 63  | 11/140 (B5) |

1-STANDARD



**Posizione morsetti - Vedere - 16 - PMT - Pagina E13**  
**Terminal board position - Look - 16 - PMT - Page E13**  
**Lage des Klemmenkastens - Siehe - 16 - PMT - Auf Seite E13**

|  |   |   |
|--|---|---|
| Designazione motore elettrico<br>Se è richiesto un motoriduttore completo di motore è necessario riportare la designazione di quest'ultimo.<br>A tale proposito consultare il ns. catalogo dei motori elettrici Electronic Line. | Electric motor designation<br>For applications requiring a gearmotor, motor designation must be specified. To this end, please refer to our Electronic Line electric motor catalogue. | Bezeichnung des Elektromotors<br>Wird ein Getriebemotor komplett mit Elektromotor angefordert, müssen dessen Daten angegeben werden.<br>Diesbezüglich verweisen wir auf unseren Katalog der Elektromotoren "Electronic Line". |
|--|---|---|

|    |   |              |  |  |
|----|---|--------------|--|--|
| 13 | IS - Albero Entrata<br>IS - Input shaft<br>IS - Antriebswelle | <b>P_E_R</b> |  |  |
|----|---|--------------|--|--|

— Nessuna indicazione = diametro standard; — No indications = standard diameter; — Keine Angabe = Standard-durchmesser standard;

**Possible solid input shafts**

| SIZE | NOR | CF | IR  | IS | Shaft diameter |
|------|-----|----|-----|----|----------------|
| 125  | 4   | —  | All | —  | (Ø 38)         |
| 132  | 4   | —  | All | —  | (Ø 38)         |
| 150  | 4   | —  | All | —  | (Ø 38)         |
| 170  | 4   | —  | All | —  | (Ø 38)         |
| 190  | 4   | —  | All | —  | (Ø 38)         |



**1.2 Designazione**

**1.2 Designation**

**1.2 Bezeichnung**

**14 MP - Posizioni di montaggio**

**MP - Mounting positions**

**MP - Einbaulagen**

[M2, M3, M4, M5, M6] Posizioni di montaggio con indicazione dei tappi di livello, carico e scarico; se non specificato si considera standard la posizione M1 (vedi par. 1.4)

[M2, M3, M4, M5, M6] Mounting position with indication of breather level and drain plugs; if not specified, standard position is M1 (see par. 1.4).

Montageposition [M2, M3, M4, M5, M6] mit Angabe von . Entlüftung, Schaugläsern und Ablassschraube. Wenn nicht näher spezifiziert, wird die Standard - position M1 zugrunde gelegt (s. Abschnitt 1.4).

**15 OPT-ACC. - Opzioni**

**OPT-ACC - Options**

**OPT-ACC. - Optionen**

|  |      |       |                                  |                                     |  |
|--|------|-------|----------------------------------|-------------------------------------|--|
| vedi par. 1.9<br>see pa. 1.9<br>s. Abschnitt 1.9                 | ACC1 | AL    | Alberi lenti - AL                | Output shafts - AL                  | Abtriebswellen - AL                      |
|  |      | PROT. | Coperchio di protezione          | Protection cover                    | Schutzvorrichtungdeckel                  |
|  |      | FF    | FF - Kit                         | FF - Kit                            | FF - Kit                                 |
|  |      | RR    | Kit rosetta di montaggio         | Mounting washer kit                 | Kit Montagescheibe                       |
|  | ACC3 | AV    | ANTIVIBRANTE VKL                 | RUBBER BUFFER VKL                   | GUMMIHÜLSE VKL                           |
| vedi Sezione A-1.12<br>see Section A-1.12<br>s. Abschnitt A-1.12 | OPT. | OPT   | Materiale degli anelli di tenuta | Materials of Seals                  | Dichtungsstoffe                          |
|  |      | OPT1  | Stato fornitura olio             | Scope of the supply - Options - OIL | Optionen - Lieferzustand - Optionen - Öl |
|  |      | OPT2  | Verniciatura                     | Painting and surface protection     | Lackierung und Oberflächenschutz         |

**16 PMT - Posizioni della Morsettiera**

**PMT - Position Terminal Box**

**PMT - Montagposition Klemmenkasten**

[2, 3, 4, 5, 6, 7, 8] Posizione della morsettiera del motore se diversa da quella standard (1).

[2, 3, 4, 5, 6, 7, 8] Position of the motor terminal box if different from the standard one (1).

Montageposition Klemmenkasten [2, 3, 4, 5, 6, 7, 8], wenn abweichend von Standardposition [1] (für Motorgetriebe).

|     | 1-2-3-4<br>1- STANDARD | 5-6-7-8<br>STANDARD | NOTES                      |
|-----|------------------------|---------------------|----------------------------|
| P_— |                        |                     | —                          |
| P_L |                        |                     | Sizes<br>25-45-115-125-135 |
| P_E |                        |                     | Sizes<br>65-85-95-105      |

Per le flange contrassegnate con il simbolo (\*) (vedi pagina E10) i fori per il fissaggio al motore sono disposti in croce (esempio +). Pertanto è opportuno valutare l'ingombro della morsettiera del motore che verrà installato in quanto essa verrà a trovarsi orientata a 45° rispetto agli assi.

For the flanges marked with (\*) (see page E10) the holes to fit the motor are on the axles (like a +). Therefore we suggest to check the dimensions of the terminal board of the motor as it will be at 45° to the axles.

Bei Flanschen, die mit (\*) (Siehe auf Seite E10) gekennzeichnet sind, sind die Bohrungen auf den Achsen angeordnet (wie ein +). Es sollte deshalb der Platzbedarf des Motorklemmenkastens beachtet werden, da er sich in 45°-Position zu den Achsen befinden wird.



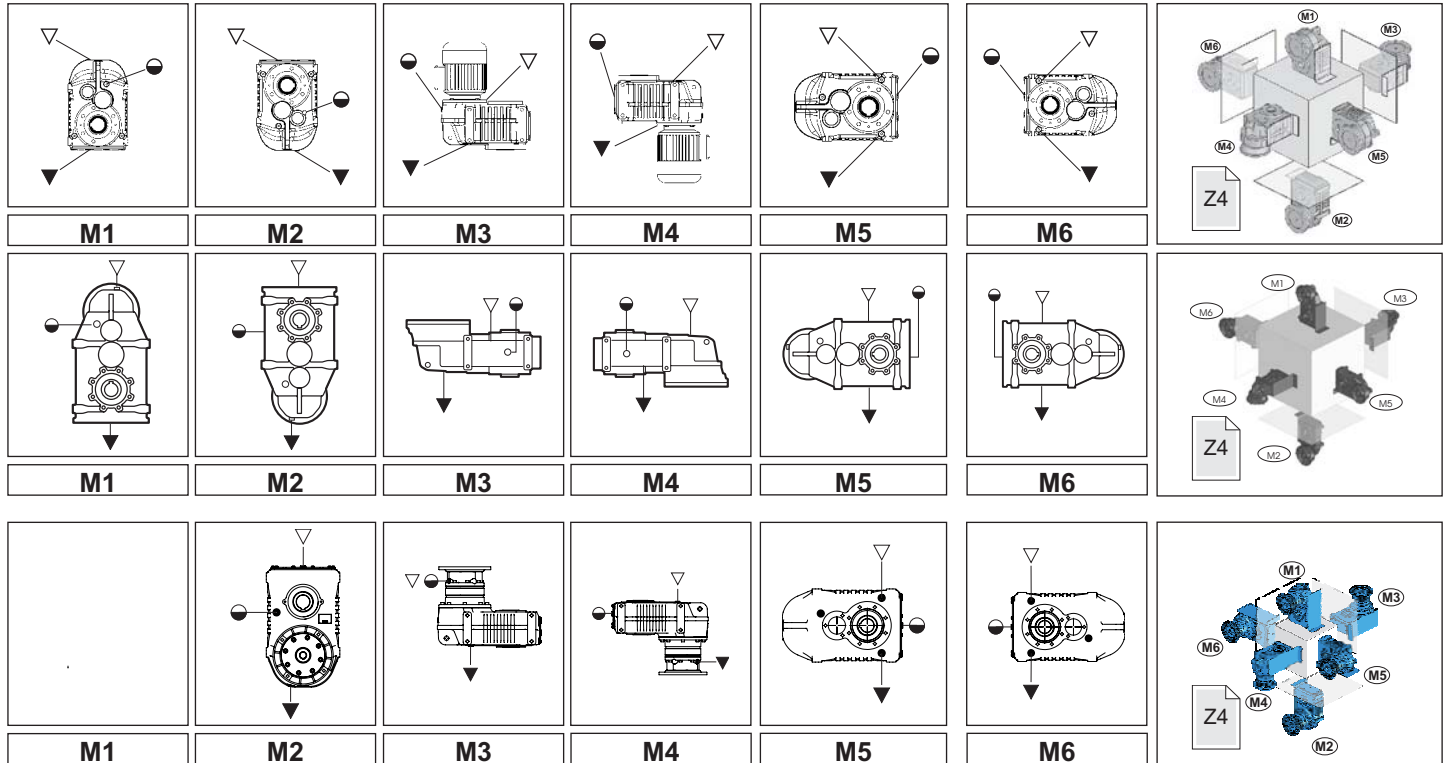
1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung



Posizioni di montaggio  
Mounting positions  
Montagepositionen



▽ Carico / Breather plug / Einfüll-u. Entlüftungsschraube  
● Livello / Level plug / Schauglas  
▼ Scarico / Drain plug / Abflaßschraube

| Posizioni di montaggio - Mounting positions - Montagepositionen |  |  |
|---|--|--|
|   | Posizioni<br>Positions<br>Positionen                             | Prescrizioni da indicare in fase d'ordine<br>Ordering requirements<br>Anforderungen bei der Bestellung           |
|   | 63 - 71<br>80 - 90<br>100 - 112<br>125 - 132<br>150 - 170<br>190 | <b>M1-M2</b><br><b>M3-M4</b><br><b>M5-M6</b><br><br><b>Necessaria</b><br><b>Necessary</b><br><b>Erforderlich</b> |

| Posizioni di montaggio - Mounting positions - Montagepositionen |  |  |
|---|--|--|
|   | Posizioni<br>Positions<br>Positionen               | Prescrizioni da indicare in fase d'ordine<br>Ordering requirements<br>Anforderungen bei der Bestellung           |
|   | 25 - 45<br>65 - 85<br>95 - 105<br>115 - 125<br>135 | <b>M1-M2</b><br><b>M3-M4</b><br><b>M5-M6</b><br><br><b>Necessaria</b><br><b>Necessary</b><br><b>Erforderlich</b> |

| Posizioni di montaggio - Mounting positions - Montagepositionen |                                      |  |
|---|--------------------------------------|--|
|   | Posizioni<br>Positions<br>Positionen | Prescrizioni da indicare in fase d'ordine<br>Ordering requirements<br>Anforderungen bei der Bestellung           |
|   | 125 - 132<br>150 - 170<br>190        | <b>M1-M2</b><br><b>M3-M4</b><br><b>M5-M6</b><br><br><b>Necessaria</b><br><b>Necessary</b><br><b>Erforderlich</b> |

TARGHETTA - RIDUTTORE

NON NECESSARIA

Indicata sempre nella targhetta del riduttore la posizione di montaggio "M1".

NECESSARIA

La posizione richiesta è indicata nella targhetta del riduttore

Identification Plate - Gearbox

NOT NECESSARY

The mounting position is always indicated on the nameplate "M1".

NECESSARY

The indication it on the label of the gearbox

Typeschild - Getriebe

NICHT ERFORDERLICH

Die Einbaulage ist immer auf dem Typenschild angegeben "M1".

ERFORDERLICH

Findet man die angefragte Position auf dem Typenschild des Getriebe



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung

| Lub | Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg] |        |        |        |        |        |        | OPT1      | Tappi-Plug-Stopfen |          |      |
|-----|---|--------|--------|--------|--------|--------|--------|-----------|--------------------|----------|------|
|     |   | M1     | M2     | M3     | M4     | M5     | M6     |           | N°                 | Diameter | Type |
|     | 63  | 1.250  | 0.900  | 1.300  | 1.150  | 0.900  | 0.900  | INOIL_STD | 1                  | 1/4"     |      |
|     | 71  | 2.100  | 1.750  | 2.300  | 2.000  | 1.600  | 1.600  |           | 1                  | 1/4"     |      |
|     | 80  | 1.800  | 1.900  | 1.800  | 2.250  | 1.430  | 1.430  |           | 1                  | 1/4"     |      |
|     | 90  | 3.300  | 2.800  | 3.800  | 3.700  | 2.650  | 2.650  | OUTOIL    | 7                  | 1/4"     |      |
|     | 100   | 3.900  | 3.700  | 3.700  | 3.500  | 2.800  | 2.800  |           | 5                  | 3/8"     |      |
|     | 112   | 7.300  | 7.100  | 8.000  | 7.000  | 6.000  | 6.000  |           | 7                  | 1/4"     |      |
|     | 125   | 8.500  | 7.500  | 8.700  | 8.500  | 6.000  | 6.000  |           | 6                  | 3/8"     |      |
|     | 132   | 11.100 | 8.500  | 10.300 | 9.100  | 7.400  | 7.400  |           | 5                  | 1/2"     |      |
|     | 150   | 18.000 | 17.100 | 21.700 | 17.100 | 13.100 | 13.100 |           | 5                  | 3/4"     |      |
|     | 170   | 23.500 | 24.500 | 22.000 | 24.500 | 18.500 | 18.500 |           | 5                  | 3/4"     |      |
|     | 190   | 36.000 | 29.000 | 29.000 | 31.000 | 21.000 | 21.000 |           | 5                  | 3/4"     |      |

| Lub | Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg] |       |       |       |       |       |       | OPT1      | Tappi-Plug-Stopfen |          |      |
|-----|---|-------|-------|-------|-------|-------|-------|-----------|--------------------|----------|------|
|     |   | M1    | M2    | M3    | M4    | M5    | M6    |           | N°                 | Diameter | Type |
|     | 25  | 0.700 | 0.600 | 0.600 | 0.600 | 0.500 | 0.500 | INOIL_STD | 1                  | 1/4"     |      |
|     | 45  | 1.300 | 0.900 | 1.300 | 1.300 | 1.200 | 1.200 |           | 1                  | 1/4"     |      |
|     | 65  | 1.850 | 1.350 | 1.550 | 1.550 | 1.400 | 1.400 |           | 1                  | 3/8"     |      |
|     | 85  | 3.700 | 2.400 | 3.150 | 2.900 | 2.300 | 2.300 | OUTOIL    | 6                  | 3/8"     |      |
|     | 95  | 6.100 | 4.550 | 5.250 | 4.550 | 3.550 | 3.550 |           | 6                  | 3/8"     |      |
|     | 105   | 12.00 | 7.200 | 9.200 | 8.500 | 6.600 | 6.600 |           | 6                  | 1/2"     |      |
|     | 115   | 20.00 | 12.50 | 15.30 | 13.30 | 11.00 | 11.00 |           | 6                  | 1/2"     |      |
|     | 125   | 31.00 | 19.00 | 24.00 | 22.00 | 16.00 | 16.00 |           | 6                  | 1/2"     |      |
|     | 135   | 41.00 | 30.00 | 30.00 | 32.70 | 20.00 | 20.00 |           | 6                  | 1/2"     |      |

| Lub | Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg] |        |        |        |        |        |        | OPT1   | Tappi-Plug-Stopfen |          |      |
|-----|---|--------|--------|--------|--------|--------|--------|--------|--------------------|----------|------|
|     |   | M1     | M2     | M3     | M4     | M5     | M6     |        | N°                 | Diameter | Type |
|     | 125   | 9.200  | 9.100  | 13.300 | 10.200 | 6.700  | 6.700  | OUTOIL | 6                  | 3/8"     |      |
|     | 132   | 11.600 | 10.000 | 16.100 | 10.600 | 8.100  | 8.100  |        | 7                  | 1/2"     |      |
|     | 150   | 19.300 | 19.000 | 27.900 | 18.700 | 14.100 | 14.100 |        | 7                  | 3/4"     |      |
|     | 170   | 22.700 | 26.200 | 37.800 | 26.000 | 18.900 | 18.900 |        | 7                  | 3/4"     |      |
|     | 190   | 35.800 | 32.100 | 49.400 | 33.100 | 21.100 | 21.100 |        | 7                  | 3/4"     |      |



Quantità indicative; riempimento attenersi al livello.

durante il riempimento attenersi alla spia di livello.

Indicative quantities, check the oil sight glass during filling.

Richtungsweisende Mengen, bei der Auffüllung auf das Füllstand-Kontrollfenster Bezug nehmen.



**Attenzione !:**

Il tappo di sfiato è allegato solo nei riduttori che hanno più di un tappo olio

**Warning!:**

A breather plug is supplied only with worm gearboxes that have more than one oil plug

**Achtung!:**

Der Entlüftungsstopfen ist lediglich bei den Getrieben vorhanden, die über mehr als einen Ölfüllstopfen verfügen

**Nota:** Se in fase d'ordine la posizione di montaggio è omessa, il riduttore verrà fornito con i tappi predisposti per la posizione M1.

**Note:** If the mounting position is not specified in the order, the worm gearbox supplied will have plugs pre-arranged for position M1.

**Anmerkung:** Sollte in der Auftragsphase die Einbaulage nicht angegeben werden, wird das Getriebe mit Stopfen für die Einbaulage M1.

Eventuali forniture con predisposizioni tappi diverse da quella indicata in tabella, dovranno essere concordate.

The supply of gearboxes with different plug pre-arrangements has to be agreed with the manufacturer.

Lieferungen, die eine Auslegung hinsichtlich der Stopfen aufweisen, die von den Angaben in der Tabelle abweichen, müssen vorab vereinbart werden.

**1.5 Carichi radiali e assiali**

Quando la trasmissione del moto avviene tramite meccanismi che generano carichi radiali sull'estremità dell'albero, è necessario verificare che i valori risultanti non eccedono quelli indicati nelle tabelle.

Nella Tab. 4.3 sono riportati i valori dei carichi radiali ammissibili per l'albero veloce ( $F_{r1}$ ). Come carico assiale ammissibile contemporaneo si ha:

$$F_{a1} = 0.2 \times F_{r1}$$

**1.5 Axial and overhung load**

Should transmission movement determine radial loads on the angular shaft end, it is necessary to make sure that resulting values do not exceed the ones indicated in the tables.

In Table 4.3 permissible radial load for input shaft are listed ( $F_{r1}$ ). Contemporary permissible axial load is given by the following formula:

$$F_{a1} = 0.2 \times F_{r1}$$

**1.5 Radiale und axiale Belastungen**

Wird das Wellenende auch durch Radialkräfte belastet, so muß sichergestellt werden, daß die resultierenden Werte die in der Tabelle angegebenen nicht überschreiten.

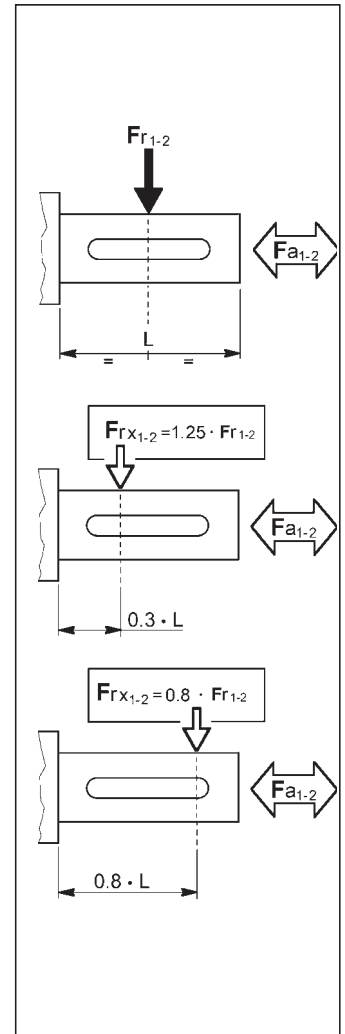
In Tabelle 4.3 sind die Werte der zulässigen Radialbelastungen für die Antriebswelle ( $F_{r1}$ ) angegeben. Die Axialbelastung beträgt dann:

$$F_{a1} = 0.2 \times F_{r1}$$

| Tab. 4.3                   |      | $F_{r1}$ [N] |     |      |      |      |     |      |      |      |      |      |      |      |      |      |
|----------------------------|------|--------------|-----|------|------|------|-----|------|------|------|------|------|------|------|------|------|
|                            |      |              |     |      |      |      |     |      |      |      |      |      |      |      |      |      |
| SIZE                       |      | 63           |     | 71   |      | 80   | 90  |      | 100  | 112  |      | 125  | 132  | 150  | 170  | 190  |
| NOR                        |      | 2            | 3   | 2    | 3    | 2    | 2   | 3    | 2    | 2    | 3    | 2    | 2    | 2    | 2    | 2    |
| $n_1$ [min <sup>-1</sup> ] | 2800 | 200          | 550 | 600  | 600  | 520  | 600 | 1300 | 600  | 800  | 1400 | 1000 | 1000 | 1250 | 2800 | 2800 |
|                            | 1400 | 400          | 700 | 900  | 800  | 700  | 700 | 1500 | 800  | 1400 | 1800 | 1200 | 1200 | 1500 | 3000 | 3000 |
|                            | 900  | 400          | 800 | 1100 | 1000 | 800  | 800 | 1600 | 920  | 1500 | 2100 | 1300 | 1300 | 1600 | 3500 | 3500 |
|                            | 500  | 400          | 950 | 1300 | 1200 | 1100 | 900 | 1800 | 1300 | 1800 | 2600 | 1500 | 1500 | 1800 | 3800 | 3800 |

| Tab. 4.3                   |      | $F_{r1}$ [N] |   |    |   |    |     |      |      |      |      |      |   |
|----------------------------|------|--------------|---|----|---|----|-----|------|------|------|------|------|---|
|                            |      |              |   |    |   |    |     |      |      |      |      |      |   |
| SIZE                       |      | 25           |   | 45 |   | 65 | 85  | 95   | 105  | 115  | 125  | 135  |   |
| NOR                        |      | 3            | 4 | 3  | 4 | 3  | 3   | 3    | 3    | 3    | 3    | 3    |   |
| $n_1$ [min <sup>-1</sup> ] | 2800 | —            |   |    |   |    | 430 | 520  | 600  | 600  | 1000 | 1250 | * |
|                            | 1400 | —            |   |    |   |    | 550 | 700  | 800  | 800  | 1200 | 1500 | * |
|                            | 900  | —            |   |    |   |    | 600 | 800  | 920  | 920  | 1300 | 1600 | * |
|                            | 500  | —            |   |    |   |    | 850 | 1100 | 1300 | 1300 | 1500 | 1800 | * |

| Tab. 4.3                   |      | $F_{r1}$ [N] |      |      |      |      |
|----------------------------|------|--------------|------|------|------|------|
|                            |      |              |      |      |      |      |
| SIZE                       |      | 125          | 132  | 150  | 170  | 190  |
| NOR                        |      | 4            | 4    | 4    | 4    | 4    |
| $n_1$ [min <sup>-1</sup> ] | 2800 | 900          | 900  | 900  | 4000 | 4000 |
|                            | 1400 | 1000         | 1000 | 1000 | 5000 | 5000 |
|                            | 900  | 1200         | 1200 | 1200 | 6000 | 6000 |
|                            | 500  | 1500         | 1500 | 1500 | 7000 | 7000 |



I carichi radiali indicati nelle tabelle si intendono applicati a metà della sporgenza dell'albero lento standard (vedi fig. 8.14) e sono riferiti ai riduttori operanti con fattore di servizio 1. Valori intermedi relativi a velocità non riportate possono essere ottenuti per interpolazione considerando però che  $F_{r1}$  a 500 min<sup>-1</sup> e  $F_{r2}$  a 5 min<sup>-1</sup> rappresentano i carichi massimi consentiti. Per i carichi non agenti sulla mezzeria dell'albero lento o veloce si ha:

a 0.3 della sporgenza:

$$F_{rx} = 1.25 \times F_{r1-2}$$

a 0.8 dalla sporgenza:

$$F_{rx} = 0.8 \times F_{r1-2}$$

The radial loads shown in the tables are applied on the middle of standard shaft extensions (see fig.8.14). Base of these values is a service factor 1.

Values for speeds that are not listed can be obtained through interpolation but it must be considered that  $F_{r1}$  at 500 min<sup>-1</sup> and  $F_{r2}$  at 5 min<sup>-1</sup> represent the maximum allowable loads.

For radial loads which are not applied on the middle of the shafts, the following values can be calculated:

at 0.3 from extension:

$$F_{rx} = 1.25 \times F_{r1-2}$$

at 0.8 from extension:

$$F_{rx} = 0.8 \times F_{r1-2}$$

Bei den in der Tabelle angegebenen Radialbelastungen wird eine Krafteinwirkung auf die Mitte der Standardwelle (s. A.8.14) angenommen; außerdem wird ein Betriebsfaktor 1 zugrunde gelegt. Zwischenwerte für nicht aufgeführte Drehzahlen können durch Interpolation ermittelt werden. Hierbei ist jedoch zu berücksichtigen, daß  $F_{r1}$  bei 500 min<sup>-1</sup> und für  $F_{r2max}$  bei 5 min<sup>-1</sup> die maximal zulässigen Belastungen repräsentieren.

Ist die Einwirkung der Radialkraft nicht in der Mitte der Welle, so können die zulässigen Radiallasten folgendermaßen ermittelt werden:

0.3 vom Wellenabsatz entfernt:

$$F_{rx} = 1.25 \times F_{r1-2}$$

0.8 vom Wellenabsatz entfernt:

$$F_{rx} = 0.8 \times F_{r1-2}$$





1.5 Carichi radiali e assiali

1.5 Axial and overhung load

1.5 Radiale und axiale Belastungen

In Tab. 4.4 sono riportati i valori dei carichi radiali ammissibili per l'albero lento ( $F_{r2}$ ). Come carico assiale ammissibile contemporaneo si ha:

In Table 4.4 permissible radial loads for output shaft are listed ( $F_{r2}$ ). Permissible axial load is given by the following formula:

In Tabelle 4.4 sind die Werte der zulässigen Radialbelastungen für die Abtriebswelle ( $F_{r2}$ ) angegeben. Als zulässige Axialbelastung gilt:

$F_{a2} = 0.2 \times F_{r2}$

$F_{a2} = 0.2 \times F_{r2}$

$F_{a2} = 0.2 \times F_{r2}$

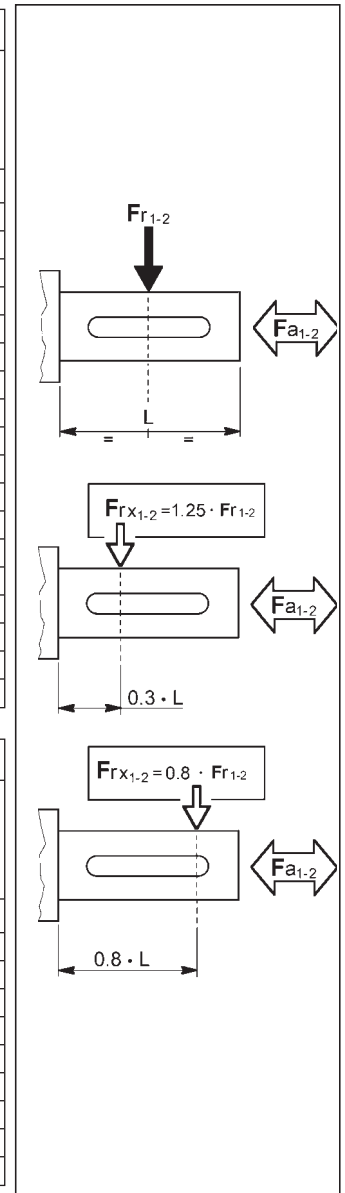
**Tab. 4.4**

$F_{r2}$  [N]

| SIZE                       | 63   | 71   | 80   | 90    | 100   | 112   | 125   | 132   | 150   | 170   | 190   |
|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| $n_2$ [min <sup>-1</sup> ] | 1100 | —    | 3000 | —     | 6500  | —     | —     | —     | —     | —     | —     |
|                            | 950  | 1400 | 3050 | —     | 7000  | —     | 7600  | —     | —     | —     | —     |
|                            | 775  | 1450 | 3100 | —     | 7200  | —     | 7900  | —     | —     | —     | —     |
|                            | 625  | 1500 | 3230 | 4500  | 7600  | 7000  | 8300  | —     | —     | —     | —     |
|                            | 500  | 1580 | 3340 | 4800  | 7900  | 7500  | 8800  | 10000 | 12500 | 16500 | 18500 |
|                            | 400  | 1660 | 3450 | 5000  | 8300  | 8000  | 9200  | 10500 | 13000 | 17000 | 19000 |
|                            | 320  | 1720 | 3550 | 5500  | 8900  | 9000  | 9800  | 11200 | 13500 | 17500 | 19400 |
|                            | 260  | 1750 | 3600 | 6000  | 9000  | 10000 | 10400 | 12000 | 15500 | 19200 | 21100 |
|                            | 200  | 1800 | 4100 | 6000  | 9000  | 10000 | 10800 | 12500 | 16500 | 20500 | 23300 |
|                            | 160  | 1950 | 4300 | 6000  | 9000  | 10000 | 11400 | 13000 | 17500 | 22100 | 24800 |
|                            | 125  | 2200 | 4600 | 6000  | 9000  | 10000 | 12000 | 14000 | 19000 | 23500 | 27000 |
|                            | 90   | 2400 | 4900 | 6500  | 9000  | 10000 | 13000 | 16000 | 21000 | 25500 | 30600 |
|                            | 60   | 2600 | 5000 | 7100  | 9300  | 10600 | 13800 | 18000 | 23000 | 27500 | 34200 |
|                            | 40   | 2800 | 5000 | 7500  | 10000 | 11800 | 15300 | 20000 | 29000 | 34000 | 41000 |
|                            | 25   | 3100 | 6000 | 8000  | 11200 | 12500 | 16500 | 20000 | 32500 | 43000 | 57000 |
|                            | 16   | 3800 | 6600 | 8000  | 11500 | 12500 | 17000 | 20000 | 32500 | 43000 | 57000 |
| 10                         | 4500 | 6600 | 8000 | 11500 | 12500 | 17400 | 20000 | 32500 | 43000 | 57000 |       |
| < 5                        | 4500 | 6600 | 8000 | 11500 | 12500 | 17400 | 20000 | 32500 | 43000 | 57000 |       |

$F_{r2}$  [N]

| SIZE                       | 25  | 45   | 65   | 85   | 95    | 105   | 115   | 125   | 135   |
|----------------------------|-----|------|------|------|-------|-------|-------|-------|-------|
| $n_2$ [min <sup>-1</sup> ] | 160 | 1300 | 3550 | 5775 | 8000  | 14000 | 17500 | 22100 | 24800 |
|                            | 125 | 1300 | 3750 | 6875 | 10000 | 16000 | 18000 | 22500 | 26000 |
|                            | 90  | 1800 | 4000 | 7000 | 10000 | 16000 | 19000 | 23500 | 27000 |
|                            | 60  | 1800 | 4500 | 7550 | 10600 | 18000 | 23000 | 27500 | 34200 |
|                            | 40  | 1800 | 5000 | 8400 | 11800 | 20000 | 29000 | 34000 | 41000 |
|                            | 25  | 2300 | 5000 | 8750 | 12500 | 20000 | 30000 | 40000 | 50000 |
|                            | 16  | 2300 | 5000 | 8750 | 12500 | 20000 | 32500 | 43000 | 57000 |
|                            | 10  | 2800 | 5000 | 8750 | 12500 | 20000 | 32500 | 43000 | 57000 |
|                            | < 5 | 3000 | 5000 | 8750 | 12500 | 20000 | 32500 | 43000 | 57000 |



I carichi radiali indicati nelle tabelle si intendono applicati a metà della sporgenza dell'albero lento standard (vedi fig. 8.14) e sono riferiti ai riduttori operanti con fattore di servizio 1. Valori intermedi relativi a velocità non riportate possono essere ottenuti per interpolazione considerando però che  $F_{r1}$  a 500 min<sup>-1</sup> e  $F_{r2}$  a 5 min<sup>-1</sup> rappresentano i carichi massimi consentiti. Per i carichi non agenti sulla mezzeria dell'albero lento o veloce si ha:

The radial loads shown in the tables are applied on the middle of standard shaft extensions (see fig.8.14). Base of these values is a service factor 1. Values for speeds that are not listed can be obtained through interpolation but it must be considered that  $F_{r1}$  at 500 min<sup>-1</sup> and  $F_{r2}$  at 5 min<sup>-1</sup> represent the maximum allowable loads. For radial loads which are not applied on the middle of the shafts, the following values can be calculated:

Bei den in der Tabelle angegebenen Radialbelastungen wird eine Krafteinwirkung auf die Mitte der Standardwelle (s. A.8.14) angenommen; außerdem wird ein Betriebsfaktor 1 zugrunde gelegt. Zwischenwerte für nicht aufgeführte Drehzahlen können durch Interpolation ermittelt werden. Hierbei ist jedoch zu berücksichtigen, daß  $F_{r1}$  bei 500 min<sup>-1</sup> und für  $F_{r2max}$  bei 5 min<sup>-1</sup> die maximal zulässigen Belastungen repräsentieren.

a 0.3 della sporgenza:  
 $F_{rx} = 1.25 \times F_{r1-2}$   
a 0.8 dalla sporgenza:  
 $F_{rx} = 0.8 \times F_{r1-2}$

at 0.3 from extension:  
 $F_{rx} = 1.25 \times F_{r1-2}$   
at 0.8 from extension:  
 $F_{rx} = 0.8 \times F_{r1-2}$

Ist die Einwirkung der Radialkraft nicht in der Mitte der Welle, so können die zulässigen Radiallasten folgendermaßen ermittelt werden:  
0.3 vom Wellenabsatz entfernt:  
 $F_{rx} = 1.25 \times F_{r1-2}$   
0.8 vom Wellenabsatz entfernt:  
 $F_{rx} = 0.8 \times F_{r1-2}$



**E18**

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**CT17 IGBD 4.0**

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)  
روبروی پالایشگاه نفت پارس، پلاک ۱۳

1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PLR 25_3 |                               | 100 Nm   |      |    |                               |          |      |    |                              |          |      |    |                              | Kg       | 4.6  |    |  |
|----------|-------------------------------|----------|------|----|-------------------------------|----------|------|----|------------------------------|----------|------|----|------------------------------|----------|------|----|--|
| ir       | $n_1 = 2800 \text{ min}^{-1}$ |          |      |    | $n_1 = 1400 \text{ min}^{-1}$ |          |      |    | $n_1 = 900 \text{ min}^{-1}$ |          |      |    | $n_1 = 500 \text{ min}^{-1}$ |          |      |    | IEC  |
|          | $n_2$                         | $T_{2M}$ | P    | RD | $n_2$                         | $T_{2M}$ | P    | RD | $n_2$                        | $T_{2M}$ | P    | RD | $n_2$                        | $T_{2M}$ | P    | RD |  |
|          | $\text{min}^{-1}$             | Nm       | kW   | %  | $\text{min}^{-1}$             | Nm       | kW   | %  | $\text{min}^{-1}$            | Nm       | kW   | %  | $\text{min}^{-1}$            | Nm       | kW   | %  |  |
| 17,2     | 162,3                         | 90       | 1,64 | 93 | 81,2                          | 100      | 0,91 | 93 | 52,2                         | 110      | 0,64 | 93 | 29,0                         | 110      | 0,36 | 93 | 80<br>(B5-B14)<br><br>71<br>(B5-B14)<br><br>63<br>(B5-B14) |
| 20,4     | 137,5                         | 90       | 1,39 | 93 | 68,8                          | 100      | 0,77 | 93 | 44,2                         | 110      | 0,54 | 93 | 24,6                         | 110      | 0,30 | 93 |  |
| 23,8     | 117,7                         | 90       | 1,19 | 93 | 58,9                          | 100      | 0,66 | 93 | 37,8                         | 110      | 0,46 | 93 | 21,0                         | 110      | 0,26 | 93 |  |
| 27,4     | 102,2                         | 90       | 1,04 | 93 | 51,1                          | 100      | 0,58 | 93 | 32,8                         | 110      | 0,40 | 93 | 18,2                         | 110      | 0,23 | 93 |  |
| 32,0     | 87,5                          | 90       | 0,89 | 93 | 43,7                          | 100      | 0,49 | 93 | 28,1                         | 110      | 0,34 | 93 | 15,6                         | 110      | 0,19 | 93 |  |
| 36,9     | 75,8                          | 90       | 0,77 | 93 | 37,9                          | 100      | 0,43 | 93 | 24,4                         | 110      | 0,30 | 93 | 13,5                         | 110      | 0,17 | 93 |  |
| 42,6     | 65,7                          | 90       | 0,67 | 93 | 32,8                          | 100      | 0,37 | 93 | 21,1                         | 110      | 0,26 | 93 | 11,7                         | 110      | 0,15 | 93 |  |
| 54,8     | 51,1                          | 90       | 0,52 | 93 | 25,6                          | 100      | 0,29 | 93 | 16,4                         | 110      | 0,20 | 93 | 9,1                          | 110      | 0,11 | 93 |  |
| 64,6     | 43,3                          | 90       | 0,44 | 93 | 21,7                          | 100      | 0,24 | 93 | 13,9                         | 110      | 0,17 | 93 | 7,7                          | 110      | 0,10 | 93 |  |
| 75,5     | 37,1                          | 90       | 0,38 | 93 | 18,5                          | 100      | 0,21 | 93 | 11,9                         | 110      | 0,15 | 93 | 6,6                          | 110      | 0,08 | 93 |  |
| 87,0     | 32,2                          | 90       | 0,33 | 93 | 16,1                          | 100      | 0,18 | 93 | 10,3                         | 110      | 0,13 | 93 | 5,7                          | 110      | 0,07 | 93 |  |
| 101,6    | 27,5                          | 90       | 0,28 | 93 | 13,8                          | 100      | 0,16 | 93 | 8,9                          | 110      | 0,11 | 93 | 4,9                          | 110      | 0,06 | 93 |  |
| 117,3    | 23,9                          | 90       | 0,24 | 93 | 11,9                          | 100      | 0,13 | 93 | 7,7                          | 110      | 0,09 | 93 | 4,3                          | 110      | 0,05 | 93 |  |
| 135,3    | 20,7                          | 90       | 0,21 | 93 | 10,3                          | 100      | 0,12 | 93 | 6,7                          | 110      | 0,08 | 93 | 3,7                          | 110      | 0,05 | 93 |  |
| 159,1    | 17,6                          | 90       | 0,18 | 93 | 8,8                           | 100      | 0,10 | 93 | 5,7                          | 110      | 0,07 | 93 | 3,1                          | 110      | 0,04 | 93 |  |
| 187,8    | 14,9                          | 90       | 0,15 | 93 | 7,5                           | 100      | 0,08 | 93 | 4,8                          | 110      | 0,06 | 93 | 2,7                          | 110      | 0,03 | 93 |  |
| 213,9    | 13,1                          | 90       | 0,13 | 93 | 6,5                           | 100      | 0,07 | 93 | 4,2                          | 110      | 0,05 | 93 | 2,3                          | 110      | 0,03 | 93 |  |
| 254,1    | 11,0                          | 90       | 0,11 | 93 | 5,5                           | 100      | 0,06 | 93 | 3,5                          | 110      | 0,04 | 93 | 2,0                          | 110      | 0,02 | 93 |  |

| PLR 25_4 |                               | 100 Nm   |      |    |                               |          |      |    |                              |          |      |    |                              | Kg       | 4.6  |    |                                      |
|----------|-------------------------------|----------|------|----|-------------------------------|----------|------|----|------------------------------|----------|------|----|------------------------------|----------|------|----|--------------------------------------|
| ir       | $n_1 = 2800 \text{ min}^{-1}$ |          |      |    | $n_1 = 1400 \text{ min}^{-1}$ |          |      |    | $n_1 = 900 \text{ min}^{-1}$ |          |      |    | $n_1 = 500 \text{ min}^{-1}$ |          |      |    | IEC                                  |
|          | $n_2$                         | $T_{2M}$ | P    | RD | $n_2$                         | $T_{2M}$ | P    | RD | $n_2$                        | $T_{2M}$ | P    | RD | $n_2$                        | $T_{2M}$ | P    | RD |                                      |
|          | $\text{min}^{-1}$             | Nm       | kW   | %  | $\text{min}^{-1}$             | Nm       | kW   | %  | $\text{min}^{-1}$            | Nm       | kW   | %  | $\text{min}^{-1}$            | Nm       | kW   | %  |                                      |
| 280,1    | 10,0                          | 90       | 0,10 | 91 | 5,0                           | 100      | 0,06 | 91 | 3,2                          | 110      | 0,04 | 91 | 1,8                          | 110      | 0,02 | 91 | 63<br>(B5-B14)<br><br>56<br>(B5-B14) |
| 327,1    | 8,6                           | 90       | 0,09 | 91 | 4,3                           | 100      | 0,05 | 91 | 2,8                          | 110      | 0,03 | 91 | 1,5                          | 110      | 0,02 | 91 |                                      |
| 377,0    | 7,4                           | 90       | 0,08 | 91 | 3,7                           | 100      | 0,04 | 91 | 2,4                          | 110      | 0,03 | 91 | 1,3                          | 110      | 0,02 | 91 |                                      |
| 440,4    | 6,4                           | 90       | 0,07 | 91 | 3,2                           | 100      | 0,04 | 91 | 2,0                          | 110      | 0,03 | 91 | 1,1                          | 110      | 0,01 | 91 |                                      |
| 508,2    | 5,5                           | 90       | 0,06 | 91 | 2,8                           | 100      | 0,03 | 91 | 1,8                          | 110      | 0,02 | 91 | 1,0                          | 110      | 0,01 | 91 |                                      |
| 586,4    | 4,8                           | 90       | 0,05 | 91 | 2,4                           | 100      | 0,03 | 91 | 1,5                          | 110      | 0,02 | 91 | 0,85                         | 110      | 0,01 | 91 |                                      |
| 689,4    | 4,1                           | 90       | 0,04 | 91 | 2,0                           | 100      | 0,02 | 91 | 1,3                          | 110      | 0,02 | 91 | 0,73                         | 110      | 0,01 | 91 |                                      |
| 813,8    | 3,4                           | 90       | 0,04 | 91 | 1,7                           | 100      | 0,02 | 91 | 1,1                          | 110      | 0,01 | 91 | 0,61                         | 110      | 0,01 | 91 |                                      |
| 927,0    | 3,0                           | 90       | 0,03 | 91 | 1,5                           | 100      | 0,02 | 91 | 1,0                          | 110      | 0,01 | 91 | 0,54                         | 110      | 0,01 | 91 |                                      |
| 1101     | 2,5                           | 90       | 0,03 | 91 | 1,3                           | 100      | 0,01 | 91 | 0,82                         | 110      | 0,01 | 91 | 0,45                         | 110      | 0,01 | 91 |                                      |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 4.0   |



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PR 63_2 |  | 250 Nm                        |                |         |         |                               |                |         |         |                              |                |         |         | IEC   |                              |                |         |  |
|---------|--|-------------------------------|----------------|---------|---------|-------------------------------|----------------|---------|---------|------------------------------|----------------|---------|---------|-------|------------------------------|----------------|---------|--|
|         |  | $n_1 = 2800 \text{ min}^{-1}$ |                |         |         | $n_1 = 1400 \text{ min}^{-1}$ |                |         |         | $n_1 = 900 \text{ min}^{-1}$ |                |         |         |       | $n_1 = 500 \text{ min}^{-1}$ |                |         |  |
|         |  | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>% |       | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>%  |
| 3.0     |  | 935.6                         | 77             | 7.9     | 95      | 467.8                         | 80             | 4.1     | 95      | 300.7                        | 85             | 2.8     | 95      | 167.1 | 88                           | 1.6            | 95      | 112 B5<br>112 B14<br><br>100 B5<br>100 B14<br><br>90 B5<br>90 B14<br><br>80 B5<br>80 B14<br><br>71 B5<br><br>63 B5 |
| 3.9     |  | 719.9                         | 90             | 7.1     | 95      | 360.0                         | 110            | 4.4     | 95      | 231.4                        | 115            | 2.9     | 95      | 128.6 | 120                          | 1.7            | 95      |  |
| 4.3     |  | 645.0                         | 95             | 6.8     | 95      | 322.5                         | 130            | 4.6     | 95      | 207.3                        | 135            | 3.1     | 95      | 115.2 | 140                          | 1.8            | 95      |  |
| 5.0     |  | 557.0                         | 110            | 6.8     | 95      | 278.5                         | 140            | 4.3     | 95      | 179.0                        | 150            | 3.0     | 95      | 99.5  | 155                          | 1.7            | 95      |  |
| 5.6     |  | 499.0                         | 125            | 6.9     | 95      | 249.5                         | 160            | 4.4     | 95      | 160.4                        | 170            | 3.0     | 95      | 89.1  | 180                          | 1.8            | 95      |  |
| 6.2     |  | 452.2                         | 130            | 6.5     | 95      | 226.1                         | 160            | 4.0     | 95      | 145.3                        | 175            | 2.8     | 95      | 80.7  | 180                          | 1.6            | 95      |  |
| 6.5     |  | 431.2                         | 135            | 6.4     | 95      | 215.6                         | 170            | 4.0     | 95      | 138.6                        | 185            | 2.8     | 95      | 77.0  | 195                          | 1.7            | 95      |  |
| 7.4     |  | 379.1                         | 140            | 5.9     | 95      | 189.6                         | 180            | 3.8     | 95      | 121.9                        | 190            | 2.6     | 95      | 67.7  | 200                          | 1.5            | 95      |  |
| 8.0     |  | 347.9                         | 150            | 5.8     | 95      | 174.0                         | 200            | 3.8     | 95      | 111.8                        | 215            | 2.7     | 95      | 62.1  | 230                          | 1.6            | 95      |  |
| 9.0     |  | 311.7                         | 165            | 5.7     | 95      | 155.9                         | 210            | 3.6     | 95      | 100.2                        | 230            | 2.5     | 95      | 55.7  | 250                          | 1.5            | 95      |  |
| 10.4    |  | 269.4                         | 180            | 5.3     | 95      | 134.7                         | 220            | 3.3     | 95      | 86.6                         | 240            | 2.3     | 95      | 48.1  | 255                          | 1.4            | 95      |  |
| 11.8    |  | 236.9                         | 190            | 5.0     | 95      | 118.4                         | 235            | 3.1     | 95      | 76.1                         | 255            | 2.1     | 95      | 42.3  | 255                          | 1.2            | 95      |  |
| 13.5    |  | 206.9                         | 205            | 4.7     | 95      | 103.4                         | 250            | 2.9     | 95      | 66.5                         | 255            | 1.9     | 95      | 36.9  | 255                          | 1.0            | 95      |  |
| 14.4    |  | 194.8                         | 190            | 4.1     | 95      | 97.4                          | 220            | 2.4     | 95      | 62.5                         | 230            | 1.6     | 95      | 34.8  | 240                          | 0.9            | 95      |  |
| 16.9    |  | 166.1                         | 230            | 4.2     | 95      | 83.0                          | 250            | 2.3     | 95      | 53.4                         | 255            | 1.5     | 95      | 29.7  | 255                          | 0.8            | 95      |  |
| 19.8    |  | 141.3                         | 230            | 3.6     | 95      | 70.7                          | 250            | 1.9     | 95      | 45.4                         | 255            | 1.3     | 95      | 25.2  | 255                          | 0.7            | 95      |  |
| 20.5    |  | 136.6                         | 210            | 3.2     | 95      | 68.3                          | 230            | 1.7     | 95      | 43.9                         | 240            | 1.2     | 95      | 24.4  | 250                          | 0.7            | 95      |  |
| 24.1    |  | 116.2                         | 210            | 2.7     | 95      | 58.1                          | 230            | 1.5     | 95      | 37.3                         | 245            | 1.0     | 95      | 20.7  | 250                          | 0.6            | 95      |  |
| 26.1    |  | 107.3                         | 220            | 2.6     | 95      | 53.6                          | 240            | 1.4     | 95      | 34.5                         | 250            | 1.0     | 95      | 19.2  | 255                          | 0.5            | 95      |  |
| 31.7    |  | 88.2                          | 220            | 2.1     | 95      | 44.1                          | 240            | 1.2     | 95      | 28.4                         | 250            | 0.8     | 95      | 15.8  | 250                          | 0.4            | 95      |  |
| 36.6    |  | 76.6                          | 225            | 1.9     | 95      | 38.3                          | 250            | 1.1     | 95      | 24.6                         | 250            | 0.7     | 95      | 13.7  | 250                          | 0.4            | 95      |  |
| 40.5    |  | 69.2                          | 220            | 1.7     | 95      | 34.6                          | 240            | 0.9     | 95      | 22.2                         | 240            | 0.6     | 95      | 12.3  | 240                          | 0.3            | 95      |  |
| 45.2    |  | 62.0                          | 220            | 1.5     | 95      | 31.0                          | 240            | 0.8     | 95      | 19.9                         | 240            | 0.5     | 95      | 11.1  | 240                          | 0.3            | 95      |  |

| PR 63_3 |  | 250 Nm                        |                |         |         |                               |                |         |         |                              |                |         |         | IEC  |                              |                |         |   |
|---------|--|-------------------------------|----------------|---------|---------|-------------------------------|----------------|---------|---------|------------------------------|----------------|---------|---------|------|------------------------------|----------------|---------|---|
|         |  | $n_1 = 2800 \text{ min}^{-1}$ |                |         |         | $n_1 = 1400 \text{ min}^{-1}$ |                |         |         | $n_1 = 900 \text{ min}^{-1}$ |                |         |         |      | $n_1 = 500 \text{ min}^{-1}$ |                |         |   |
| ir      |  | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>% |      | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>%                                   |
| 43.4    |  | 64.6                          | 220            | 1.6     | 93      | 32.3                          | 250            | 0.9     | 93      | 20.7                         | 250            | 0.6     | 93      | 11.5 | 250                          | 0.3            | 93      | 80 B5<br>80 B14<br><br>71 B5<br><br>63 B5 |
| 47.0    |  | 59.6                          | 200            | 1.3     | 93      | 29.8                          | 250            | 0.8     | 93      | 19.2                         | 255            | 0.6     | 93      | 10.6 | 255                          | 0.3            | 93      |   |
| 53.3    |  | 52.5                          | 220            | 1.3     | 93      | 26.3                          | 250            | 0.7     | 93      | 16.9                         | 255            | 0.5     | 93      | 9.4  | 255                          | 0.3            | 93      |   |
| 57.2    |  | 48.9                          | 230            | 1.3     | 93      | 24.5                          | 250            | 0.7     | 93      | 15.7                         | 255            | 0.5     | 93      | 8.7  | 255                          | 0.3            | 93      |   |
| 61.8    |  | 45.3                          | 230            | 1.2     | 93      | 22.7                          | 250            | 0.6     | 93      | 14.6                         | 255            | 0.4     | 93      | 8.1  | 255                          | 0.2            | 93      |   |
| 69.6    |  | 40.2                          | 240            | 1.1     | 93      | 20.1                          | 250            | 0.6     | 93      | 12.9                         | 250            | 0.4     | 93      | 7.2  | 250                          | 0.2            | 93      |   |
| 75.4    |  | 37.1                          | 240            | 1.0     | 93      | 18.6                          | 250            | 0.5     | 93      | 11.9                         | 255            | 0.3     | 93      | 6.6  | 255                          | 0.2            | 93      |   |
| 81.4    |  | 34.4                          | 240            | 0.9     | 93      | 17.2                          | 250            | 0.5     | 93      | 11.1                         | 255            | 0.3     | 93      | 6.1  | 255                          | 0.2            | 93      |   |
| 88.4    |  | 31.7                          | 240            | 0.9     | 93      | 15.8                          | 250            | 0.4     | 93      | 10.2                         | 250            | 0.3     | 93      | 5.7  | 250                          | 0.2            | 93      |   |
| 98.9    |  | 28.3                          | 240            | 0.8     | 93      | 14.2                          | 250            | 0.4     | 93      | 9.1                          | 250            | 0.3     | 93      | 5.1  | 250                          | 0.1            | 93      |   |
| 114.4   |  | 24.5                          | 240            | 0.7     | 93      | 12.2                          | 250            | 0.3     | 93      | 7.9                          | 255            | 0.2     | 93      | 4.4  | 260                          | 0.1            | 93      |   |
| 135.4   |  | 20.7                          | 240            | 0.6     | 93      | 10.3                          | 250            | 0.3     | 93      | 6.6                          | 255            | 0.2     | 93      | 3.7  | 260                          | 0.1            | 93      |   |
| 149.1   |  | 18.8                          | 240            | 0.5     | 93      | 9.4                           | 250            | 0.3     | 93      | 6.0                          | 255            | 0.2     | 93      | 3.4  | 260                          | 0.1            | 93      |   |
| 164.7   |  | 17.0                          | 240            | 0.5     | 93      | 8.5                           | 250            | 0.2     | 93      | 5.5                          | 250            | 0.2     | 93      | 3.0  | 260                          | 0.1            | 93      |   |
| 181.3   |  | 15.4                          | 240            | 0.4     | 93      | 7.7                           | 250            | 0.2     | 93      | 5.0                          | 250            | 0.1     | 93      | 2.8  | 260                          | 0.1            | 93      |   |
| 216.9   |  | 12.9                          | 240            | 0.3     | 93      | 6.5                           | 250            | 0.2     | 93      | 4.2                          | 255            | 0.1     | 93      | 2.3  | 260                          | 0.1            | 93      |   |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 5.6   |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.

1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PLR 45_3 |                               | 250 Nm         |         |         |                               |                |         |         |                              |                |         |         |                              | Kg             | 12.1    |         |  |
|----------|-------------------------------|----------------|---------|---------|-------------------------------|----------------|---------|---------|------------------------------|----------------|---------|---------|------------------------------|----------------|---------|---------|--|
| ir       | $n_1 = 2800 \text{ min}^{-1}$ |                |         |         | $n_1 = 1400 \text{ min}^{-1}$ |                |         |         | $n_1 = 900 \text{ min}^{-1}$ |                |         |         | $n_1 = 500 \text{ min}^{-1}$ |                |         |         | IEC  |
|          | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>% |  |
| 28,7     | 97,7                          | 225            | 2,5     | 93      | 48,8                          | 250            | 1,4     | 93      | 31,4                         | 270            | 0,96    | 93      | 17,4                         | 270            | 0,53    | 93      | 112<br>(B5-B14)<br><br>100<br>(B5-B14)<br><br>90<br>(B5-B14)<br><br>80<br>(B5-B14)<br><br>71<br>(B5-B14) |
| 32,0     | 87,5                          | 225            | 2,2     | 93      | 43,8                          | 250            | 1,2     | 93      | 28,1                         | 270            | 0,86    | 93      | 15,6                         | 270            | 0,48    | 93      |  |
| 40,9     | 68,4                          | 225            | 1,7     | 93      | 34,2                          | 250            | 0,96    | 93      | 22,0                         | 270            | 0,67    | 93      | 12,2                         | 270            | 0,37    | 93      |  |
| 45,7     | 61,3                          | 225            | 1,6     | 93      | 30,7                          | 250            | 0,86    | 93      | 19,7                         | 270            | 0,60    | 93      | 11,0                         | 270            | 0,33    | 93      |  |
| 52,8     | 53,0                          | 225            | 1,3     | 93      | 26,5                          | 250            | 0,75    | 93      | 17,0                         | 270            | 0,52    | 93      | 9,5                          | 270            | 0,29    | 93      |  |
| 60,1     | 46,6                          | 225            | 1,2     | 93      | 23,3                          | 250            | 0,66    | 93      | 15,0                         | 270            | 0,46    | 93      | 8,3                          | 270            | 0,25    | 93      |  |
| 70,6     | 39,7                          | 225            | 1,0     | 93      | 19,8                          | 250            | 0,56    | 93      | 12,7                         | 270            | 0,39    | 93      | 7,1                          | 270            | 0,22    | 93      |  |
| 85,7     | 32,7                          | 225            | 0,83    | 93      | 16,3                          | 250            | 0,46    | 93      | 10,5                         | 270            | 0,32    | 93      | 5,8                          | 270            | 0,18    | 93      |  |
| 100,7    | 27,8                          | 225            | 0,70    | 93      | 13,9                          | 250            | 0,39    | 93      | 8,9                          | 270            | 0,27    | 93      | 5,0                          | 270            | 0,15    | 93      |  |
| 107,1    | 26,1                          | 225            | 0,66    | 93      | 13,1                          | 250            | 0,37    | 93      | 8,4                          | 270            | 0,26    | 93      | 4,7                          | 270            | 0,14    | 93      |  |
| 132,7    | 21,1                          | 225            | 0,53    | 93      | 10,6                          | 250            | 0,30    | 93      | 6,8                          | 270            | 0,21    | 93      | 3,8                          | 270            | 0,11    | 93      |  |
| 152,9    | 18,3                          | 225            | 0,46    | 93      | 9,2                           | 250            | 0,26    | 93      | 5,9                          | 270            | 0,18    | 93      | 3,3                          | 270            | 0,10    | 93      |  |
| 188,9    | 14,8                          | 225            | 0,38    | 93      | 7,4                           | 250            | 0,21    | 93      | 4,8                          | 270            | 0,15    | 93      | 2,6                          | 270            | 0,08    | 93      |  |
| 232,0    | 12,1                          | 225            | 0,31    | 93      | 6,0                           | 250            | 0,17    | 93      | 3,9                          | 270            | 0,12    | 93      | 2,2                          | 270            | 0,07    | 93      |  |

| PLR 45_4 |                               | 250 Nm         |         |         |                               |                |         |         |                              |                |         |         |                              | Kg             | 12.5    |         |                              |
|----------|-------------------------------|----------------|---------|---------|-------------------------------|----------------|---------|---------|------------------------------|----------------|---------|---------|------------------------------|----------------|---------|---------|------------------------------|
| ir       | $n_1 = 2800 \text{ min}^{-1}$ |                |         |         | $n_1 = 1400 \text{ min}^{-1}$ |                |         |         | $n_1 = 900 \text{ min}^{-1}$ |                |         |         | $n_1 = 500 \text{ min}^{-1}$ |                |         |         | IEC                          |
|          | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>    | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>% | $n_2$<br>min <sup>-1</sup>   | $T_{2M}$<br>Nm | P<br>kW | RD<br>% |                              |
| 301,6    | 9,3                           | 225            | 0,24    | 91      | 4,6                           | 250            | 0,13    | 91      | 3,0                          | 270            | 0,09    | 91      | 1,7                          | 270            | 0,05    | 91      | 80<br>(B5)<br><br>71<br>(B5) |
| 366,2    | 7,6                           | 225            | 0,20    | 91      | 3,8                           | 250            | 0,11    | 91      | 2,5                          | 270            | 0,08    | 91      | 1,4                          | 270            | 0,04    | 91      |                              |
| 430,4    | 6,5                           | 225            | 0,17    | 91      | 3,3                           | 250            | 0,09    | 91      | 2,1                          | 270            | 0,07    | 91      | 1,2                          | 270            | 0,04    | 91      |                              |
| 457,8    | 6,1                           | 225            | 0,16    | 91      | 3,1                           | 250            | 0,09    | 91      | 2,0                          | 270            | 0,06    | 91      | 1,1                          | 270            | 0,03    | 91      |                              |
| 566,8    | 4,9                           | 225            | 0,13    | 91      | 2,5                           | 250            | 0,07    | 91      | 1,6                          | 270            | 0,05    | 91      | 0,88                         | 270            | 0,03    | 91      |                              |
| 653,3    | 4,3                           | 225            | 0,11    | 91      | 2,1                           | 250            | 0,06    | 91      | 1,4                          | 270            | 0,04    | 91      | 0,77                         | 270            | 0,02    | 91      |                              |
| 807,0    | 3,5                           | 225            | 0,09    | 91      | 1,7                           | 250            | 0,05    | 91      | 1,1                          | 270            | 0,03    | 91      | 0,62                         | 270            | 0,02    | 91      |                              |
| 991,4    | 2,8                           | 225            | 0,07    | 91      | 1,4                           | 250            | 0,04    | 91      | 0,91                         | 270            | 0,03    | 91      | 0,50                         | 270            | 0,02    | 91      |                              |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 6.5   |



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PR 71_2 |   | 450 Nm             |      |      |   |                    |      |      |  |                    |      |      |  | Kg 14.0            |      |      |                   |
|---------|---|--------------------|------|------|---|--------------------|------|------|--|--------------------|------|------|--|--------------------|------|------|-------------------|
| ir      | n <sub>1</sub> = 2800 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 1400 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 900 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 500 min <sup>-1</sup> |                    |      |      | IEC               |
|         | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % |                   |
| 2.6     | 1078.5                                  | 120                | 14.3 | 95   | 539.3                                   | 130                | 7.7  | 95   | 346.7                                  | 130                | 5.0  | 95   | 192.6                                  | 130                | 2.8  | 95   | 112 B5<br>112 B14 |
| 3.2     | 880.4                                   | 140                | 13.6 | 95   | 440.2                                   | 150                | 7.3  | 95   | 283.0                                  | 150                | 4.7  | 95   | 157.2                                  | 150                | 2.6  | 95   |                   |
| 3.8     | 745.8                                   | 160                | 13.2 | 95   | 372.9                                   | 175                | 7.2  | 95   | 239.7                                  | 180                | 4.8  | 95   | 133.2                                  | 180                | 2.6  | 95   |                   |
| 4.3     | 650.3                                   | 180                | 12.9 | 95   | 325.2                                   | 200                | 7.2  | 95   | 209.0                                  | 210                | 4.8  | 95   | 116.1                                  | 210                | 2.7  | 95   |                   |
| 5.3     | 530.9                                   | 180                | 10.5 | 95   | 265.4                                   | 210                | 6.1  | 95   | 170.6                                  | 230                | 4.3  | 95   | 94.8                                   | 230                | 2.4  | 95   |                   |
| 6.2     | 449.7                                   | 230                | 11.4 | 95   | 224.8                                   | 260                | 6.4  | 95   | 144.5                                  | 300                | 4.8  | 95   | 80.3                                   | 300                | 2.7  | 95   |                   |
| 7.1     | 395.3                                   | 270                | 11.8 | 95   | 197.6                                   | 300                | 6.5  | 95   | 127.1                                  | 330                | 4.6  | 95   | 70.6                                   | 330                | 2.6  | 95   |                   |
| 8.7     | 322.7                                   | 280                | 10.0 | 95   | 161.3                                   | 310                | 5.5  | 95   | 103.7                                  | 350                | 4.0  | 95   | 57.6                                   | 350                | 2.2  | 95   |                   |
| 10.2    | 273.3                                   | 370                | 11.1 | 95   | 136.7                                   | 420                | 6.3  | 95   | 87.9                                   | 470                | 4.6  | 95   | 48.8                                   | 470                | 2.5  | 95   |                   |
| 11.6    | 242.0                                   | 380                | 10.1 | 95   | 121.0                                   | 430                | 5.7  | 95   | 77.8                                   | 480                | 4.1  | 95   | 43.2                                   | 480                | 2.3  | 95   |                   |
| 12.3    | 228.2                                   | 280                | 7.0  | 95   | 114.1                                   | 300                | 3.8  | 95   | 73.3                                   | 310                | 2.5  | 95   | 40.7                                   | 310                | 1.4  | 95   |                   |
| 14.0    | 199.5                                   | 400                | 8.8  | 95   | 99.8                                    | 450                | 4.9  | 95   | 64.1                                   | 480                | 3.4  | 95   | 35.6                                   | 480                | 1.9  | 95   |                   |
| 16.1    | 173.9                                   | 420                | 8.0  | 95   | 86.9                                    | 460                | 4.4  | 95   | 55.9                                   | 480                | 3.0  | 95   | 31.0                                   | 480                | 1.6  | 95   |                   |
| 17.3    | 161.7                                   | 420                | 7.5  | 95   | 80.9                                    | 460                | 4.1  | 95   | 52.0                                   | 480                | 2.8  | 95   | 28.9                                   | 480                | 1.5  | 95   |                   |
| 18.7    | 150.0                                   | 420                | 6.9  | 95   | 75.0                                    | 460                | 3.8  | 95   | 48.2                                   | 480                | 2.6  | 95   | 26.8                                   | 480                | 1.4  | 95   |                   |
| 20.2    | 138.7                                   | 420                | 6.4  | 95   | 69.3                                    | 460                | 3.5  | 95   | 44.6                                   | 480                | 2.4  | 95   | 24.8                                   | 480                | 1.3  | 95   |                   |
| 21.9    | 127.8                                   | 420                | 5.9  | 95   | 63.9                                    | 460                | 3.2  | 95   | 41.1                                   | 480                | 2.2  | 95   | 22.8                                   | 480                | 1.2  | 95   |                   |
| 25.3    | 110.9                                   | 360                | 4.4  | 95   | 55.4                                    | 410                | 2.5  | 95   | 35.6                                   | 410                | 1.6  | 95   | 19.8                                   | 410                | 0.9  | 95   |                   |
| 28.8    | 97.2                                    | 410                | 4.4  | 95   | 48.6                                    | 460                | 2.5  | 95   | 31.2                                   | 460                | 1.6  | 95   | 17.4                                   | 460                | 0.9  | 95   |                   |
| 33.1    | 84.7                                    | 370                | 3.5  | 95   | 42.4                                    | 410                | 1.9  | 95   | 27.2                                   | 410                | 1.2  | 95   | 15.1                                   | 410                | 0.7  | 95   |                   |
| 37.3    | 75.1                                    | 365                | 3.0  | 95   | 37.5                                    | 410                | 1.7  | 95   | 24.1                                   | 410                | 1.1  | 95   | 13.4                                   | 420                | 0.6  | 95   |                   |
| 44.7    | 62.6                                    | 400                | 2.8  | 95   | 31.3                                    | 460                | 1.6  | 95   | 20.1                                   | 460                | 1.0  | 95   | 11.2                                   | 480                | 0.6  | 95   |                   |
| 50.5    | 55.5                                    | 400                | 2.4  | 95   | 27.7                                    | 460                | 1.4  | 95   | 17.8                                   | 460                | 0.9  | 95   | 9.9                                    | 480                | 0.5  | 95   |                   |

| PR 71_3 |   | 450 Nm             |      |      |   |                    |      |      |  |                    |      |      |  | Kg 14.0            |      |      |                 |
|---------|---|--------------------|------|------|---|--------------------|------|------|--|--------------------|------|------|--|--------------------|------|------|-----------------|
| ir      | n <sub>1</sub> = 2800 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 1400 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 900 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 500 min <sup>-1</sup> |                    |      |      | IEC             |
|         | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % |                 |
| 39.5    | 70.8                                    | 420                | 3.3  | 93   | 35.4                                    | 460                | 1.8  | 93   | 22.8                                   | 470                | 1.2  | 93   | 12.6                                   | 480                | 0.7  | 93   | 90 B5<br>90 B14 |
| 53.5    | 52.3                                    | 420                | 2.5  | 93   | 26.2                                    | 460                | 1.4  | 93   | 16.8                                   | 460                | 0.9  | 93   | 9.3                                    | 480                | 0.5  | 93   |                 |
| 60.8    | 46.0                                    | 420                | 2.2  | 93   | 23.0                                    | 460                | 1.2  | 93   | 14.8                                   | 460                | 0.8  | 93   | 8.2                                    | 480                | 0.4  | 93   |                 |
| 64.2    | 43.6                                    | 420                | 2.1  | 93   | 21.8                                    | 460                | 1.1  | 93   | 14.0                                   | 470                | 0.7  | 93   | 7.8                                    | 480                | 0.4  | 93   |                 |
| 75.4    | 37.2                                    | 420                | 1.8  | 93   | 18.6                                    | 460                | 1.0  | 93   | 11.9                                   | 470                | 0.6  | 93   | 6.6                                    | 480                | 0.4  | 93   |                 |
| 86.8    | 32.3                                    | 420                | 1.5  | 93   | 16.1                                    | 460                | 0.8  | 93   | 10.4                                   | 470                | 0.5  | 93   | 5.8                                    | 480                | 0.3  | 93   |                 |
| 91.5    | 30.6                                    | 420                | 1.4  | 93   | 15.3                                    | 460                | 0.8  | 93   | 9.8                                    | 470                | 0.5  | 93   | 5.5                                    | 480                | 0.3  | 93   |                 |
| 99.3    | 28.2                                    | 420                | 1.3  | 93   | 14.1                                    | 460                | 0.7  | 93   | 9.1                                    | 470                | 0.5  | 93   | 5.0                                    | 480                | 0.3  | 93   |                 |
| 107.5   | 26.0                                    | 420                | 1.2  | 93   | 13.0                                    | 460                | 0.7  | 93   | 8.4                                    | 470                | 0.4  | 93   | 4.6                                    | 480                | 0.3  | 93   |                 |
| 123.8   | 22.6                                    | 420                | 1.1  | 93   | 11.3                                    | 460                | 0.6  | 93   | 7.3                                    | 480                | 0.4  | 93   | 4.0                                    | 520                | 0.2  | 93   |                 |
| 134.3   | 20.9                                    | 420                | 1.0  | 93   | 10.4                                    | 460                | 0.5  | 93   | 6.7                                    | 490                | 0.4  | 93   | 3.7                                    | 520                | 0.2  | 93   |                 |
| 154.8   | 18.1                                    | 420                | 0.9  | 93   | 9.0                                     | 460                | 0.5  | 93   | 5.8                                    | 500                | 0.3  | 93   | 3.2                                    | 520                | 0.2  | 93   |                 |
| 163.2   | 17.2                                    | 420                | 0.8  | 93   | 8.6                                     | 460                | 0.4  | 93   | 5.5                                    | 470                | 0.3  | 93   | 3.1                                    | 480                | 0.2  | 93   |                 |
| 191.6   | 14.6                                    | 450                | 0.7  | 93   | 7.3                                     | 490                | 0.4  | 93   | 4.7                                    | 520                | 0.3  | 93   | 2.6                                    | 540                | 0.2  | 93   |                 |
| 220.8   | 12.7                                    | 450                | 0.6  | 93   | 6.3                                     | 500                | 0.4  | 93   | 4.1                                    | 520                | 0.2  | 93   | 2.3                                    | 540                | 0.1  | 93   |                 |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 7.5   |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.





1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PR 80_2 |   | 600 Nm             |      |      |   |                    |      |      |  |                    |      |      |  | Kg                 | 16.0 |      |                   |
|---------|---|--------------------|------|------|---|--------------------|------|------|--|--------------------|------|------|--|--------------------|------|------|-------------------|
| ir      | n <sub>1</sub> = 2800 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 1400 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 900 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 500 min <sup>-1</sup> |                    |      |      | IEC               |
|         | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % |                   |
| 4,6     | 615,4                                   | 540                | 36,7 | 95,0 | 307,7                                   | 600                | 20,4 | 95,0 | 197,8                                  | 654                | 14,3 | 95,0 | 109,9                                  | 706                | 8,6  | 95,0 | 132 B5<br>132 B14 |
| 5,7     | 491,6                                   | 603                | 32,7 | 95,0 | 245,8                                   | 670                | 18,2 | 95,0 | 158,0                                  | 730                | 12,7 | 95,0 | 87,8                                   | 788                | 7,6  | 95,0 |                   |
| 6,7     | 419,0                                   | 612                | 28,3 | 95,0 | 209,5                                   | 680                | 15,7 | 95,0 | 134,7                                  | 740                | 11,0 | 95,0 | 74,8                                   | 800                | 6,6  | 95,0 |                   |
| 7,2     | 387,7                                   | 603                | 25,8 | 95,0 | 193,8                                   | 670                | 14,3 | 95,0 | 124,6                                  | 730                | 10,0 | 95,0 | 69,2                                   | 788                | 6,0  | 95,0 |                   |
| 8,4     | 334,8                                   | 612                | 22,6 | 95,0 | 167,4                                   | 680                | 12,5 | 95,0 | 107,6                                  | 740                | 8,8  | 95,0 | 59,8                                   | 800                | 5,3  | 95,0 |                   |
| 9,4     | 297,9                                   | 621                | 20,4 | 95,0 | 149,0                                   | 690                | 11,3 | 95,0 | 95,8                                   | 751                | 7,9  | 95,0 | 53,2                                   | 811                | 4,8  | 95,0 |                   |
| 10,0    | 279,0                                   | 594                | 18,3 | 95,0 | 139,5                                   | 660                | 10,1 | 95,0 | 89,7                                   | 719                | 7,1  | 95,0 | 49,8                                   | 776                | 4,3  | 95,0 |                   |
| 11,6    | 240,9                                   | 594                | 15,8 | 95,0 | 120,4                                   | 660                | 8,8  | 95,0 | 77,4                                   | 719                | 6,1  | 95,0 | 43,0                                   | 776                | 3,7  | 95,0 |                   |
| 13,7    | 203,7                                   | 675                | 15,2 | 95,0 | 101,9                                   | 750                | 8,4  | 95,0 | 65,5                                   | 817                | 5,9  | 95,0 | 36,4                                   | 882                | 3,5  | 95,0 |                   |
| 14,7    | 190,0                                   | 675                | 14,1 | 95,0 | 95,0                                    | 750                | 7,9  | 95,0 | 61,1                                   | 817                | 5,5  | 95,0 | 33,9                                   | 882                | 3,3  | 95,0 |                   |
| 17,1    | 164,0                                   | 765                | 13,8 | 95,0 | 82,0                                    | 850                | 7,7  | 95,0 | 52,7                                   | 926                | 5,4  | 95,0 | 29,3                                   | 1000               | 3,2  | 95,0 |                   |
| 18,5    | 151,7                                   | 810                | 13,5 | 95,0 | 75,9                                    | 900                | 7,5  | 95,0 | 48,8                                   | 980                | 5,3  | 95,0 | 27,1                                   | 1058               | 3,2  | 95,0 |                   |
| 19,5    | 143,7                                   | 540                | 8,6  | 95,0 | 71,8                                    | 600                | 4,8  | 95,0 | 46,2                                   | 653                | 3,3  | 95,0 | 25,7                                   | 706                | 2,0  | 95,0 |                   |
| 20,5    | 136,4                                   | 540                | 8,1  | 95,0 | 68,2                                    | 600                | 4,5  | 95,0 | 43,8                                   | 653                | 3,2  | 95,0 | 24,4                                   | 706                | 1,9  | 95,0 |                   |
| 21,5    | 130,5                                   | 540                | 7,8  | 95,0 | 65,2                                    | 600                | 4,3  | 95,0 | 41,9                                   | 653                | 3,0  | 95,0 | 23,3                                   | 706                | 1,8  | 95,0 |                   |
| 23,9    | 117,2                                   | 540                | 7,0  | 95,0 | 58,6                                    | 600                | 3,9  | 95,0 | 37,7                                   | 653                | 2,7  | 95,0 | 20,9                                   | 706                | 1,6  | 95,0 |                   |
| 26,3    | 106,5                                   | 540                | 6,3  | 95,0 | 53,2                                    | 600                | 3,5  | 95,0 | 34,2                                   | 653                | 2,5  | 95,0 | 19,0                                   | 706                | 1,5  | 95,0 |                   |
| 28,4    | 98,6                                    | 540                | 5,9  | 95,0 | 49,3                                    | 600                | 3,3  | 95,0 | 31,7                                   | 653                | 2,3  | 95,0 | 17,6                                   | 706                | 1,4  | 95,0 |                   |
| 30,2    | 92,9                                    | 540                | 5,5  | 95,0 | 46,4                                    | 600                | 3,1  | 95,0 | 29,8                                   | 653                | 2,1  | 95,0 | 16,6                                   | 706                | 1,3  | 95,0 |                   |
| 34,8    | 80,5                                    | 540                | 4,8  | 95,0 | 40,2                                    | 600                | 2,7  | 95,0 | 25,9                                   | 653                | 1,9  | 95,0 | 14,4                                   | 706                | 1,1  | 95,0 |                   |
| 38,0    | 73,8                                    | 540                | 4,4  | 95,0 | 36,9                                    | 600                | 2,4  | 95,0 | 23,7                                   | 653                | 1,7  | 95,0 | 13,2                                   | 706                | 1,0  | 95,0 |                   |
| 39,6    | 70,6                                    | 450                | 3,5  | 95,0 | 35,3                                    | 500                | 1,9  | 95,0 | 22,7                                   | 544                | 1,4  | 95,0 | 12,6                                   | 588                | 0,8  | 95,0 |                   |
| 42,3    | 66,3                                    | 450                | 3,3  | 95,0 | 33,1                                    | 500                | 1,8  | 95,0 | 21,3                                   | 544                | 1,3  | 95,0 | 11,8                                   | 588                | 0,8  | 95,0 |                   |
| 48,1    | 58,2                                    | 450                | 2,9  | 95,0 | 29,1                                    | 500                | 1,6  | 95,0 | 18,7                                   | 544                | 1,1  | 95,0 | 10,4                                   | 588                | 0,7  | 95,0 |                   |
| 50,9    | 55,0                                    | 315                | 1,9  | 95,0 | 27,5                                    | 350                | 1,1  | 95,0 | 17,7                                   | 381                | 0,7  | 95,0 | 9,8                                    | 412                | 0,4  | 95,0 |                   |
| 55,5    | 50,5                                    | 315                | 1,8  | 95,0 | 25,2                                    | 350                | 1,0  | 95,0 | 16,2                                   | 381                | 0,7  | 95,0 | 9,0                                    | 412                | 0,4  | 95,0 |                   |
| 61,8    | 45,3                                    | 315                | 1,6  | 95,0 | 22,7                                    | 350                | 0,9  | 95,0 | 14,6                                   | 381                | 0,6  | 95,0 | 8,1                                    | 412                | 0,4  | 95,0 |                   |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 7.5   |

| PLR 65_3 |   | 600 Nm             |      |      |   |                    |      |      |  |                    |      |      |  | Kg                 | 18   |      |                 |
|----------|---|--------------------|------|------|---|--------------------|------|------|--|--------------------|------|------|--|--------------------|------|------|-----------------|
| ir       | n <sub>1</sub> = 2800 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 1400 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 900 min <sup>-1</sup> |                    |      |      | n <sub>1</sub> = 500 min <sup>-1</sup> |                    |      |      | IEC             |
|          | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>        | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % | n <sub>2</sub> min <sup>-1</sup>       | T <sub>2M</sub> Nm | P kW | RD % |                 |
| 26,4     | 106,2                                   | 540                | 6,5  | 93   | 53,1                                    | 600                | 3,6  | 93   | 34,1                                   | 650                | 2,5  | 93   | 19,0                                   | 650                | 1,4  | 93   | 112<br>(B5-B14) |
| 32,3     | 86,7                                    | 540                | 5,3  | 93   | 43,3                                    | 600                | 2,9  | 93   | 27,9                                   | 650                | 2,0  | 93   | 15,5                                   | 650                | 1,1  | 93   |                 |
| 37,6     | 74,5                                    | 540                | 4,5  | 93   | 37,3                                    | 600                | 2,5  | 93   | 24,0                                   | 650                | 1,8  | 93   | 13,3                                   | 650                | 1,0  | 93   |                 |
| 46,0     | 60,8                                    | 540                | 3,7  | 93   | 30,4                                    | 600                | 2,1  | 93   | 19,6                                   | 650                | 1,4  | 93   | 10,9                                   | 650                | 0,79 | 93   |                 |
| 54,3     | 51,5                                    | 540                | 3,1  | 93   | 25,8                                    | 600                | 1,7  | 93   | 16,6                                   | 650                | 1,2  | 93   | 9,2                                    | 650                | 0,67 | 93   |                 |
| 64,4     | 43,4                                    | 540                | 2,6  | 93   | 21,7                                    | 600                | 1,5  | 93   | 14,0                                   | 650                | 1,0  | 93   | 7,8                                    | 650                | 0,57 | 93   |                 |
| 74,4     | 37,6                                    | 540                | 2,3  | 93   | 18,8                                    | 600                | 1,3  | 93   | 12,1                                   | 650                | 0,89 | 93   | 6,7                                    | 650                | 0,49 | 93   |                 |
| 85,4     | 32,8                                    | 540                | 2,0  | 93   | 16,4                                    | 600                | 1,1  | 93   | 10,5                                   | 650                | 0,77 | 93   | 5,9                                    | 650                | 0,43 | 93   |                 |
| 99,0     | 28,3                                    | 540                | 1,7  | 93   | 14,1                                    | 600                | 0,96 | 93   | 9,1                                    | 650                | 0,67 | 93   | 5,0                                    | 650                | 0,37 | 93   |                 |
| 116,2    | 24,1                                    | 540                | 1,5  | 93   | 12,0                                    | 600                | 0,81 | 93   | 7,7                                    | 650                | 0,57 | 93   | 4,3                                    | 650                | 0,31 | 93   |                 |
| 138,8    | 20,2                                    | 540                | 1,2  | 93   | 10,1                                    | 600                | 0,68 | 93   | 6,5                                    | 650                | 0,48 | 93   | 3,6                                    | 650                | 0,26 | 93   |                 |
| 152,8    | 18,3                                    | 540                | 1,1  | 93   | 9,2                                     | 600                | 0,62 | 93   | 5,9                                    | 650                | 0,43 | 93   | 3,3                                    | 650                | 0,24 | 93   |                 |
| 175,4    | 16,0                                    | 540                | 1,0  | 93   | 8,0                                     | 600                | 0,54 | 93   | 5,1                                    | 650                | 0,38 | 93   | 2,9                                    | 650                | 0,21 | 93   |                 |
| 197,9    | 14,1                                    | 540                | 0,86 | 93   | 7,1                                     | 600                | 0,48 | 93   | 4,5                                    | 650                | 0,33 | 93   | 2,5                                    | 650                | 0,18 | 93   |                 |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 8.0   |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

Table for PR 90\_2 gearboxes. Columns include input speed n1 (2800, 1400, 900, 500 min-1), output speed n2, torque T2M, power P, efficiency RD, and IEC classes. Total 30 rows.

Table for PR 90\_3 gearboxes. Columns include input speed n1 (2800, 1400, 900, 500 min-1), output speed n2, torque T2M, power P, efficiency RD, and IEC classes. Total 30 rows.

Summary table for PtN [kW] across all ratios, showing a value of 10.5.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore...

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity...

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten...

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PR 100_2 |   | 1200 Nm               |         |         |   | Kg                    |         |         |  | 45.00                 |         |         |  | IEC                   |         |         |                                     |                       |         |         |
|----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|-----------------------|---------|---------|-------------------------------------|-----------------------|---------|---------|
| ir       | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |                       |         |         |                                     |                       |         |         |
|          | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup> | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% |
| 3,1      | 913,0                                   | 810                   | 81,5    | 95,0    | 456,5                                   | 900                   | 45,3    | 95,0    | 293,5                                  | 980                   | 31,7    | 95,0    | 163,0                                  | 980                   | 17,6    | 95,0    |                                     |                       |         |         |
| 3,6      | 785,4                                   | 810                   | 70,1    | 95,0    | 392,7                                   | 900                   | 39,0    | 95,0    | 252,5                                  | 980                   | 27,3    | 95,0    | 140,3                                  | 980                   | 15,1    | 95,0    |                                     |                       |         |         |
| 4,7      | 594,1                                   | 810                   | 53,0    | 95,0    | 297,0                                   | 900                   | 29,5    | 95,0    | 191,0                                  | 980                   | 20,6    | 95,0    | 106,1                                  | 980                   | 11,5    | 95,0    |                                     |                       |         |         |
| 5,3      | 533,0                                   | 810                   | 47,6    | 95,0    | 266,5                                   | 900                   | 26,4    | 95,0    | 171,3                                  | 980                   | 18,5    | 95,0    | 95,2                                   | 980                   | 10,3    | 95,0    |                                     |                       |         |         |
| 6,1      | 462,5                                   | 810                   | 41,3    | 95,0    | 231,3                                   | 900                   | 22,9    | 95,0    | 148,7                                  | 980                   | 16,1    | 95,0    | 82,6                                   | 980                   | 8,9     | 95,0    |                                     |                       |         |         |
| 7,0      | 397,9                                   | 810                   | 35,5    | 95,0    | 198,9                                   | 900                   | 19,7    | 95,0    | 127,9                                  | 980                   | 13,8    | 95,0    | 71,0                                   | 980                   | 7,7     | 95,0    |                                     |                       |         |         |
| 8,2      | 343,3                                   | 900                   | 34,1    | 95,0    | 171,7                                   | 1000                  | 18,9    | 95,0    | 110,3                                  | 1089                  | 13,2    | 95,0    | 61,3                                   | 1089                  | 7,4     | 95,0    |                                     |                       |         |         |
| 9,3      | 300,9                                   | 990                   | 32,8    | 95,0    | 150,5                                   | 1100                  | 18,2    | 95,0    | 96,7                                   | 1198                  | 12,8    | 95,0    | 53,7                                   | 1198                  | 7,1     | 95,0    |                                     |                       |         |         |
| 10,4     | 270,0                                   | 1080                  | 32,1    | 95,0    | 135,0                                   | 1200                  | 17,9    | 95,0    | 86,8                                   | 1307                  | 12,5    | 95,0    | 48,2                                   | 1307                  | 6,9     | 95,0    |                                     |                       | 180 B5  |         |
| 12,1     | 231,6                                   | 1080                  | 27,6    | 95,0    | 115,8                                   | 1200                  | 15,3    | 95,0    | 74,4                                   | 1307                  | 10,7    | 95,0    | 41,4                                   | 1307                  | 6,0     | 95,0    |                                     |                       |         |         |
| 13,7     | 205,1                                   | 1080                  | 24,4    | 95,0    | 102,5                                   | 1200                  | 13,6    | 95,0    | 65,9                                   | 1307                  | 9,5     | 95,0    | 36,6                                   | 1307                  | 5,3     | 95,0    |                                     |                       | 160 B5  |         |
| 14,8     | 189,3                                   | 1080                  | 22,5    | 95,0    | 94,7                                    | 1200                  | 12,5    | 95,0    | 60,9                                   | 1307                  | 8,8     | 95,0    | 33,8                                   | 1307                  | 4,9     | 95,0    |                                     |                       |         |         |
| 16,9     | 165,9                                   | 1080                  | 19,7    | 95,0    | 82,9                                    | 1200                  | 11,0    | 95,0    | 53,3                                   | 1307                  | 7,7     | 95,0    | 29,6                                   | 1307                  | 4,3     | 95,0    |                                     |                       | 132 B5  |         |
| 18,1     | 154,7                                   | 1080                  | 18,4    | 95,0    | 77,3                                    | 1200                  | 10,2    | 95,0    | 49,7                                   | 1307                  | 7,2     | 95,0    | 27,6                                   | 1307                  | 4,0     | 95,0    |                                     |                       |         |         |
| 21,0     | 133,5                                   | 1080                  | 15,9    | 95,0    | 66,7                                    | 1200                  | 8,8     | 95,0    | 42,9                                   | 1307                  | 6,2     | 95,0    | 23,8                                   | 1307                  | 3,4     | 95,0    |                                     |                       | 112 B5  |         |
| 24,4     | 114,9                                   | 1080                  | 13,7    | 95,0    | 57,5                                    | 1200                  | 7,6     | 95,0    | 36,9                                   | 1307                  | 5,3     | 95,0    | 20,5                                   | 1307                  | 3,0     | 95,0    |                                     |                       | 100 B5  |         |
| 27,0     | 103,6                                   | 1080                  | 12,3    | 95,0    | 51,8                                    | 1200                  | 6,9     | 95,0    | 33,3                                   | 1307                  | 4,8     | 95,0    | 18,5                                   | 1307                  | 2,7     | 95,0    |                                     |                       |         |         |
| 29,7     | 94,3                                    | 1080                  | 11,2    | 95,0    | 47,1                                    | 1200                  | 6,2     | 95,0    | 30,3                                   | 1307                  | 4,4     | 95,0    | 16,8                                   | 1307                  | 2,4     | 95,0    |                                     |                       |         |         |
| 31,3     | 89,4                                    | 1080                  | 10,6    | 95,0    | 44,7                                    | 1200                  | 5,9     | 95,0    | 28,7                                   | 1307                  | 4,1     | 95,0    | 16,0                                   | 1307                  | 2,3     | 95,0    |                                     |                       |         |         |
| 34,4     | 81,4                                    | 1080                  | 9,7     | 95,0    | 40,7                                    | 1200                  | 5,4     | 95,0    | 26,2                                   | 1307                  | 3,8     | 95,0    | 14,5                                   | 1307                  | 2,1     | 95,0    |                                     |                       |         |         |
| 37,7     | 74,3                                    | 990                   | 8,1     | 95,0    | 37,2                                    | 1100                  | 4,5     | 95,0    | 23,9                                   | 1198                  | 3,2     | 95,0    | 13,3                                   | 1198                  | 1,8     | 95,0    |                                     |                       |         |         |
| 43,4     | 64,5                                    | 900                   | 6,4     | 95,0    | 32,2                                    | 1000                  | 3,6     | 95,0    | 20,7                                   | 1089                  | 2,5     | 95,0    | 11,5                                   | 1089                  | 1,4     | 95,0    |                                     |                       |         |         |
| 47,5     | 58,9                                    | 900                   | 5,8     | 95,0    | 29,5                                    | 1000                  | 3,2     | 95,0    | 18,9                                   | 1089                  | 2,3     | 95,0    | 10,5                                   | 1089                  | 1,3     | 95,0    |                                     |                       |         |         |
| 54,8     | 51,1                                    | 900                   | 5,1     | 95,0    | 25,5                                    | 1000                  | 2,8     | 95,0    | 16,4                                   | 1089                  | 2,0     | 95,0    | 9,1                                    | 1089                  | 1,1     | 95,0    |                                     |                       |         |         |
| 61,8*    | 45,3                                    | 900                   | 4,5     | 95,0    | 22,7                                    | 1000                  | 2,5     | 95,0    | 14,6                                   | 1089                  | 1,7     | 95,0    | 8,1                                    | 1089                  | 1,0     | 95,0    |                                     |                       |         |         |

|                      |   |
|----------------------|---|
| P <sub>TN</sub> [kW] | tutti i rapporti / all ratios / alle Untersetzungen |
|                      | 15.0  |

| PLR 85_3 |   | 1200 Nm               |         |         |   | Kg                    |         |         |  | 37                    |         |         |  | IEC                   |         |         |                                     |                       |         |          |
|----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|-----------------------|---------|---------|-------------------------------------|-----------------------|---------|----------|
| ir       | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |                       |         |         |                                     |                       |         |          |
|          | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup> | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>%  |
| 23,8     | 117,9                                   | 720                   | 9,6     | 93      | 58,9                                    | 800                   | 5,3     | 93      | 37,9                                   | 850                   | 3,7     | 93      | 21,0                                   | 850                   | 2,0     | 93      |                                     |                       |         |          |
| 27,5     | 101,7                                   | 855                   | 9,8     | 93      | 50,8                                    | 950                   | 5,4     | 93      | 32,7                                   | 1000                  | 3,8     | 93      | 18,2                                   | 1000                  | 2,0     | 93      |                                     |                       | 132     | (B5-B14) |
| 34,5     | 81,2                                    | 990                   | 9,1     | 93      | 40,6                                    | 1100                  | 5,0     | 93      | 26,1                                   | 1150                  | 3,5     | 93      | 14,5                                   | 1150                  | 1,9     | 93      |                                     |                       |         |          |
| 38,7     | 72,3                                    | 1080                  | 8,8     | 93      | 36,1                                    | 1200                  | 4,9     | 93      | 23,2                                   | 1300                  | 3,4     | 93      | 12,9                                   | 1300                  | 1,9     | 93      |                                     |                       | 112     | (B5-B14) |
| 43,7     | 64,1                                    | 1080                  | 7,8     | 93      | 32,0                                    | 1200                  | 4,3     | 93      | 20,6                                   | 1300                  | 3,0     | 93      | 11,4                                   | 1300                  | 1,7     | 93      |                                     |                       |         |          |
| 56,3     | 49,7                                    | 1080                  | 6,0     | 93      | 24,9                                    | 1200                  | 3,4     | 93      | 16,0                                   | 1300                  | 2,4     | 93      | 8,9                                    | 1300                  | 1,3     | 93      |                                     |                       |         |          |
| 63,9     | 43,8                                    | 1080                  | 5,3     | 93      | 21,9                                    | 1200                  | 3,0     | 93      | 14,1                                   | 1300                  | 2,1     | 93      | 7,8                                    | 1300                  | 1,1     | 93      |                                     |                       |         |          |
| 74,0     | 37,8                                    | 1080                  | 4,6     | 93      | 18,9                                    | 1200                  | 2,6     | 93      | 12,2                                   | 1300                  | 1,8     | 93      | 6,8                                    | 1300                  | 1,0     | 93      |                                     |                       | 100     | (B5-B14) |
| 84,9     | 33,0                                    | 1080                  | 4,0     | 93      | 16,5                                    | 1200                  | 2,2     | 93      | 10,6                                   | 1300                  | 1,6     | 93      | 5,9                                    | 1300                  | 0,86    | 93      |                                     |                       |         |          |
| 98,0     | 28,6                                    | 1080                  | 3,5     | 93      | 14,3                                    | 1200                  | 1,9     | 93      | 9,2                                    | 1300                  | 1,4     | 93      | 5,1                                    | 1300                  | 0,75    | 93      |                                     |                       |         |          |
| 113,5    | 24,7                                    | 1080                  | 3,0     | 93      | 12,3                                    | 1200                  | 1,7     | 93      | 7,9                                    | 1300                  | 1,2     | 93      | 4,4                                    | 1300                  | 0,64    | 93      |                                     |                       | 90      | (B5-B14) |
| 136,8    | 20,5                                    | 1080                  | 2,5     | 93      | 10,2                                    | 1200                  | 1,4     | 93      | 6,6                                    | 1300                  | 0,97    | 93      | 3,7                                    | 1300                  | 0,54    | 93      |                                     |                       |         |          |
| 160,0    | 17,5                                    | 1080                  | 2,1     | 93      | 8,7                                     | 1200                  | 1,2     | 93      | 5,6                                    | 1300                  | 0,83    | 93      | 3,1                                    | 1300                  | 0,46    | 93      |                                     |                       |         |          |
| 184,6    | 15,2                                    | 1080                  | 1,8     | 93      | 7,6                                     | 1200                  | 1,0     | 93      | 4,9                                    | 1300                  | 0,72    | 93      | 2,7                                    | 1300                  | 0,40    | 93      |                                     |                       | 80      | (B5-B14) |
| 204,1    | 13,7                                    | 1080                  | 1,7     | 93      | 6,9                                     | 1200                  | 0,93    | 93      | 4,4                                    | 1300                  | 0,65    | 93      | 2,4                                    | 1300                  | 0,36    | 93      |                                     |                       |         |          |
| 214,0    | 13,1                                    | 1080                  | 1,6     | 93      | 6,5                                     | 1200                  | 0,88    | 93      | 4,2                                    | 1300                  | 0,62    | 93      | 2,3                                    | 1300                  | 0,34    | 93      |                                     |                       |         |          |
| 234,0    | 12,0                                    | 1080                  | 1,5     | 93      | 6,0                                     | 1200                  | 0,81    | 93      | 3,8                                    | 1300                  | 0,57    | 93      | 2,1                                    | 1300                  | 0,31    | 93      |                                     |                       | 71 B5   |          |
| 270,0    | 10,4                                    | 1080                  | 1,3     | 93      | 5,2                                     | 1200                  | 0,70    | 93      | 3,3                                    | 1300                  | 0,49    | 93      | 1,9                                    | 1300                  | 0,27    | 93      |                                     |                       |         |          |

|                      |   |
|----------------------|---|
| P <sub>TN</sub> [kW] | tutti i rapporti / all ratios / alle Untersetzungen |
|                      | 11.0  |

\* Nei rapporti contrassegnati non è disponibile la versione uscita con albero cavo "Ø 50".

\* Hollow output shaft "Ø 50" not available for ratios marked with this symbol.

\* Bei den gekennzeichneten Übersetzungsverhältnissen ist die Version "Abtrieb mit Hohlwelle" "Ø 50" nicht verfügbar.

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

PR 112\_2

1750 Nm



59

Table with 4 main columns for input speeds n1 = 2800, 1400, 900, and 500 min^-1. Each column contains sub-columns for n2, T2M, P, and RD. The table lists various gear ratios (ir) and their corresponding performance metrics.

PR 112\_3

1750 Nm



59

Table with 4 main columns for input speeds n1 = 2800, 1400, 900, and 500 min^-1. Each column contains sub-columns for n2, T2M, P, and RD. The table lists various gear ratios (ir) and their corresponding performance metrics.

Summary table with PtN [kW] on the left and 'tutti i rapporti all ratios alle Untersetzungen 16.5' on the right.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore...

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity...

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten...

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



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1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

PR 125\_2

2200 Nm



105

Table with 5 main columns for input speed n1 (2800, 1400, 900, 500 min-1) and 5 sub-columns for output speed n2, torque T2M, power P, and efficiency RD. Includes IEC ratings on the right.

Summary table for PtN [kW] with note: tutti i rapporti all ratios alle Untersetzungen 21.0

PLR 95\_3

2400 Nm



55

Table with 5 main columns for input speed n1 (2800, 1400, 900, 500 min-1) and 5 sub-columns for output speed n2, torque T2M, power P, and efficiency RD. Includes IEC ratings on the right.

Summary table for PtN [kW] with note: tutti i rapporti all ratios alle Untersetzungen 16.0

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore...

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity...

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten...

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.





1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PER 125_4 |   | 3500 Nm               |         |         |   | Kg                    |         |         |  | 90                    |         |         |  |                       |         |         |  |
|-----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|-----------------------|---------|---------|--|
| ir        | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |                       |         |         | IEC  |
|           | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% |  |
| 151,5     | 18,5                                    | 3200,0                | 6,9     | 90,0    | 9,2                                     | 3500,0                | 3,8     | 90,0    | 5,9                                    | 3500,0                | 2,4     | 90,0    | 3,3                                    | 3500,0                | 1,3     | 90,0    | 180 B5<br>160 B5<br>132 B5<br>112 B5<br>100 B5<br>90 B5<br>80 B5<br>71 B5<br>63 B5 |
| 185,6     | 15,1                                    | 3200,0                | 5,6     | 90,0    | 7,5                                     | 3500,0                | 3,1     | 90,0    | 4,8                                    | 3500,0                | 2,0     | 90,0    | 2,7                                    | 3500,0                | 1,1     | 90,0    |  |
| 227,3     | 12,3                                    | 3200,0                | 4,6     | 90,0    | 6,2                                     | 3500,0                | 2,5     | 90,0    | 4,0                                    | 3500,0                | 1,6     | 90,0    | 2,2                                    | 3500,0                | 0,9     | 90,0    |  |
| 251,2     | 11,1                                    | 3200,0                | 4,2     | 90,0    | 5,6                                     | 3500,0                | 2,3     | 90,0    | 3,6                                    | 3500,0                | 1,5     | 90,0    | 2,0                                    | 3500,0                | 0,8     | 90,0    |  |
| 273,5     | 10,2                                    | 3000,0                | 3,6     | 90,0    | 5,1                                     | 3200,0                | 1,9     | 90,0    | 3,3                                    | 3200,0                | 1,2     | 90,0    | 1,8                                    | 3200,0                | 0,7     | 90,0    |  |
| 307,7     | 9,1                                     | 3200,0                | 3,4     | 90,0    | 4,5                                     | 3500,0                | 1,9     | 90,0    | 2,9                                    | 3500,0                | 1,2     | 90,0    | 1,6                                    | 3500,0                | 0,7     | 90,0    |  |
| 350,3     | 8,0                                     | 2500,0                | 2,3     | 90,0    | 4,0                                     | 2700,0                | 1,3     | 90,0    | 2,6                                    | 2700,0                | 0,8     | 90,0    | 1,4                                    | 2700,0                | 0,4     | 90,0    |  |
| 383,9     | 7,3                                     | 3200,0                | 2,7     | 90,0    | 3,6                                     | 3500,0                | 1,5     | 90,0    | 2,3                                    | 3500,0                | 1,0     | 90,0    | 1,3                                    | 3500,0                | 0,5     | 90,0    |  |
| 416,3     | 6,7                                     | 3200,0                | 2,5     | 90,0    | 3,4                                     | 3500,0                | 1,4     | 90,0    | 2,2                                    | 3500,0                | 0,9     | 90,0    | 1,2                                    | 3500,0                | 0,5     | 90,0    |  |
| 461,9     | 6,1                                     | 3200,0                | 2,3     | 90,0    | 3,0                                     | 3500,0                | 1,2     | 90,0    | 1,9                                    | 3500,0                | 0,8     | 90,0    | 1,1                                    | 3500,0                | 0,4     | 90,0    |  |
| 519,6     | 5,4                                     | 3200,0                | 2,0     | 90,0    | 2,7                                     | 3500,0                | 1,1     | 90,0    | 1,7                                    | 3500,0                | 0,7     | 90,0    | 1,0                                    | 3500,0                | 0,4     | 90,0    |  |
| 580,5     | 4,8                                     | 2700,0                | 1,5     | 90,0    | 2,4                                     | 2900,0                | 0,8     | 90,0    | 1,6                                    | 2900,0                | 0,5     | 90,0    | 0,9                                    | 2900,0                | 0,3     | 90,0    |  |
| 625,2     | 4,5                                     | 3200,0                | 1,7     | 90,0    | 2,2                                     | 3500,0                | 0,9     | 90,0    | 1,4                                    | 3500,0                | 0,6     | 90,0    | 0,8                                    | 3500,0                | 0,3     | 90,0    |  |
| 648,4     | 4,3                                     | 3200,0                | 1,6     | 90,0    | 2,2                                     | 3500,0                | 0,9     | 90,0    | 1,4                                    | 3500,0                | 0,6     | 90,0    | 0,8                                    | 3500,0                | 0,3     | 90,0    |  |
| 724,6     | 3,9                                     | 2800,0                | 1,3     | 90,0    | 1,9                                     | 3000,0                | 0,7     | 90,0    | 1,2                                    | 3000,0                | 0,4     | 90,0    | 0,7                                    | 3000,0                | 0,2     | 90,0    |  |
| 780,3     | 3,6                                     | 3200,0                | 1,3     | 90,0    | 1,8                                     | 3500,0                | 0,7     | 90,0    | 1,2                                    | 3500,0                | 0,5     | 90,0    | 0,6                                    | 3500,0                | 0,3     | 90,0    |  |
| 904,3     | 3,1                                     | 3000,0                | 1,1     | 90,0    | 1,5                                     | 3200,0                | 0,6     | 90,0    | 1,0                                    | 3200,0                | 0,4     | 90,0    | 0,6                                    | 3200,0                | 0,2     | 90,0    |  |
| 1175      | 2,4                                     | 2500,0                | 0,7     | 90,0    | 1,2                                     | 2700,0                | 0,4     | 90,0    | 0,8                                    | 2700,0                | 0,2     | 90,0    | 0,4                                    | 2700,0                | 0,1     | 90,0    |  |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 10.5  |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5).

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Die angegeben Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

Table for PR 132\_2, 3500 Nm, showing performance metrics (n2, T2M, P, RD) for various gear ratios (n1 = 2800, 1400, 900, 500 min-1) and IEC classes (200 B5, 180 B5, 160 B5, 132 B5, 132 B14, 112 B5, 100 B5).

Summary table for PR 132\_2: PtN [kW] vs. tutti i rapporti all ratios alle Untersetzungen 30.0

Table for PLR 105\_3, 3500 Nm, showing performance metrics (n2, T2M, P, RD) for various gear ratios (n1 = 2800, 1400, 900, 500 min-1) and IEC classes (160 B5, 132 B5, 112 B5, 100 B5, 90 B5, 80 B5).

Summary table for PLR 105\_3: PtN [kW] vs. tutti i rapporti all ratios alle Untersetzungen 22.0

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore...

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity...

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten...

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PER 132_4 |   | 4000 Nm               |         |         |   |                       |         |         |  |                       |         |         |  | Kg 120                |         |         |  |
|-----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|-----------------------|---------|---------|--|
| ir        | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |                       |         |         | IEC  |
|           | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% |  |
| 158,6     | 17,7                                    | 3500                  | 7,2     | 90      | 8,8                                     | 4000                  | 4,1     | 90      | 5,7                                    | 4000                  | 2,6     | 90      | 3,2                                    | 4000                  | 1,5     | 90      | 180 B5<br>160 B5<br>132 B5<br>112 B5<br>100 B5<br>90 B5<br>80 B5<br>71 B5<br>63 B5 |
| 173,5     | 16,1                                    | 3500                  | 6,6     | 90      | 8,1                                     | 4000                  | 3,8     | 90      | 5,2                                    | 4000                  | 2,4     | 90      | 2,9                                    | 4000                  | 1,3     | 90      |  |
| 191,0     | 14,7                                    | 3500                  | 6,0     | 90      | 7,3                                     | 4000                  | 3,4     | 90      | 4,7                                    | 4000                  | 2,2     | 90      | 2,6                                    | 4000                  | 1,2     | 90      |  |
| 212,6     | 13,2                                    | 3500                  | 5,4     | 90      | 6,6                                     | 4000                  | 3,1     | 90      | 4,2                                    | 4000                  | 2,0     | 90      | 2,4                                    | 4000                  | 1,1     | 90      |  |
| 234,0     | 12,0                                    | 3500                  | 4,9     | 90      | 6,0                                     | 4000                  | 2,8     | 90      | 3,8                                    | 4000                  | 1,8     | 90      | 2,1                                    | 4000                  | 1,0     | 90      |  |
| 260,3     | 10,8                                    | 3500                  | 4,4     | 90      | 5,4                                     | 4000                  | 2,5     | 90      | 3,5                                    | 4000                  | 1,6     | 90      | 1,9                                    | 4000                  | 0,9     | 90      |  |
| 286,5     | 9,8                                     | 3500                  | 4,0     | 90      | 4,9                                     | 4000                  | 2,3     | 90      | 3,1                                    | 4000                  | 1,5     | 90      | 1,7                                    | 4000                  | 0,8     | 90      |  |
| 316,6     | 8,8                                     | 3500                  | 3,6     | 90      | 4,4                                     | 4000                  | 2,1     | 90      | 2,8                                    | 4000                  | 1,3     | 90      | 1,6                                    | 4000                  | 0,7     | 90      |  |
| 352,5     | 7,9                                     | 3500                  | 3,2     | 90      | 4,0                                     | 4000                  | 1,8     | 90      | 2,6                                    | 4000                  | 1,2     | 90      | 1,4                                    | 4000                  | 0,7     | 90      |  |
| 387,9     | 7,2                                     | 3500                  | 2,9     | 90      | 3,6                                     | 4000                  | 1,7     | 90      | 2,3                                    | 4000                  | 1,1     | 90      | 1,3                                    | 4000                  | 0,6     | 90      |  |
| 439,7     | 6,4                                     | 3500                  | 2,6     | 90      | 3,2                                     | 4000                  | 1,5     | 90      | 2,0                                    | 4000                  | 1,0     | 90      | 1,1                                    | 4000                  | 0,5     | 90      |  |
| 483,9     | 5,8                                     | 3500                  | 2,4     | 90      | 2,9                                     | 4000                  | 1,3     | 90      | 1,9                                    | 4000                  | 0,9     | 90      | 1,0                                    | 4000                  | 0,5     | 90      |  |
| 524,8     | 5,3                                     | 3500                  | 2,2     | 90      | 2,7                                     | 4000                  | 1,2     | 90      | 1,7                                    | 4000                  | 0,8     | 90      | 1,0                                    | 4000                  | 0,4     | 90      |  |
| 543,9     | 5,1                                     | 3500                  | 2,1     | 90      | 2,6                                     | 4000                  | 1,2     | 90      | 1,7                                    | 4000                  | 0,8     | 90      | 0,9                                    | 4000                  | 0,4     | 90      |  |
| 595,2     | 4,7                                     | 3500                  | 1,9     | 90      | 2,4                                     | 4000                  | 1,1     | 90      | 1,5                                    | 4000                  | 0,7     | 90      | 0,8                                    | 4000                  | 0,4     | 90      |  |
| 655,0     | 4,3                                     | 3500                  | 1,7     | 90      | 2,1                                     | 4000                  | 1,0     | 90      | 1,4                                    | 4000                  | 0,6     | 90      | 0,8                                    | 4000                  | 0,4     | 90      |  |
| 742,8     | 3,8                                     | 3500                  | 1,5     | 90      | 1,9                                     | 4000                  | 0,9     | 90      | 1,2                                    | 4000                  | 0,6     | 90      | 0,7                                    | 4000                  | 0,3     | 90      |  |
| 817,4     | 3,4                                     | 3500                  | 1,4     | 90      | 1,7                                     | 4000                  | 0,8     | 90      | 1,1                                    | 4000                  | 0,5     | 90      | 0,6                                    | 4000                  | 0,3     | 90      |  |
| 905,7     | 3,1                                     | 3500                  | 1,3     | 90      | 1,5                                     | 4000                  | 0,7     | 90      | 1,0                                    | 4000                  | 0,5     | 90      | 0,6                                    | 4000                  | 0,3     | 90      |  |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 12.0  |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5).

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Die angegeben Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

PR 150\_2

5000 Nm



185.0

Table with 4 main columns for input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 4 sub-columns for n2, T2M, P, RD. Includes IEC ratings on the right.

Summary row for PR 150\_2: PtN [kW] tutti i rapporti / all ratios / alle Untersetzungen 38.0

PLR 115\_3

5000 Nm



153

Table with 4 main columns for input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 4 sub-columns for n2, T2M, P, RD. Includes IEC ratings on the right.

Summary row for PLR 115\_3: PtN [kW] tutti i rapporti / all ratios / alle Untersetzungen 26.0

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore...

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.

1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PER 150_4 |   | 6000 Nm               |         |         |   | Kg                    |         |         |  | 185.0                 |         |         |  | IEC  |                       |         |         |        |
|-----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|------|-----------------------|---------|---------|--------|
| ir        | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |      |                       |         |         |        |
|           | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    |      | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% |        |
| 216,6     | 12,9                                    | 5400                  | 8,1     | 90      | 6,5                                     | 6000                  | 4,5     | 90      | 4,2                                    | 6000                  | 2,9     | 90      | 2,3                                    | 6000 | 1,6                   | 90      | 180 B5  |        |
| 265,4     | 10,5                                    | 5400                  | 6,6     | 90      | 5,3                                     | 6000                  | 3,5     | 90      | 3,4                                    | 6000                  | 2,4     | 90      | 1,9                                    | 6000 | 1,3                   | 90      |         | 160 B5 |
| 280,9     | 10,0                                    | 5400                  | 6,3     | 90      | 5,0                                     | 6000                  | 3,3     | 90      | 3,2                                    | 6000                  | 2,2     | 90      | 1,8                                    | 6000 | 1,2                   | 90      |         |        |
| 310,5     | 9,0                                     | 5400                  | 5,7     | 90      | 4,5                                     | 6000                  | 3,0     | 90      | 2,9                                    | 6000                  | 2,0     | 90      | 1,6                                    | 6000 | 1,1                   | 90      |         | 112 B5 |
| 325,0     | 8,6                                     | 5400                  | 5,4     | 90      | 4,3                                     | 6000                  | 2,8     | 90      | 2,8                                    | 6000                  | 1,9     | 90      | 1,5                                    | 6000 | 1,1                   | 90      |         |        |
| 359,2     | 7,8                                     | 5400                  | 4,9     | 90      | 3,9                                     | 6000                  | 2,6     | 90      | 2,5                                    | 6000                  | 1,7     | 90      | 1,4                                    | 6000 | 1,0                   | 90      |         | 90 B5  |
| 380,8     | 7,4                                     | 5400                  | 4,6     | 90      | 3,7                                     | 6000                  | 2,4     | 90      | 2,4                                    | 6000                  | 1,6     | 90      | 1,3                                    | 6000 | 0,9                   | 90      |         |        |
| 420,9     | 6,7                                     | 5400                  | 4,2     | 90      | 3,3                                     | 6000                  | 2,2     | 90      | 2,1                                    | 6000                  | 1,5     | 90      | 1,2                                    | 6000 | 0,8                   | 90      |         | 71 B5  |
| 458,3     | 6,1                                     | 5400                  | 3,8     | 90      | 3,1                                     | 6000                  | 2,0     | 90      | 2,0                                    | 6000                  | 1,4     | 90      | 1,1                                    | 6000 | 0,8                   | 90      |         |        |
| 501,5     | 5,6                                     | 5400                  | 3,5     | 90      | 2,8                                     | 6000                  | 1,8     | 90      | 1,8                                    | 6000                  | 1,3     | 90      | 1,0                                    | 6000 | 0,7                   | 90      |         |        |
| 548,9     | 5,1                                     | 5400                  | 3,2     | 90      | 2,6                                     | 6000                  | 1,7     | 90      | 1,6                                    | 6000                  | 1,1     | 90      | 0,9                                    | 6000 | 0,6                   | 90      |         |        |
| 595,3     | 4,7                                     | 5400                  | 3,0     | 90      | 2,4                                     | 6000                  | 1,6     | 90      | 1,5                                    | 6000                  | 1,1     | 90      | 0,8                                    | 6000 | 0,6                   | 90      |         |        |
| 643,2     | 4,4                                     | 5400                  | 2,7     | 90      | 2,2                                     | 6000                  | 1,4     | 90      | 1,4                                    | 6000                  | 1,0     | 90      | 0,8                                    | 6000 | 0,5                   | 90      |         |        |
| 697,5     | 4,0                                     | 5400                  | 2,5     | 90      | 2,0                                     | 6000                  | 1,3     | 90      | 1,3                                    | 6000                  | 0,9     | 90      | 0,7                                    | 6000 | 0,5                   | 90      |         |        |
| 743,0     | 3,8                                     | 5400                  | 2,4     | 90      | 1,9                                     | 6000                  | 1,2     | 90      | 1,2                                    | 6000                  | 0,8     | 90      | 0,7                                    | 6000 | 0,5                   | 90      |         |        |
| 766,5     | 3,7                                     | 5400                  | 2,3     | 90      | 1,8                                     | 6000                  | 1,2     | 90      | 1,2                                    | 6000                  | 0,8     | 90      | 0,7                                    | 6000 | 0,5                   | 90      |         |        |
| 831,2     | 3,4                                     | 5400                  | 2,1     | 90      | 1,7                                     | 6000                  | 1,1     | 90      | 1,1                                    | 6000                  | 0,8     | 90      | 0,6                                    | 6000 | 0,4                   | 90      |         |        |
| 870,6     | 3,2                                     | 5400                  | 2,0     | 90      | 1,6                                     | 6000                  | 1,1     | 90      | 1,0                                    | 6000                  | 0,7     | 90      | 0,6                                    | 6000 | 0,4                   | 90      |         |        |
| 948,1     | 3,0                                     | 5400                  | 1,9     | 90      | 1,5                                     | 6000                  | 1,0     | 90      | 0,9                                    | 6000                  | 0,7     | 90      | 0,5                                    | 6000 | 0,4                   | 90      |         |        |
| 1037,5    | 2,7                                     | 5400                  | 1,7     | 90      | 1,3                                     | 6000                  | 0,9     | 90      | 0,9                                    | 6000                  | 0,6     | 90      | 0,5                                    | 6000 | 0,3                   | 90      |         |        |
| 1183,2    | 2,4                                     | 5400                  | 1,5     | 90      | 1,2                                     | 6000                  | 0,8     | 90      | 0,8                                    | 6000                  | 0,5     | 90      | 0,4                                    | 6000 | 0,3                   | 90      |         |        |
| 1294,8    | 2,2                                     | 5400                  | 1,4     | 90      | 1,1                                     | 6000                  | 0,7     | 90      | 0,7                                    | 6000                  | 0,5     | 90      | 0,4                                    | 6000 | 0,3                   | 90      |         |        |
| 1424,9    | 2,0                                     | 5400                  | 1,2     | 90      | 1,0                                     | 6000                  | 0,6     | 90      | 0,6                                    | 6000                  | 0,4     | 90      | 0,4                                    | 6000 | 0,2                   | 90      |         |        |
| 1578,8    | 1,8                                     | 5400                  | 1,1     | 90      | 0,9                                     | 6000                  | 0,6     | 90      | 0,6                                    | 6000                  | 0,4     | 90      | 0,3                                    | 6000 | 0,2                   | 90      |         |        |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 16.0  |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5).

HINWEIS.  
Die angegeben Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.





1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

PR 170\_2

7500 Nm



250.0

Table with 4 main columns for input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 5 sub-columns for parameters (n2, T2M, P, RD). Includes IEC CF and VB-VN ratings.

Summary row for PtN [kW] showing 'tutti i rapporti / all ratios / alle Untersetzungen' with a value of 56.0.

PLR 125\_3

7500 Nm



267

Table with 4 main columns for input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 5 sub-columns for parameters (n2, T2M, P, RD). Includes IEC ratings.

Summary row for PtN [kW] showing 'tutti i rapporti / all ratios / alle Untersetzungen' with a value of 33.0.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore...

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity...

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten...

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.





1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PER 170_4 |   | 9000 Nm               |         |         |   | Kg                    |         |         |  | 250                   |         |         |  | IEC  |                       |         |         |        |
|-----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|------|-----------------------|---------|---------|--------|
| ir        | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |      |                       |         |         |        |
|           | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    |      | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% |        |
| 215,0     | 13,0                                    | 8100                  | 12,3    | 90,0    | 6,5                                     | 9000                  | 6,8     | 90,0    | 4,2                                    | 9000                  | 4,4     | 90,0    | 2,3                                    | 9000 | 2,4                   | 90,0    | 180 B5  |        |
| 246,9     | 11,3                                    | 8100                  | 10,7    | 90,0    | 5,7                                     | 9000                  | 5,9     | 90,0    | 3,6                                    | 9000                  | 3,8     | 90,0    | 2,0                                    | 9000 | 2,1                   | 90,0    |         | 160 B5 |
| 268,8     | 10,4                                    | 8100                  | 9,8     | 90,0    | 5,2                                     | 9000                  | 5,5     | 90,0    | 3,3                                    | 9000                  | 3,5     | 90,0    | 1,9                                    | 9000 | 1,9                   | 90,0    |         |        |
| 302,0     | 9,3                                     | 8100                  | 8,7     | 90,0    | 4,6                                     | 9000                  | 4,9     | 90,0    | 3,0                                    | 9000                  | 3,1     | 90,0    | 1,7                                    | 9000 | 1,7                   | 90,0    |         | 112 B5 |
| 330,6     | 8,5                                     | 8100                  | 8,0     | 90,0    | 4,2                                     | 9000                  | 4,4     | 90,0    | 2,7                                    | 9000                  | 2,9     | 90,0    | 1,5                                    | 9000 | 1,6                   | 90,0    |         |        |
| 357,1     | 7,8                                     | 8100                  | 7,4     | 90,0    | 3,9                                     | 9000                  | 4,1     | 90,0    | 2,5                                    | 9000                  | 2,6     | 90,0    | 1,4                                    | 9000 | 1,5                   | 90,0    |         | 90 B5  |
| 377,5     | 7,4                                     | 8100                  | 7,0     | 90,0    | 3,7                                     | 9000                  | 3,9     | 90,0    | 2,4                                    | 9000                  | 2,5     | 90,0    | 1,3                                    | 9000 | 1,4                   | 90,0    |         |        |
| 409,3     | 6,8                                     | 8100                  | 6,4     | 90,0    | 3,4                                     | 9000                  | 3,6     | 90,0    | 2,2                                    | 9000                  | 2,3     | 90,0    | 1,2                                    | 9000 | 1,3                   | 90,0    |         | 71 B5  |
| 445,6     | 6,3                                     | 8100                  | 5,9     | 90,0    | 3,1                                     | 9000                  | 3,3     | 90,0    | 2,0                                    | 9000                  | 2,1     | 90,0    | 1,1                                    | 9000 | 1,2                   | 90,0    |         |        |
| 483,2     | 5,8                                     | 8100                  | 5,5     | 90,0    | 2,9                                     | 9000                  | 3,0     | 90,0    | 1,9                                    | 9000                  | 2,0     | 90,0    | 1,0                                    | 9000 | 1,1                   | 90,0    |         |        |
| 520,0     | 5,4                                     | 8100                  | 5,1     | 90,0    | 2,7                                     | 9000                  | 2,8     | 90,0    | 1,7                                    | 9000                  | 1,8     | 90,0    | 1,0                                    | 9000 | 1,0                   | 90,0    |         |        |
| 559,2     | 5,0                                     | 8100                  | 4,7     | 90,0    | 2,5                                     | 9000                  | 2,6     | 90,0    | 1,6                                    | 9000                  | 1,7     | 90,0    | 0,9                                    | 9000 | 0,9                   | 90,0    |         |        |
| 606,4     | 4,6                                     | 8100                  | 4,4     | 90,0    | 2,3                                     | 9000                  | 2,4     | 90,0    | 1,5                                    | 9000                  | 1,6     | 90,0    | 0,8                                    | 9000 | 0,9                   | 90,0    |         |        |
| 649,0     | 4,3                                     | 8100                  | 4,1     | 90,0    | 2,2                                     | 9000                  | 2,3     | 90,0    | 1,4                                    | 9000                  | 1,5     | 90,0    | 0,8                                    | 9000 | 0,8                   | 90,0    |         |        |
| 697,8     | 4,0                                     | 8100                  | 3,8     | 90,0    | 2,0                                     | 9000                  | 2,1     | 90,0    | 1,3                                    | 9000                  | 1,4     | 90,0    | 0,7                                    | 9000 | 0,8                   | 90,0    |         |        |
| 756,8     | 3,7                                     | 8100                  | 3,5     | 90,0    | 1,8                                     | 9000                  | 1,9     | 90,0    | 1,2                                    | 9000                  | 1,2     | 90,0    | 0,7                                    | 9000 | 0,7                   | 90,0    |         |        |
| 811,2     | 3,5                                     | 8100                  | 3,3     | 90,0    | 1,7                                     | 9000                  | 1,8     | 90,0    | 1,1                                    | 9000                  | 1,2     | 90,0    | 0,6                                    | 9000 | 0,6                   | 90,0    |         |        |
| 879,8     | 3,2                                     | 8100                  | 3,0     | 90,0    | 1,6                                     | 9000                  | 1,7     | 90,0    | 1,0                                    | 9000                  | 1,1     | 90,0    | 0,6                                    | 9000 | 0,6                   | 90,0    |         |        |
| 981,3     | 2,9                                     | 8100                  | 2,7     | 90,0    | 1,4                                     | 9000                  | 1,5     | 90,0    | 0,9                                    | 9000                  | 1,0     | 90,0    | 0,5                                    | 9000 | 0,5                   | 90,0    |         |        |
| 1064,2    | 2,6                                     | 8100                  | 2,5     | 90,0    | 1,3                                     | 9000                  | 1,4     | 90,0    | 0,8                                    | 9000                  | 0,9     | 90,0    | 0,5                                    | 9000 | 0,5                   | 90,0    |         |        |
| 1158,9    | 2,4                                     | 8100                  | 2,3     | 90,0    | 1,2                                     | 9000                  | 1,3     | 90,0    | 0,8                                    | 9000                  | 0,8     | 90,0    | 0,4                                    | 9000 | 0,5                   | 90,0    |         |        |
| 1268,2    | 2,2                                     | 8100                  | 2,1     | 90,0    | 1,1                                     | 9000                  | 1,2     | 90,0    | 0,7                                    | 9000                  | 0,7     | 90,0    | 0,4                                    | 9000 | 0,4                   | 90,0    |         |        |
| 1395,7    | 2,0                                     | 8100                  | 1,9     | 90,0    | 1,0                                     | 9000                  | 1,1     | 90,0    | 0,6                                    | 9000                  | 0,7     | 90,0    | 0,4                                    | 9000 | 0,4                   | 90,0    |         |        |
| 1546,4    | 1,8                                     | 8100                  | 1,7     | 90,0    | 0,9                                     | 9000                  | 0,9     | 90,0    | 0,6                                    | 9000                  | 0,6     | 90,0    | 0,3                                    | 9000 | 0,3                   | 90,0    |         |        |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 21.0  |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5).

HINWEIS.  
Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

Table for PR 190\_2 gearboxes. Columns include ir, n1=2800, 1400, 900, 500 min-1, n2, T2M, P, RD, and IEC CF. Includes a weight icon and '315'.

Summary row for PR 190\_2: PtN [kW] tutti i rapporti / all ratios / alle Untersetzungen 72.0

Table for PLR 135\_3 gearboxes. Columns include ir, n1=2800, 1400, 900, 500 min-1, n2, T2M, P, RD, and IEC. Includes a weight icon and '340'.

Summary row for PLR 135\_3: PtN [kW] tutti i rapporti / all ratios / alle Untersetzungen 40.0

\* Nei rapporti contrassegnati non è disponibile la versione uscita con albero cavo "-.-" "C" "-.-" "CD" "-.-" "QL-L".

\* Hollow output shaft "-.-" "C" "-.-" "CD" "-.-" "QL-L" not available for ratios marked with this symbol.

\* Bei den gekennzeichneten Übersetzungsverhältnissen ist die Version "Abtrieb mit Hohlwelle" "-.-" "C" "-.-" "CD" "-.-" "QL-L" nicht verfügbar.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

N.B. I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE. Listed weights are for reference only and can vary according to the gearbox version.

HINWEIS. Die angegebenen Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



1.6 Prestazioni riduttori

1.6 gearboxes performances

1.6 Leistungen der Getriebe

| PER 190_4 |   | 12500 Nm              |         |         |   |                       |         |         |  |                       |         |         |  | Kg 300                |         |         |        |        |
|-----------|---|-----------------------|---------|---------|---|-----------------------|---------|---------|--|-----------------------|---------|---------|--|-----------------------|---------|---------|--------|--------|
| ir        | n <sub>1</sub> = 2800 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 1400 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 900 min <sup>-1</sup> |                       |         |         | n <sub>1</sub> = 500 min <sup>-1</sup> |                       |         |         | IEC    |        |
|           | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>     | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% | n <sub>2</sub><br>min <sup>-1</sup>    | T <sub>2M</sub><br>Nm | P<br>kW | RD<br>% |        |        |
| 182,2     | 15,4                                    | 11500                 | 20,6    | 90,0    | 7,7                                     | 12500                 | 11,2    | 90,0    | 4,9                                    | 12500                 | 7,2     | 90,0    | 2,7                                    | 12500                 | 4,0     | 90,0    | 180 B5 |        |
| 210,7     | 13,3                                    | 11500                 | 17,8    | 90,0    | 6,6                                     | 12500                 | 9,7     | 90,0    | 4,3                                    | 12500                 | 6,2     | 90,0    | 2,4                                    | 12500                 | 3,5     | 90,0    |        | 160 B5 |
| 246,9     | 11,3                                    | 11500                 | 15,2    | 90,0    | 5,7                                     | 12500                 | 8,2     | 90,0    | 3,6                                    | 12500                 | 5,3     | 90,0    | 2,0                                    | 12500                 | 2,9     | 90,0    |        |        |
| 268,9     | 10,4                                    | 11500                 | 13,9    | 90,0    | 5,2                                     | 12500                 | 7,6     | 90,0    | 3,3                                    | 12500                 | 4,9     | 90,0    | 1,9                                    | 12500                 | 2,7     | 90,0    |        | 112 B5 |
| 291,5     | 9,6                                     | 11500                 | 12,9    | 90,0    | 4,8                                     | 12500                 | 7,0     | 90,0    | 3,1                                    | 12500                 | 4,5     | 90,0    | 1,7                                    | 12500                 | 2,5     | 90,0    |        |        |
| 302,5     | 9,3                                     | 11500                 | 12,4    | 90,0    | 4,6                                     | 12500                 | 6,7     | 90,0    | 3,0                                    | 12500                 | 4,3     | 90,0    | 1,7                                    | 12500                 | 2,4     | 90,0    |        | 90 B5  |
| 317,4     | 8,8                                     | 11500                 | 11,8    | 90,0    | 4,4                                     | 12500                 | 6,4     | 90,0    | 2,8                                    | 12500                 | 4,1     | 90,0    | 1,6                                    | 12500                 | 2,3     | 90,0    |        |        |
| 329,4     | 8,5                                     | 11500                 | 11,4    | 90,0    | 4,2                                     | 12500                 | 6,2     | 90,0    | 2,7                                    | 12500                 | 4,0     | 90,0    | 1,5                                    | 12500                 | 2,2     | 90,0    |        | 71 B5  |
| 347,3     | 8,1                                     | 11500                 | 10,8    | 90,0    | 4,0                                     | 12500                 | 5,9     | 90,0    | 2,6                                    | 12500                 | 3,8     | 90,0    | 1,4                                    | 12500                 | 2,1     | 90,0    |        |        |
| 357,1     | 7,8                                     | 11500                 | 10,5    | 90,0    | 3,9                                     | 12500                 | 5,7     | 90,0    | 2,5                                    | 12500                 | 3,7     | 90,0    | 1,4                                    | 12500                 | 2,0     | 90,0    |        |        |
| 388,9     | 7,2                                     | 11500                 | 9,6     | 90,0    | 3,6                                     | 12500                 | 5,2     | 90,0    | 2,3                                    | 12500                 | 3,4     | 90,0    | 1,3                                    | 12500                 | 1,9     | 90,0    |        |        |
| 425,6     | 6,6                                     | 11500                 | 8,8     | 90,0    | 3,3                                     | 12500                 | 4,8     | 90,0    | 2,1                                    | 12500                 | 3,1     | 90,0    | 1,2                                    | 12500                 | 1,7     | 90,0    |        |        |
| 448,2     | 6,2                                     | 11500                 | 8,4     | 90,0    | 3,1                                     | 12500                 | 4,5     | 90,0    | 2,0                                    | 12500                 | 2,9     | 90,0    | 1,1                                    | 12500                 | 1,6     | 90,0    |        |        |
| 483,2     | 5,8                                     | 11500                 | 7,8     | 90,0    | 2,9                                     | 12500                 | 4,2     | 90,0    | 1,9                                    | 12500                 | 2,7     | 90,0    | 1,0                                    | 12500                 | 1,5     | 90,0    |        |        |
| 526,2     | 5,3                                     | 11500                 | 7,1     | 90,0    | 2,7                                     | 12500                 | 3,9     | 90,0    | 1,7                                    | 12500                 | 2,5     | 90,0    | 1,0                                    | 12500                 | 1,4     | 90,0    |        |        |
| 575,9     | 4,9                                     | 11500                 | 6,5     | 90,0    | 2,4                                     | 12500                 | 3,5     | 90,0    | 1,6                                    | 12500                 | 2,3     | 90,0    | 0,9                                    | 12500                 | 1,3     | 90,0    |        |        |
| 606,4     | 4,6                                     | 11500                 | 6,2     | 90,0    | 2,3                                     | 12500                 | 3,4     | 90,0    | 1,5                                    | 12500                 | 2,2     | 90,0    | 0,8                                    | 12500                 | 1,2     | 90,0    |        |        |
| 660,4     | 4,2                                     | 11500                 | 5,7     | 90,0    | 2,1                                     | 12500                 | 3,1     | 90,0    | 1,4                                    | 12500                 | 2,0     | 90,0    | 0,8                                    | 12500                 | 1,1     | 90,0    |        |        |
| 704,9     | 4,0                                     | 11500                 | 5,3     | 90,0    | 2,0                                     | 12500                 | 2,9     | 90,0    | 1,3                                    | 12500                 | 1,9     | 90,0    | 0,7                                    | 12500                 | 1,0     | 90,0    |        |        |
| 756,8     | 3,7                                     | 11500                 | 5,0     | 90,0    | 1,8                                     | 12500                 | 2,7     | 90,0    | 1,2                                    | 12500                 | 1,7     | 90,0    | 0,7                                    | 12500                 | 1,0     | 90,0    |        |        |
| 824,1     | 3,4                                     | 11500                 | 4,5     | 90,0    | 1,7                                     | 12500                 | 2,5     | 90,0    | 1,1                                    | 12500                 | 1,6     | 90,0    | 0,6                                    | 12500                 | 0,9     | 90,0    |        |        |
| 879,8     | 3,2                                     | 11500                 | 4,3     | 90,0    | 1,6                                     | 12500                 | 2,3     | 90,0    | 1,0                                    | 12500                 | 1,5     | 90,0    | 0,6                                    | 12500                 | 0,8     | 90,0    |        |        |
| 958,0     | 2,9                                     | 11500                 | 3,9     | 90,0    | 1,5                                     | 12500                 | 2,1     | 90,0    | 0,9                                    | 12500                 | 1,4     | 90,0    | 0,5                                    | 12500                 | 0,8     | 90,0    |        |        |
| 1064,2    | 2,6                                     | 11500                 | 3,5     | 90,0    | 1,3                                     | 12500                 | 1,9     | 90,0    | 0,8                                    | 12500                 | 1,2     | 90,0    | 0,5                                    | 12500                 | 0,7     | 90,0    |        |        |
| 1158,9    | 2,4                                     | 11500                 | 3,2     | 90,0    | 1,2                                     | 12500                 | 1,8     | 90,0    | 0,8                                    | 12500                 | 1,1     | 90,0    | 0,4                                    | 12500                 | 0,6     | 90,0    |        |        |
| 1268,2    | 2,2                                     | 11500                 | 3,0     | 90,0    | 1,1                                     | 12500                 | 1,6     | 90,0    | 0,7                                    | 12500                 | 1,0     | 90,0    | 0,4                                    | 12500                 | 0,6     | 90,0    |        |        |
| 1395,7    | 2,0                                     | 11500                 | 2,7     | 90,0    | 1,0                                     | 12500                 | 1,5     | 90,0    | 0,6                                    | 12500                 | 0,9     | 90,0    | 0,4                                    | 12500                 | 0,5     | 90,0    |        |        |
| 1546,4    | 1,8                                     | 11500                 | 2,4     | 90,0    | 0,9                                     | 12500                 | 1,3     | 90,0    | 0,6                                    | 12500                 | 0,8     | 90,0    | 0,3                                    | 12500                 | 0,5     | 90,0    |        |        |

|                      |   |
|----------------------|---|
| Pt <sub>N</sub> [kW] | tutti i rapporti<br>all ratios<br>alle Untersetzungen |
|                      | 27.0  |

N.B.  
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni

NOTE.  
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our

HINWEIS.  
Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. par.A-1.5).

N.B.  
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.  
Listed weights are for reference only and can vary according to the gearbox version.



HINWEIS.  
Die angegeben Gewichtsmaße sind Richtwerte und können je nach Getriebeversion variieren.



0.09 kW

HIGH TECH *line* Motion

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 0,09                                | 26,9  | 32,0             | 29,7                                  | 3,7                        | P L 25 3 32   | T 63B6  | 4,0                                       |
|                                     | 23,3  | 36,9             | 34,3                                  | 3,2                        | P L 25 3 36,9   | T 63B6  | 4,0                                       |
|                                     | 20,2  | 42,6             | 39,6                                  | 2,8                        | P L 25 3 42,6   | T 63B6  | 4,0                                       |
|                                     | 15,7  | 54,8             | 51,0                                  | 2,2                        | P L 25 3 54,8   | T 63B6  | 4,0                                       |
|                                     | 13,3  | 64,6             | 60,0                                  | 1,8                        | P L 25 3 64,6   | T 63B6  | 4,0                                       |
|                                     | 12,4  | 69,6             | 64,7                                  | 3,9                        | P - 63 3 69,6   | T 63B6  | 4,0                                       |
|                                     | 11,4  | 75,4             | 70,0                                  | 3,6                        | P - 63 3 75,4   | T 63B6  | 4,0                                       |
|                                     | 11,4  | 75,5             | 70,2                                  | 1,6                        | P L 25 3 75,5   | T 63B6  | 4,0                                       |
|                                     | 10,6  | 81,4             | 75,7                                  | 3,4                        | P - 63 3 81,4   | T 63B6  | 4,0                                       |
|                                     | 9,9   | 87,0             | 81,1                                  | 1,4                        | P L 25 3 87   | T 63B6  | 4,0                                       |
|                                     | 9,7   | 88,4             | 82,1                                  | 3,0                        | P - 63 3 88,4   | T 63B6  | 4,0                                       |
|                                     | 8,7   | 98,9             | 91,8                                  | 2,7                        | P - 63 3 98,9   | T 63B6  | 4,0                                       |
|                                     | 8,5   | 101,6            | 94,3                                  | 1,2                        | P L 25 3 101,6  | T 63B6  | 4,0                                       |
|                                     | 7,5   | 114,4            | 106,2                                 | 2,4                        | P - 63 3 114,4  | T 63B6  | 4,0                                       |
|                                     | 7,3   | 117,3            | 108,8                                 | 1,0                        | P L 25 3 117,3  | T 63B6  | 4,0                                       |
|                                     | 6,4   | 134,3            | 124,9                                 | 3,9                        | P - 71 3 134,3  | T 63B6  | 5,4                                       |
|                                     | 6,4   | 135,3            | 125,3                                 | 0,9                        | P L 25 3 135,3  | T 63B6  | 4,0                                       |
|                                     | 6,4   | 135,4            | 126,1                                 | 2,0                        | P - 63 3 135,4  | T 63B6  | 4,0                                       |
|                                     | 5,8   | 149,1            | 138,3                                 | 1,8                        | P - 63 3 149,1  | T 63B6  | 4,0                                       |
|                                     | 5,6   | 154,8            | 143,8                                 | 3,5                        | P - 71 3 154,8  | T 63B6  | 5,4                                       |
|                                     | 5,4   | 159,1            | 147,8                                 | 0,7                        | P L 25 3 159,1  | T 63B6  | 4,0                                       |
|                                     | 5,3   | 163,2            | 151,6                                 | 3,1                        | P - 71 3 163,2  | T 63B6  | 5,4                                       |
|                                     | 5,2   | 164,7            | 153,1                                 | 1,6                        | P - 63 3 164,7  | T 63B6  | 4,0                                       |
|                                     | 4,9   | 175,4            | 163,0                                 | 4,0                        | P L 65 3 175,4  | T 63B6  | 8,0                                       |
|                                     | 4,7   | 181,3            | 169,2                                 | 1,5                        | P - 63 3 181,3  | T 63B6  | 4,0                                       |
|                                     | 4,5   | 191,6            | 177,9                                 | 2,9                        | P - 71 3 191,6  | T 63B6  | 5,4                                       |
|                                     | 4,4   | 197,9            | 184,0                                 | 3,5                        | P L 65 3 197,9  | T 63B6  | 8,0                                       |
|                                     | 4,0   | 216,9            | 201,3                                 | 1,3                        | P - 63 3 216,9  | T 63B6  | 4,0                                       |
|                                     | 3,9   | 220,8            | 205,3                                 | 2,5                        | P - 71 3 220,8  | T 63B6  | 5,4                                       |
|                                     | 1,0   | 904,3            | 813,6                                 | 3,9                        | P E 125 904,27  | T 63B6  | 10,5                                      |
| 0,73                                | 1175,0  | 1061,1           | 2,5                                   | P E 125 1175,04            | T 63B6  | 10,5  |   |

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)  
روبروی پالایشگاه نفت پارس، پلاک ۱۲



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|--------|---|
|                                     | 41,9  | 32,0             | 27,5                                  | 3,6                        | P L 25 3 32     | T 63A4 | 4,0                                       |
|                                     | 37,0  | 23,8             | 31,2                                  | 3,5                        | P L 25 3 23,8   | T 63C6 | 4,0                                       |
|                                     | 36,3  | 36,9             | 31,8                                  | 3,1                        | P L 25 3 36,9   | T 63A4 | 4,0                                       |
|                                     | 32,1  | 27,4             | 35,9                                  | 3,1                        | P L 25 3 27,4   | T 63C6 | 4,0                                       |
|                                     | 31,5  | 42,6             | 36,7                                  | 2,7                        | P L 25 3 42,6   | T 63A4 | 4,0                                       |
|                                     | 27,5  | 32,0             | 41,9                                  | 2,6                        | P L 25 3 32     | T 63C6 | 4,0                                       |
|                                     | 24,5  | 54,8             | 47,3                                  | 2,1                        | P L 25 3 54,8   | T 63A4 | 4,0                                       |
|                                     | 23,9  | 36,9             | 48,5                                  | 2,3                        | P L 25 3 36,9   | T 63C6 | 4,0                                       |
|                                     | 20,7  | 64,6             | 55,6                                  | 1,8                        | P L 25 3 64,6   | T 63A4 | 4,0                                       |
|                                     | 20,7  | 42,6             | 55,9                                  | 2,0                        | P L 25 3 42,6   | T 63C6 | 4,0                                       |
|                                     | 17,8  | 75,4             | 65,0                                  | 3,8                        | P - 63 3 75,4   | T 63A4 | 4,0                                       |
|                                     | 17,8  | 75,5             | 65,0                                  | 1,5                        | P L 25 3 75,5   | T 63A4 | 4,0                                       |
|                                     | 16,5  | 53,3             | 69,9                                  | 3,6                        | P - 63 3 53,3   | T 63C6 | 4,0                                       |
|                                     | 16,5  | 81,4             | 70,2                                  | 3,6                        | P - 63 3 81,4   | T 63A4 | 4,0                                       |
|                                     | 16,1  | 54,8             | 71,9                                  | 1,5                        | P L 25 3 54,8   | T 63C6 | 4,0                                       |
|                                     | 15,4  | 87,0             | 75,1                                  | 1,3                        | P L 25 3 87     | T 63A4 | 4,0                                       |
|                                     | 15,4  | 57,2             | 75,0                                  | 3,4                        | P - 63 3 57,2   | T 63C6 | 4,0                                       |
|                                     | 15,2  | 88,4             | 76,1                                  | 3,3                        | P - 63 3 88,4   | T 63A4 | 4,0                                       |
|                                     | 14,2  | 61,8             | 81,1                                  | 3,1                        | P - 63 3 61,8   | T 63C6 | 4,0                                       |
|                                     | 13,6  | 64,6             | 84,6                                  | 1,3                        | P L 25 3 64,6   | T 63C6 | 4,0                                       |
|                                     | 13,6  | 98,9             | 85,3                                  | 2,9                        | P - 63 3 98,9   | T 63A4 | 4,0                                       |
|                                     | 13,2  | 101,6            | 87,2                                  | 1,1                        | P L 25 3 101,6  | T 63A4 | 4,0                                       |
|                                     | 12,6  | 69,6             | 91,3                                  | 2,7                        | P - 63 3 69,6   | T 63C6 | 4,0                                       |
|                                     | 11,7  | 114,4            | 98,5                                  | 2,5                        | P - 63 3 114,4  | T 63A4 | 4,0                                       |
|                                     | 11,7  | 75,4             | 99,0                                  | 2,6                        | P - 63 3 75,4   | T 63C6 | 4,0                                       |
|                                     | 11,7  | 75,5             | 99,3                                  | 1,1                        | P L 25 3 75,5   | T 63C6 | 4,0                                       |
|                                     | 11,4  | 117,3            | 100,8                                 | 1,0                        | P L 25 3 117,3  | T 63A4 | 4,0                                       |
|                                     | 10,8  | 81,4             | 106,9                                 | 2,4                        | P - 63 3 81,4   | T 63C6 | 4,0                                       |
|                                     | 10,1  | 87,0             | 114,4                                 | 1,0                        | P L 25 3 87     | T 63C6 | 4,0                                       |
|                                     | 10,0  | 134,3            | 115,7                                 | 4,0                        | P - 71 3 134,3  | T 63A4 | 5,4                                       |
|                                     | 10,0  | 88,4             | 116,1                                 | 2,2                        | P - 63 3 88,4   | T 63C6 | 4,0                                       |
|                                     | 9,9   | 135,4            | 116,5                                 | 2,1                        | P - 63 3 135,4  | T 63A4 | 4,0                                       |
|                                     | 9,9   | 135,3            | 117,1                                 | 0,9                        | P L 25 3 135,3  | T 63A4 | 4,0                                       |
|                                     | 9,6   | 91,5             | 120,0                                 | 3,9                        | P - 71 3 91,5   | T 63C6 | 5,4                                       |
|                                     | 9,0   | 149,1            | 128,5                                 | 1,9                        | P - 63 3 149,1  | T 63A4 | 4,0                                       |
|                                     | 8,9   | 98,9             | 129,5                                 | 1,9                        | P - 63 3 98,9   | T 63C6 | 4,0                                       |
|                                     | 8,9   | 99,3             | 130,3                                 | 3,6                        | P - 71 3 99,3   | T 63C6 | 5,4                                       |
|                                     | 8,7   | 154,8            | 133,2                                 | 3,5                        | P - 71 3 154,8  | T 63A4 | 5,4                                       |
|                                     | 8,7   | 101,6            | 133,6                                 | 0,8                        | P L 25 3 101,6  | T 63C6 | 4,0                                       |
|                                     | 8,4   | 159,1            | 136,8                                 | 0,7                        | P L 25 3 159,1  | T 63A4 | 4,0                                       |
|                                     | 8,2   | 163,2            | 140,7                                 | 3,3                        | P - 71 3 163,2  | T 63A4 | 5,4                                       |
|                                     | 8,2   | 107,5            | 141,1                                 | 3,3                        | P - 71 3 107,5  | T 63C6 | 5,4                                       |
|                                     | 8,1   | 164,7            | 141,9                                 | 1,8                        | P - 63 3 164,7  | T 63A4 | 4,0                                       |
|                                     | 7,7   | 114,4            | 150,0                                 | 1,7                        | P - 63 3 114,4  | T 63C6 | 4,0                                       |
|                                     | 7,6   | 175,4            | 151,2                                 | 4,0                        | P L 65 3 175,4  | T 63A4 | 8,0                                       |
|                                     | 7,5   | 117,3            | 153,8                                 | 0,7                        | P L 25 3 117,3  | T 63C6 | 4,0                                       |
|                                     | 7,4   | 181,3            | 156,2                                 | 1,6                        | P - 63 3 181,3  | T 63A4 | 4,0                                       |
|                                     | 7,1   | 123,8            | 162,5                                 | 3,0                        | P - 71 3 123,8  | T 63C6 | 5,4                                       |
|                                     | 7,0   | 191,6            | 165,0                                 | 3,0                        | P - 71 3 191,6  | T 63A4 | 5,4                                       |
|                                     | 6,8   | 197,9            | 170,7                                 | 3,5                        | P L 65 3 197,9  | T 63A4 | 8,0                                       |
|                                     | 6,6   | 134,3            | 176,5                                 | 2,8                        | P - 71 3 134,3  | T 63C6 | 5,4                                       |
|                                     | 6,5   | 135,4            | 177,3                                 | 1,4                        | P - 63 3 135,4  | T 63C6 | 4,0                                       |
|                                     | 6,3   | 138,8            | 182,1                                 | 3,6                        | P L 65 3 138,8  | T 63C6 | 8,0                                       |
|                                     | 6,2   | 216,9            | 186,8                                 | 1,3                        | P - 63 3 216,9  | T 63A4 | 4,0                                       |
|                                     | 6,1   | 220,8            | 190,1                                 | 2,6                        | P - 71 3 220,8  | T 63A4 | 5,4                                       |
|                                     | 5,9   | 149,1            | 196,2                                 | 1,3                        | P - 63 3 149,1  | T 63C6 | 4,0                                       |
|                                     | 5,8   | 152,8            | 200,2                                 | 3,2                        | P L 65 3 152,8  | T 63C6 | 8,0                                       |
|                                     | 5,7   | 154,8            | 203,1                                 | 2,5                        | P - 71 3 154,8  | T 63C6 | 5,4                                       |
|                                     | 5,4   | 163,2            | 214,4                                 | 2,2                        | P - 71 3 163,2  | T 63C6 | 5,4                                       |
|                                     | 5,3   | 164,7            | 216,7                                 | 1,2                        | P - 63 3 164,7  | T 63C6 | 4,0                                       |
|                                     | 5,0   | 175,4            | 230,2                                 | 2,8                        | P L 65 3 175,4  | T 63C6 | 8,0                                       |
|                                     | 4,9   | 181,3            | 237,2                                 | 1,1                        | P - 63 3 181,3  | T 63C6 | 4,0                                       |
|                                     | 4,6   | 191,6            | 251,3                                 | 2,1                        | P - 71 3 191,6  | T 63C6 | 5,4                                       |
|                                     | 4,5   | 197,9            | 259,2                                 | 2,5                        | P L 65 3 197,9  | T 63C6 | 8,0                                       |
|                                     | 4,1   | 216,9            | 283,3                                 | 0,9                        | P - 63 3 216,9  | T 63C6 | 4,0                                       |
|                                     | 4,0   | 220,8            | 288,9                                 | 1,8                        | P - 71 3 220,8  | T 63C6 | 5,4                                       |
|                                     | 1,5   | 580,5            | 734,9                                 | 3,9                        | P E 125 580,52  | T 63C6 | 10,5                                      |
|                                     | 1,2   | 724,6            | 924,2                                 | 3,2                        | P E 125 724,6   | T 63C6 | 10,5                                      |
|                                     | 1,1   | 1175,0           | 980,4                                 | 2,8                        | P E 125 1175,04 | T 63A4 | 10,5                                      |
|                                     | 1,1   | 780,3            | 989,1                                 | 3,5                        | P E 125 780,26  | T 63C6 | 10,5                                      |
|                                     | 1,1   | 817,4            | 1033,8                                | 3,9                        | P E 132 817,42  | T 63C6 | 12,0                                      |
|                                     | 1,0   | 905,7            | 1153,0                                | 3,5                        | P E 132 905,66  | T 63C6 | 12,0                                      |
|                                     | 1,0   | 904,3            | 1152,4                                | 2,8                        | P E 125 904,27  | T 63C6 | 10,5                                      |
|                                     | 0,75  | 1175,0           | 1487,3                                | 1,8                        | P E 125 1175,04 | T 63C6 | 10,5                                      |
|                                     | 0,74  | 1183,2           | 1508,7                                | 4,0                        | P E 150 1183,21 | T 63C6 | 16,0                                      |
|                                     | 0,68  | 1294,8           | 1642,1                                | 3,7                        | P E 150 1294,77 | T 63C6 | 16,0                                      |
|                                     | 0,62  | 1424,9           | 1801,4                                | 3,3                        | P E 150 1424,94 | T 63C6 | 16,0                                      |
|                                     | 0,56  | 1578,8           | 1994,9                                | 3,0                        | P E 150 1578,76 | T 63C6 | 16,0                                      |



0,13



**0.18**  
**kW**

HIGH TECH *line* Motion

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 65.0                                | 42.6  | 24.6             | 3.7                                   | P L 25 3 42.6              | T 63A2  | 4.0   |   |
| 57.1                                | 23.8  | 28.0             | 3.6                                   | P L 25 3 23.8              | T 63B4  | 4.0   |   |
| 54.1                                | 17.2  | 29.6             | 3.7                                   | P L 25 3 17.2              | T 71A6  | 4.0   |   |
| 50.6                                | 54.8  | 31.6             | 2.8                                   | P L 25 3 54.8              | T 63A2  | 4.0   |   |
| 49.6                                | 27.4  | 32.2             | 3.1                                   | P L 25 3 27.4              | T 63B4  | 4.0   |   |
| 45.6                                | 20.4  | 35.0             | 3.1                                   | P L 25 3 20.4              | T 71A6  | 4.0   |   |
| 42.9                                | 64.6  | 37.2             | 2.4                                   | P L 25 3 64.6              | T 63A2  | 4.0   |   |
| 42.5                                | 32.0  | 37.6             | 2.7                                   | P L 25 3 32                | T 63B4  | 4.0   |   |
| 39.1                                | 23.8  | 40.9             | 2.7                                   | P L 25 3 23.8              | T 71A6  | 4.0   |   |
| 36.9                                | 36.9  | 43.4             | 2.3                                   | P L 25 3 36.9              | T 63B4  | 4.0   |   |
| 36.7                                | 75.5  | 43.5             | 2.1                                   | P L 25 3 75.5              | T 63A2  | 4.0   |   |
| 33.9                                | 27.4  | 47.1             | 2.3                                   | P L 25 3 27.4              | T 71A6  | 4.0   |   |
| 31.9                                | 42.6  | 50.1             | 2.0                                   | P L 25 3 42.6              | T 63B4  | 4.0   |   |
| 31.8                                | 87.0  | 50.2             | 1.8                                   | P L 25 3 87                | T 63A2  | 4.0   |   |
| 29.1                                | 32.0  | 55.0             | 2.0                                   | P L 25 3 32                | T 71A6  | 4.0   |   |
| 27.3                                | 101.6   | 58.7             | 1.5                                   | P L 25 3 101.6             | T 63A2  | 4.0   |   |
| 25.5                                | 53.3  | 62.7             | 4.0                                   | P - 63 3 53.3              | T 63B4  | 4.0   |   |
| 25.4                                | 36.6  | 64.3             | 3.9                                   | P - 63 2 36.6              | T 71A6  | 5.6   |   |
| 25.2                                | 36.9  | 63.5             | 1.7                                   | P L 25 3 36.9              | T 71A6  | 4.0   |   |
| 24.8                                | 54.8  | 64.5             | 1.6                                   | P L 25 3 54.8              | T 63B4  | 4.0   |   |
| 24.2                                | 114.4   | 66.1             | 3.6                                   | P - 63 3 114.4             | T 63A2  | 4.0   |   |
| 23.8                                | 57.2  | 67.3             | 3.7                                   | P - 63 3 57.2              | T 63B4  | 4.0   |   |
| 23.6                                | 117.3   | 67.8             | 1.3                                   | P L 25 3 117.3             | T 63A2  | 4.0   |   |
| 23.0                                | 40.5  | 71.2             | 3.4                                   | P - 63 2 40.5              | T 71A6  | 5.6   |   |
| 22.7                                | 40.9  | 70.3             | 3.8                                   | P L 45 3 40.9              | T 71A6  | 6.5   |   |
| 22.0                                | 61.8  | 72.6             | 3.4                                   | P - 63 3 61.8              | T 63B4  | 4.0   |   |
| 21.8                                | 42.6  | 73.3             | 1.5                                   | P L 25 3 42.6              | T 71A6  | 4.0   |   |
| 21.4                                | 43.4  | 74.6             | 3.4                                   | P - 63 3 43.4              | T 71A6  | 4.0   |   |
| 21.1                                | 64.6  | 75.9             | 1.3                                   | P L 25 3 64.6              | T 63B4  | 4.0   |   |
| 20.5                                | 135.3   | 78.3             | 1.2                                   | P L 25 3 135.3             | T 63A2  | 4.0   |   |
| 20.5                                | 135.4   | 78.1             | 3.1                                   | P - 63 3 135.4             | T 63A2  | 4.0   |   |
| 20.4                                | 45.7  | 78.5             | 3.4                                   | P L 45 3 45.7              | T 71A6  | 6.5   |   |
| 19.8                                | 47.0  | 80.8             | 3.2                                   | P - 63 3 47                | T 71A6  | 4.0   |   |
| 19.5                                | 69.6  | 81.8             | 3.1                                   | P - 63 3 69.6              | T 63B4  | 4.0   |   |
| 18.6                                | 149.1   | 86.1             | 2.8                                   | P - 63 3 149.1             | T 63A2  | 4.0   |   |
| 18.0                                | 75.4  | 88.6             | 2.8                                   | P - 63 3 75.4              | T 63B4  | 4.0   |   |
| 18.0                                | 75.5  | 88.7             | 1.1                                   | P L 25 3 75.5              | T 63B4  | 4.0   |   |
| 17.6                                | 52.8  | 90.8             | 3.0                                   | P L 45 3 52.8              | T 71A6  | 6.5   |   |
| 17.5                                | 53.3  | 91.6             | 2.8                                   | P - 63 3 53.3              | T 71A6  | 4.0   |   |
| 17.4                                | 159.1   | 92.0             | 1.0                                   | P L 25 3 159.1             | T 63A2  | 4.0   |   |
| 17.0                                | 54.8  | 94.3             | 1.2                                   | P L 25 3 54.8              | T 71A6  | 4.0   |   |
| 16.8                                | 164.7   | 94.9             | 2.5                                   | P - 63 3 164.7             | T 63A2  | 4.0   |   |
| 16.7                                | 81.4  | 95.7             | 2.6                                   | P - 63 3 81.4              | T 63B4  | 4.0   |   |
| 16.3                                | 57.2  | 98.3             | 2.6                                   | P - 63 3 57.2              | T 71A6  | 4.0   |   |
| 15.6                                | 87.0  | 102.3            | 1.0                                   | P L 25 3 87                | T 63B4  | 4.0   |   |
| 15.5                                | 60.1  | 103.4            | 2.6                                   | P L 45 3 60.1              | T 71A6  | 6.5   |   |
| 15.4                                | 88.4  | 103.9            | 2.4                                   | P - 63 3 88.4              | T 63B4  | 4.0   |   |
| 15.3                                | 181.3   | 104.6            | 2.3                                   | P - 63 3 181.3             | T 63A2  | 4.0   |   |
| 15.1                                | 61.8  | 106.2            | 2.4                                   | P - 63 3 61.8              | T 71A6  | 4.0   |   |
| 14.8                                | 187.8   | 108.7            | 0.8                                   | P L 25 3 187.8             | T 63A2  | 4.0   |   |
| 14.4                                | 64.6  | 111.2            | 1.0                                   | P L 25 3 64.6              | T 71A6  | 4.0   |   |
| 13.8                                | 98.9  | 116.3            | 2.2                                   | P - 63 3 98.9              | T 63B4  | 4.0   |   |
| 13.7                                | 99.3  | 116.6            | 3.9                                   | P - 71 3 99.3              | T 63B4  | 5.4   |   |
| 13.4                                | 101.6   | 119.2            | 0.8                                   | P L 25 3 101.6             | T 63B4  | 4.0   |   |
| 13.4                                | 69.6  | 119.7            | 2.1                                   | P - 63 3 69.6              | T 71A6  | 4.0   |   |
| 13.2                                | 70.6  | 121.5            | 2.2                                   | P L 45 3 70.6              | T 71A6  | 6.5   |   |
| 13.0                                | 213.9   | 123.7            | 0.7                                   | P L 25 3 213.9             | T 63A2  | 4.0   |   |
| 12.8                                | 216.9   | 125.2            | 1.9                                   | P - 63 3 216.9             | T 63A2  | 4.0   |   |
| 12.7                                | 107.5   | 126.4            | 3.6                                   | P - 71 3 107.5             | T 63B4  | 5.4   |   |
| 12.6                                | 220.8   | 127.4            | 3.5                                   | P - 71 3 220.8             | T 63A2  | 5.4   |   |
| 12.3                                | 75.4  | 129.8            | 3.6                                   | P - 71 3 75.4              | T 71A6  | 5.4   |   |
| 12.3                                | 75.4  | 129.7            | 2.0                                   | P - 63 3 75.4              | T 71A6  | 4.0   |   |
| 12.3                                | 75.5  | 129.4            | 0.9                                   | P L 25 3 75.5              | T 71A6  | 4.0   |   |
| 11.9                                | 114.4   | 134.3            | 1.9                                   | P - 63 3 114.4             | T 63B4  | 4.0   |   |
| 11.6                                | 117.3   | 138.5            | 0.7                                   | P L 25 3 117.3             | T 63B4  | 4.0   |   |
| 11.4                                | 81.4  | 139.9            | 1.8                                   | P - 63 3 81.4              | T 71A6  | 4.0   |   |
| 11.0                                | 123.8   | 145.5            | 3.2                                   | P - 71 3 123.8             | T 63B4  | 5.4   |   |
| 10.9                                | 85.7  | 147.3            | 1.8                                   | P L 45 3 85.7              | T 71A6  | 6.5   |   |
| 10.7                                | 86.8  | 149.2            | 3.2                                   | P - 71 3 86.8              | T 71A6  | 5.4   |   |
| 10.7                                | 87.0  | 150.0            | 0.7                                   | P L 25 3 87                | T 71A6  | 4.0   |   |
| 10.5                                | 88.4  | 152.0            | 1.6                                   | P - 63 3 88.4              | T 71A6  | 4.0   |   |
| 10.2                                | 91.5  | 157.2            | 3.0                                   | P - 71 3 91.5              | T 71A6  | 5.4   |   |
| 10.1                                | 134.3   | 157.7            | 2.9                                   | P - 71 3 134.3             | T 63B4  | 5.4   |   |
| 10.0                                | 135.4   | 159.0            | 1.6                                   | P - 63 3 135.4             | T 63B4  | 4.0   |   |
| 9.8                                 | 138.8   | 163.1            | 3.7                                   | P L 65 3 138.8             | T 63B4  | 8.0   |   |
| 9.4                                 | 98.9  | 169.8            | 1.5                                   | P - 63 3 98.9              | T 71A6  | 4.0   |   |
| 9.4                                 | 99.0  | 170.3            | 3.8                                   | P L 65 3 99                | T 71A6  | 8.0   |   |
| 9.4                                 | 99.3  | 170.6            | 2.8                                   | P - 71 3 99.3              | T 71A6  | 5.4   |   |
| 9.2                                 | 100.7   | 173.0            | 1.6                                   | P L 45 3 100.7             | T 71A6  | 6.5   |   |
| 9.1                                 | 149.1   | 175.1            | 1.4                                   | P - 63 3 149.1             | T 63B4  | 4.0   |   |
| 8.9                                 | 152.8   | 179.7            | 3.3                                   | P L 65 3 152.8             | T 63B4  | 8.0   |   |
| 8.8                                 | 154.8   | 182.0            | 2.5                                   | P - 71 3 154.8             | T 63B4  | 5.4   |   |
| 8.7                                 | 107.1   | 184.1            | 1.5                                   | P L 45 3 107.1             | T 71A6  | 6.5   |   |
| 8.7                                 | 107.5   | 184.7            | 2.5                                   | P - 71 3 107.5             | T 71A6  | 5.4   |   |
| 8.3                                 | 163.2   | 192.1            | 2.4                                   | P - 71 3 163.2             | T 63B4  | 5.4   |   |
| 8.3                                 | 164.7   | 193.1            | 1.3                                   | P - 63 3 164.7             | T 63B4  | 4.0   |   |
| 8.1                                 | 114.4   | 197.0            | 1.3                                   | P - 63 3 114.4             | T 71A6  | 4.0   |   |
| 8.0                                 | 116.2   | 200.0            | 3.3                                   | P L 65 3 116.2             | T 71A6  | 8.0   |   |
| 7.8                                 | 175.4   | 206.1            | 2.9                                   | P L 65 3 175.4             | T 63B4  | 8.0   |   |
| 7.5                                 | 123.8   | 212.8            | 2.3                                   | P - 71 3 123.8             | T 71A6  | 5.4   |   |
| 7.5                                 | 181.3   | 213.3            | 1.2                                   | P - 63 3 181.3             | T 63B4  | 4.0   |   |
| 7.1                                 | 191.6   | 225.0            | 2.2                                   | P - 71 3 191.6             | T 63B4  | 5.4   |   |
| 7.0                                 | 132.7   | 228.2            | 1.2                                   | P L 45 3 132.7             | T 71A6  | 6.5   |   |
| 6.9                                 | 134.3   | 230.9            | 2.1                                   | P - 71 3 134.3             | T 71A6  | 5.4   |   |
| 6.9                                 | 197.9   | 232.8            | 2.6                                   | P L 65 3 197.9             | T 63B4  | 8.0   |   |



0,18

E40

CT17 IGBD 4.0







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 0,18                                | 6,9   | 135,4            | 233,0                                 | 1,1                        | P - 63 3 135,4  | T 71A6  | 4,0                                       |
|                                     | 6,7   | 138,8            | 238,8                                 | 2,7                        | P L 65 3 138,8  | T 71A6  | 8,0                                       |
|                                     | 6,6   | 141,0            | 242,3                                 | 3,9                        | P - 90 3 141  | T 71A6  | 7,5                                       |
|                                     | 6,3   | 216,9            | 255,7                                 | 1,0                        | P - 63 3 216,9  | T 63B4  | 4,0                                       |
|                                     | 6,2   | 149,1            | 256,4                                 | 1,0                        | P - 63 3 149,1  | T 71A6  | 4,0                                       |
|                                     | 6,2   | 220,8            | 259,4                                 | 1,9                        | P - 71 3 220,8  | T 63B4  | 5,4                                       |
|                                     | 6,1   | 152,8            | 262,3                                 | 2,5                        | P L 65 3 152,8  | T 71A6  | 8,0                                       |
|                                     | 6,1   | 152,9            | 262,7                                 | 1,0                        | P L 45 3 152,9  | T 71A6  | 6,5                                       |
|                                     | 6,0   | 154,8            | 266,3                                 | 1,9                        | P - 71 3 154,8  | T 71A6  | 5,4                                       |
|                                     | 6,0   | 155,2            | 267,0                                 | 3,5                        | P - 90 3 155,2  | T 71A6  | 7,5                                       |
|                                     | 5,7   | 163,2            | 280,1                                 | 1,7                        | P - 71 3 163,2  | T 71A6  | 5,4                                       |
|                                     | 5,7   | 164,7            | 283,0                                 | 0,9                        | P - 63 3 164,7  | T 71A6  | 4,0                                       |
|                                     | 5,3   | 175,4            | 301,5                                 | 2,2                        | P L 65 3 175,4  | T 71A6  | 8,0                                       |
|                                     | 5,2   | 178,1            | 306,5                                 | 3,1                        | P - 90 3 178,1  | T 71A6  | 7,5                                       |
|                                     | 5,1   | 181,3            | 312,5                                 | 0,8                        | P - 63 3 181,3  | T 71A6  | 4,0                                       |
|                                     | 4,9   | 188,9            | 324,0                                 | 0,8                        | P L 45 3 188,9  | T 71A6  | 6,5                                       |
|                                     | 4,9   | 191,6            | 329,6                                 | 1,6                        | P - 71 3 191,6  | T 71A6  | 5,4                                       |
|                                     | 4,7   | 197,9            | 340,1                                 | 1,9                        | P L 65 3 197,9  | T 71A6  | 8,0                                       |
|                                     | 4,6   | 201,0            | 345,0                                 | 2,7                        | P - 90 3 201  | T 71A6  | 7,5                                       |
|                                     | 4,6   | 204,1            | 350,8                                 | 3,7                        | P L 85 3 204,1  | T 71A6  | 11,0                                      |
|                                     | 4,4   | 214,0            | 367,3                                 | 3,5                        | P L 85 3 214  | T 71A6  | 11,0                                      |
|                                     | 4,2   | 220,8            | 380,5                                 | 1,4                        | P - 71 3 220,8  | T 71A6  | 5,4                                       |
|                                     | 4,1   | 224,4            | 386,6                                 | 2,4                        | P - 90 3 224,4  | T 71A6  | 7,5                                       |
|                                     | 4,0   | 234,0            | 402,8                                 | 3,2                        | P L 85 3 234  | T 71A6  | 11,0                                      |
|                                     | 3,7   | 253,2            | 436,2                                 | 2,2                        | P - 90 3 253,2  | T 71A6  | 7,5                                       |
|                                     | 3,4   | 270,0            | 464,3                                 | 2,8                        | P L 85 3 270  | T 71A6  | 11,0                                      |
|                                     | 2,4   | 1175,0           | 656,0                                 | 3,8                        | P E 125 1175,04   | T 63A2  | 10,5                                      |
|                                     | 1,9   | 724,6            | 823,2                                 | 3,6                        | P E 125 724,6   | T 63B4  | 10,5                                      |
|                                     | 1,7   | 780,3            | 888,6                                 | 3,9                        | P E 125 780,26  | T 63B4  | 10,5                                      |
|                                     | 1,6   | 580,5            | 966,7                                 | 3,0                        | P E 125 580,52  | T 71A6  | 10,5                                      |
|                                     | 1,5   | 905,7            | 1031,5                                | 3,9                        | P E 132 905,66  | T 63B4  | 12,0                                      |
|                                     | 1,5   | 904,3            | 1032,3                                | 3,1                        | P E 125 904,27  | T 63B4  | 10,5                                      |
|                                     | 1,5   | 625,2            | 1037,9                                | 3,4                        | P E 125 625,23  | T 71A6  | 10,5                                      |
|                                     | 1,4   | 648,4            | 1082,5                                | 3,2                        | P E 125 648,43  | T 71A6  | 10,5                                      |
|                                     | 1,4   | 655,0            | 1089,3                                | 3,7                        | P E 132 655,01  | T 71A6  | 12,0                                      |
|                                     | 1,3   | 724,6            | 1208,1                                | 2,5                        | P E 125 724,6   | T 71A6  | 10,5                                      |
|                                     | 1,3   | 742,8            | 1237,1                                | 3,2                        | P E 132 742,75  | T 71A6  | 12,0                                      |
|                                     | 1,2   | 780,3            | 1299,0                                | 2,7                        | P E 125 780,26  | T 71A6  | 10,5                                      |
|                                     | 1,2   | 1175,0           | 1335,2                                | 2,0                        | P E 125 1175,04   | T 63B4  | 10,5                                      |
|                                     | 1,1   | 817,4            | 1355,9                                | 3,0                        | P E 132 817,42  | T 71A6  | 12,0                                      |
|                                     | 1,0   | 905,7            | 1503,1                                | 2,7                        | P E 132 905,66  | T 71A6  | 12,0                                      |
|                                     | 1,0   | 904,3            | 1503,9                                | 2,1                        | P E 125 904,27  | T 71A6  | 10,5                                      |
|                                     | 1,0   | 948,1            | 1578,9                                | 3,8                        | P E 150 948,12  | T 71A6  | 16,0                                      |
|                                     | 1,0   | 1424,9           | 1629,0                                | 3,7                        | P E 150 1424,94   | T 63B4  | 16,0                                      |
|                                     | 0,90  | 1037,5           | 1719,7                                | 3,5                        | P E 150 1037,52   | T 71A6  | 16,0                                      |
|                                     | 0,86  | 1578,8           | 1800,0                                | 3,3                        | P E 150 1578,76   | T 63B4  | 16,0                                      |
|                                     | 0,79  | 1183,2           | 1960,1                                | 3,1                        | P E 150 1183,21   | T 71A6  | 16,0                                      |
|                                     | 0,79  | 1175,0           | 1959,7                                | 1,4                        | P E 125 1175,04   | T 71A6  | 10,5                                      |
|                                     | 0,72  | 1294,8           | 2147,1                                | 2,8                        | P E 150 1294,77   | T 71A6  | 16,0                                      |
|                                     | 0,67  | 1395,7           | 2307,7                                | 3,9                        | P E 170 1395,69   | T 71A6  | 21,0                                      |
| 0,65                                | 1424,9  | 2378,9           | 2,5                                   | P E 150 1424,94            | T 71A6  | 16,0  |   |
| 0,60                                | 1546,4  | 2579,6           | 3,5                                   | P E 170 1546,36            | T 71A6  | 21,0  |   |
| 0,59                                | 1578,8  | 2621,4           | 2,3                                   | P E 150 1578,76            | T 71A6  | 16,0  |   |





0.22 kW

HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 0,22                                | 66,7  | 20,4             | 29,3                                  | 3,4                        | P L 25 3 20,4   | T 63C4  | 4,0                                       |
|                                     | 57,1  | 23,8             | 34,2                                  | 2,9                        | P L 25 3 23,8   | T 63C4  | 4,0                                       |
|                                     | 49,6  | 27,4             | 39,4                                  | 2,5                        | P L 25 3 27,4   | T 63C4  | 4,0                                       |
|                                     | 42,5  | 32,0             | 45,9                                  | 2,2                        | P L 25 3 32   | T 63C4  | 4,0                                       |
|                                     | 36,9  | 36,9             | 53,0                                  | 1,9                        | P L 25 3 36,9   | T 63C4  | 4,0                                       |
|                                     | 31,9  | 42,6             | 61,3                                  | 1,6                        | P L 25 3 42,6   | T 63C4  | 4,0                                       |
|                                     | 30,1  | 45,2             | 66,3                                  | 3,6                        | P - 63 2 45,2   | T 63C4  | 5,6                                       |
|                                     | 28,9  | 47,0             | 67,5                                  | 3,7                        | P - 63 3 47   | T 63C4  | 4,0                                       |
|                                     | 25,5  | 53,3             | 76,6                                  | 3,3                        | P - 63 3 53,3   | T 63C4  | 4,0                                       |
|                                     | 24,8  | 54,8             | 78,9                                  | 1,3                        | P L 25 3 54,8   | T 63C4  | 4,0                                       |
|                                     | 23,8  | 57,2             | 82,2                                  | 3,0                        | P - 63 3 57,2   | T 63C4  | 4,0                                       |
|                                     | 22,0  | 61,8             | 88,7                                  | 2,8                        | P - 63 3 61,8   | T 63C4  | 4,0                                       |
|                                     | 21,1  | 64,6             | 92,8                                  | 1,1                        | P L 25 3 64,6   | T 63C4  | 4,0                                       |
|                                     | 19,5  | 69,6             | 100,0                                 | 2,5                        | P - 63 3 69,6   | T 63C4  | 4,0                                       |
|                                     | 18,0  | 75,4             | 108,3                                 | 2,3                        | P - 63 3 75,4   | T 63C4  | 4,0                                       |
|                                     | 18,0  | 75,5             | 108,4                                 | 0,9                        | P L 25 3 75,5   | T 63C4  | 4,0                                       |
|                                     | 16,7  | 81,4             | 117,0                                 | 2,1                        | P - 63 3 81,4   | T 63C4  | 4,0                                       |
|                                     | 15,7  | 86,8             | 124,6                                 | 3,7                        | P - 71 3 86,8   | T 63C4  | 5,4                                       |
|                                     | 15,6  | 87,0             | 125,0                                 | 0,8                        | P L 25 3 87   | T 63C4  | 4,0                                       |
|                                     | 15,4  | 88,4             | 127,0                                 | 2,0                        | P - 63 3 88,4   | T 63C4  | 4,0                                       |
|                                     | 14,9  | 91,5             | 131,4                                 | 3,5                        | P - 71 3 91,5   | T 63C4  | 5,4                                       |
|                                     | 13,8  | 98,9             | 142,1                                 | 1,8                        | P - 63 3 98,9   | T 63C4  | 4,0                                       |
|                                     | 13,7  | 99,3             | 142,5                                 | 3,2                        | P - 71 3 99,3   | T 63C4  | 5,4                                       |
|                                     | 12,7  | 107,5            | 154,5                                 | 3,0                        | P - 71 3 107,5  | T 63C4  | 5,4                                       |
|                                     | 11,9  | 114,4            | 164,2                                 | 1,5                        | P - 63 3 114,4  | T 63C4  | 4,0                                       |
|                                     | 11,7  | 116,2            | 167,1                                 | 3,6                        | P L 65 3 116,2  | T 63C4  | 8,0                                       |
|                                     | 11,0  | 123,8            | 177,9                                 | 2,6                        | P - 71 3 123,8  | T 63C4  | 5,4                                       |
|                                     | 10,1  | 134,3            | 192,8                                 | 2,4                        | P - 71 3 134,3  | T 63C4  | 5,4                                       |
|                                     | 10,0  | 135,4            | 194,3                                 | 1,3                        | P - 63 3 135,4  | T 63C4  | 4,0                                       |
|                                     | 9,8   | 138,8            | 199,4                                 | 3,0                        | P L 65 3 138,8  | T 63C4  | 8,0                                       |
|                                     | 9,1   | 149,1            | 214,0                                 | 1,2                        | P - 63 3 149,1  | T 63C4  | 4,0                                       |
|                                     | 8,9   | 152,8            | 219,6                                 | 2,7                        | P L 65 3 152,8  | T 63C4  | 8,0                                       |
|                                     | 8,8   | 154,8            | 222,4                                 | 2,1                        | P - 71 3 154,8  | T 63C4  | 5,4                                       |
|                                     | 8,3   | 163,2            | 234,8                                 | 2,0                        | P - 71 3 163,2  | T 63C4  | 5,4                                       |
|                                     | 8,3   | 164,7            | 236,1                                 | 1,1                        | P - 63 3 164,7  | T 63C4  | 4,0                                       |
|                                     | 7,8   | 175,4            | 251,9                                 | 2,4                        | P L 65 3 175,4  | T 63C4  | 8,0                                       |
|                                     | 7,5   | 181,3            | 260,7                                 | 1,0                        | P - 63 3 181,3  | T 63C4  | 4,0                                       |
|                                     | 7,1   | 191,6            | 275,0                                 | 1,8                        | P - 71 3 191,6  | T 63C4  | 5,4                                       |
|                                     | 6,9   | 197,9            | 284,5                                 | 2,1                        | P L 65 3 197,9  | T 63C4  | 8,0                                       |
|                                     | 6,3   | 216,9            | 312,5                                 | 0,8                        | P - 63 3 216,9  | T 63C4  | 4,0                                       |
|                                     | 6,2   | 220,8            | 317,0                                 | 1,6                        | P - 71 3 220,8  | T 63C4  | 5,4                                       |
|                                     | 2,3   | 580,5            | 807,6                                 | 3,6                        | P E 125 580,52  | T 63C4  | 10,5                                      |
|                                     | 2,1   | 648,4            | 900,6                                 | 3,9                        | P E 125 648,43  | T 63C4  | 10,5                                      |
|                                     | 1,9   | 724,6            | 1006,1                                | 3,0                        | P E 125 724,6   | T 63C4  | 10,5                                      |
|                                     | 1,8   | 742,8            | 1032,9                                | 3,9                        | P E 132 742,75  | T 63C4  | 12,0                                      |
|                                     | 1,7   | 780,3            | 1086,0                                | 3,2                        | P E 125 780,26  | T 63C4  | 10,5                                      |
|                                     | 1,7   | 817,4            | 1138,4                                | 3,5                        | P E 132 817,42  | T 63C4  | 12,0                                      |
|                                     | 1,5   | 905,7            | 1260,7                                | 3,2                        | P E 132 905,66  | T 63C4  | 12,0                                      |
| 1,5                                 | 904,3   | 1261,6           | 2,5                                   | P E 125 904,27             | T 63C4  | 10,5  |   |
| 1,2                                 | 1175,0  | 1631,9           | 1,7                                   | P E 125 1175,04            | T 63C4  | 10,5  |   |
| 1,2                                 | 1183,2  | 1643,8           | 3,7                                   | P E 150 1183,21            | T 63C4  | 16,0  |   |
| 1,1                                 | 1294,8  | 1800,8           | 3,3                                   | P E 150 1294,77            | T 63C4  | 16,0  |   |
| 1,0                                 | 1424,9  | 1991,0           | 3,0                                   | P E 150 1424,94            | T 63C4  | 16,0  |   |
| 0,9                                 | 1578,8  | 2200,0           | 2,7                                   | P E 150 1578,76            | T 63C4  | 16,0  |   |



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | Ptn<br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|---|---|-------------------------------|
| 88,1                                | 32,0  | 25,2             | 3,6                      | P L 25 3 32                | T 63B2  | 4,0   |                               |
| 82,0                                | 17,2  | 27,1             | 3,7                      | P L 25 3 17,2              | T 71A4  | 4,0   |                               |
| 76,4                                | 36,9  | 29,1             | 3,1                      | P L 25 3 36,9              | T 63B2  | 4,0   |                               |
| 69,1                                | 20,4  | 32,1             | 3,1                      | P L 25 3 20,4              | T 71A4  | 4,0   |                               |
| 66,2                                | 42,6  | 33,5             | 2,7                      | P L 25 3 42,6              | T 63B2  | 4,0   |                               |
| 59,2                                | 23,8  | 37,5             | 2,7                      | P L 25 3 23,8              | T 71A4  | 4,0   |                               |
| 51,5                                | 27,4  | 43,2             | 2,3                      | P L 25 3 27,4              | T 71A4  | 4,0   |                               |
| 51,5                                | 54,8  | 43,2             | 2,1                      | P L 25 3 54,8              | T 63B2  | 4,0   |                               |
| 51,2                                | 17,2  | 43,4             | 2,5                      | P L 25 3 17,2              | T 71B6  | 4,0   |                               |
| 44,1                                | 32,0  | 50,4             | 2,0                      | P L 25 3 32                | T 71A4  | 4,0   |                               |
| 43,7                                | 64,6  | 50,9             | 1,8                      | P L 25 3 64,6              | T 63B2  | 4,0   |                               |
| 43,1                                | 20,4  | 51,5             | 2,1                      | P L 25 3 20,4              | T 71B6  | 4,0   |                               |
| 38,2                                | 36,9  | 58,1             | 1,7                      | P L 25 3 36,9              | T 71A4  | 4,0   |                               |
| 37,4                                | 75,5  | 59,5             | 1,5                      | P L 25 3 75,5              | T 63B2  | 4,0   |                               |
| 37,0                                | 23,8  | 60,0             | 1,8                      | P L 25 3 23,8              | T 71B6  | 4,0   |                               |
| 36,5                                | 24,1  | 62,1             | 3,9                      | P - 63 2 24,1              | T 71B6  | 5,6   |                               |
| 34,8                                | 40,5  | 65,1             | 3,7                      | P - 63 2 40,5              | T 71A4  | 5,6   |                               |
| 34,6                                | 81,4  | 64,1             | 3,7                      | P - 63 3 81,4              | T 63B2  | 4,0   |                               |
| 34,5                                | 40,9  | 64,4             | 3,9                      | P L 45 3 40,9              | T 71A4  | 6,5   |                               |
| 33,7                                | 26,1  | 67,3             | 3,7                      | P - 63 2 26,1              | T 71B6  | 5,6   |                               |
| 33,1                                | 42,6  | 67,0             | 1,5                      | P L 25 3 42,6              | T 71A4  | 4,0   |                               |
| 32,5                                | 43,4  | 68,3             | 3,7                      | P - 63 3 43,4              | T 71A4  | 4,0   |                               |
| 32,4                                | 87,0  | 68,6             | 1,3                      | P L 25 3 87                | T 63B2  | 4,0   |                               |
| 32,1                                | 27,4  | 69,1             | 1,6                      | P L 25 3 27,4              | T 71B6  | 4,0   |                               |
| 31,9                                | 88,4  | 69,6             | 3,4                      | P - 63 3 88,4              | T 63B2  | 4,0   |                               |
| 31,2                                | 45,2  | 72,7             | 3,3                      | P - 63 2 45,2              | T 71A4  | 5,6   |                               |
| 30,9                                | 45,7  | 72,0             | 3,5                      | P L 45 3 45,7              | T 71A4  | 6,5   |                               |
| 30,7                                | 28,7  | 72,4             | 3,7                      | P L 45 3 28,7              | T 71B6  | 6,5   |                               |
| 30,0                                | 47,0  | 74,1             | 3,4                      | P - 63 3 47                | T 71A4  | 4,0   |                               |
| 28,5                                | 98,9  | 77,9             | 3,1                      | P - 63 3 98,9              | T 63B2  | 4,0   |                               |
| 27,8                                | 31,7  | 81,7             | 3,1                      | P - 63 2 31,7              | T 71B6  | 5,6   |                               |
| 27,8                                | 101,6   | 80,1             | 1,1                      | P L 25 3 101,6             | T 63B2  | 4,0   |                               |
| 27,5                                | 32,0  | 80,7             | 3,3                      | P L 45 3 32                | T 71B6  | 6,5   |                               |
| 27,5                                | 32,0  | 80,6             | 1,4                      | P L 25 3 32                | T 71B6  | 4,0   |                               |
| 26,7                                | 52,8  | 83,1             | 3,0                      | P L 45 3 52,8              | T 71A4  | 6,5   |                               |
| 26,5                                | 53,3  | 83,9             | 3,0                      | P - 63 3 53,3              | T 71A4  | 4,0   |                               |
| 25,7                                | 54,8  | 86,2             | 1,2                      | P L 25 3 54,8              | T 71A4  | 4,0   |                               |
| 24,7                                | 57,2  | 90,1             | 2,8                      | P - 63 3 57,2              | T 71A4  | 4,0   |                               |
| 24,7                                | 114,4   | 90,1             | 2,7                      | P - 63 3 114,4             | T 63B2  | 4,0   |                               |
| 24,0                                | 36,6  | 94,4             | 2,6                      | P - 63 2 36,6              | T 71B6  | 5,6   |                               |
| 24,0                                | 117,3   | 92,2             | 1,0                      | P L 25 3 117,3             | T 63B2  | 4,0   |                               |
| 23,9                                | 36,9  | 93,2             | 1,2                      | P L 25 3 36,9              | T 71B6  | 4,0   |                               |
| 23,5                                | 60,1  | 94,7             | 2,6                      | P L 45 3 60,1              | T 71A4  | 6,5   |                               |
| 22,8                                | 61,8  | 97,4             | 2,6                      | P - 63 3 61,8              | T 71A4  | 4,0   |                               |
| 21,8                                | 64,6  | 101,6            | 1,0                      | P L 25 3 64,6              | T 71A4  | 4,0   |                               |
| 21,7                                | 40,5  | 104,3            | 2,3                      | P - 63 2 40,5              | T 71B6  | 5,6   |                               |
| 21,5                                | 40,9  | 103,2            | 2,6                      | P L 45 3 40,9              | T 71B6  | 6,5   |                               |
| 21,0                                | 134,3   | 105,7            | 4,0                      | P - 71 3 134,3             | T 63B2  | 5,4   |                               |
| 20,8                                | 135,3   | 106,6            | 0,8                      | P L 25 3 135,3             | T 63B2  | 4,0   |                               |
| 20,8                                | 135,4   | 106,6            | 2,3                      | P - 63 3 135,4             | T 63B2  | 4,0   |                               |
| 20,7                                | 42,6  | 107,4            | 1,0                      | P L 25 3 42,6              | T 71B6  | 4,0   |                               |
| 20,3                                | 43,4  | 109,5            | 2,3                      | P - 63 3 43,4              | T 71B6  | 4,0   |                               |
| 20,3                                | 69,6  | 109,6            | 2,3                      | P - 63 3 69,6              | T 71A4  | 4,0   |                               |
| 20,0                                | 70,6  | 111,2            | 2,2                      | P L 45 3 70,6              | T 71A4  | 6,5   |                               |
| 19,7                                | 44,7  | 115,2            | 4,0                      | P - 71 2 44,7              | T 71B6  | 7,5   |                               |
| 19,3                                | 45,7  | 115,2            | 2,3                      | P L 45 3 45,7              | T 71B6  | 6,5   |                               |
| 18,9                                | 149,1   | 117,4            | 2,0                      | P - 63 3 149,1             | T 63B2  | 4,0   |                               |
| 18,7                                | 47,0  | 118,7            | 2,1                      | P - 63 3 47                | T 71B6  | 4,0   |                               |
| 18,7                                | 75,4  | 118,7            | 3,9                      | P - 71 3 75,4              | T 71A4  | 5,4   |                               |
| 18,7                                | 75,4  | 118,8            | 2,1                      | P - 63 3 75,4              | T 71A4  | 4,0   |                               |
| 18,7                                | 75,5  | 119,0            | 0,8                      | P L 25 3 75,5              | T 71A4  | 4,0   |                               |
| 18,2                                | 154,8   | 121,8            | 3,4                      | P - 71 3 154,8             | T 63B2  | 5,4   |                               |
| 17,7                                | 159,1   | 125,0            | 0,7                      | P L 25 3 159,1             | T 63B2  | 4,0   |                               |
| 17,4                                | 50,5  | 130,1            | 3,5                      | P - 71 2 50,5              | T 71B6  | 7,5   |                               |
| 17,3                                | 81,4  | 128,1            | 2,0                      | P - 63 3 81,4              | T 71A4  | 4,0   |                               |
| 17,3                                | 163,2   | 128,5            | 3,3                      | P - 71 3 163,2             | T 63B2  | 5,4   |                               |
| 17,1                                | 164,7   | 129,6            | 1,9                      | P - 63 3 164,7             | T 63B2  | 4,0   |                               |
| 16,7                                | 52,8  | 133,1            | 2,0                      | P L 45 3 52,8              | T 71B6  | 6,5   |                               |
| 16,5                                | 53,3  | 134,5            | 1,9                      | P - 63 3 53,3              | T 71B6  | 4,0   |                               |
| 16,5                                | 53,5  | 135,0            | 3,4                      | P - 71 3 53,5              | T 71B6  | 5,4   |                               |
| 16,5                                | 85,7  | 135,0            | 1,9                      | P L 45 3 85,7              | T 71A4  | 6,5   |                               |
| 16,2                                | 86,8  | 136,7            | 3,4                      | P - 71 3 86,8              | T 71A4  | 5,4   |                               |
| 16,2                                | 87,0  | 136,6            | 0,7                      | P L 25 3 87                | T 71A4  | 4,0   |                               |
| 16,1                                | 175,4   | 138,0            | 3,9                      | P L 65 3 175,4             | T 63B2  | 8,0   |                               |
| 16,1                                | 54,8  | 138,2            | 0,8                      | P L 25 3 54,8              | T 71B6  | 4,0   |                               |
| 16,0                                | 88,4  | 139,2            | 1,8                      | P - 63 3 88,4              | T 71A4  | 4,0   |                               |
| 15,6                                | 181,3   | 142,9            | 1,7                      | P - 63 3 181,3             | T 63B2  | 4,0   |                               |
| 15,4                                | 91,5  | 144,1            | 3,2                      | P - 71 3 91,5              | T 71A4  | 5,4   |                               |
| 15,4                                | 57,2  | 144,2            | 1,8                      | P - 63 3 57,2              | T 71B6  | 4,0   |                               |
| 14,7                                | 191,6   | 150,8            | 3,0                      | P - 71 3 191,6             | T 63B2  | 5,4   |                               |
| 14,6                                | 60,1  | 151,7            | 1,8                      | P L 45 3 60,1              | T 71B6  | 6,5   |                               |
| 14,5                                | 60,8  | 153,5            | 3,0                      | P - 71 3 60,8              | T 71B6  | 5,4   |                               |
| 14,3                                | 98,9  | 155,9            | 1,6                      | P - 63 3 98,9              | T 71A4  | 4,0   |                               |
| 14,3                                | 197,9   | 155,9            | 3,5                      | P L 65 3 197,9             | T 63B2  | 8,0   |                               |
| 14,2                                | 99,0  | 155,9            | 3,8                      | P L 65 3 99                | T 71A4  | 8,0   |                               |
| 14,2                                | 61,8  | 155,9            | 1,6                      | P - 63 3 61,8              | T 71B6  | 4,0   |                               |
| 14,2                                | 99,3  | 156,5            | 2,9                      | P - 71 3 99,3              | T 71A4  | 5,4   |                               |
| 14,0                                | 100,7   | 158,6            | 1,6                      | P L 45 3 100,7             | T 71A4  | 6,5   |                               |
| 13,7                                | 64,2  | 161,8            | 2,9                      | P - 71 3 64,2              | T 71B6  | 5,4   |                               |
| 13,7                                | 64,4  | 162,5            | 4,0                      | P L 65 3 64,4              | T 71B6  | 8,0   |                               |
| 13,2                                | 107,1   | 168,5            | 1,5                      | P L 45 3 107,1             | T 71A4  | 6,5   |                               |
| 13,1                                | 107,5   | 169,1            | 2,7                      | P - 71 3 107,5             | T 71A4  | 5,4   |                               |
| 13,0                                | 216,9   | 170,9            | 1,4                      | P - 63 3 216,9             | T 63B2  | 4,0   |                               |
| 12,8                                | 220,8   | 173,9            | 2,6                      | P - 71 3 220,8             | T 63B2  | 5,4   |                               |
| 12,6                                | 69,6  | 175,6            | 1,4                      | P - 63 3 69,6              | T 71B6  | 4,0   |                               |



0,25



**0.25  
kW**

HIGH TECH *line* Motion

**FAMCO**  
هایپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 12.5  | 70.6             | 178.1                                 | 1.5                        | P L 45 3 70.6   | T 71B6  | 6.5                                       |
|                                     | 12.3  | 114.4            | 180.1                                 | 1.4                        | P - 63 3 114.4  | T 71A4  | 4.0                                       |
|                                     | 12.1  | 116.2            | 183.2                                 | 3.3                        | P L 65 3 116.2  | T 71A4  | 8.0                                       |
|                                     | 11.8  | 74.4             | 187.6                                 | 3.5                        | P L 65 3 74.4   | T 71B6  | 8.0                                       |
|                                     | 11.7  | 75.4             | 190.1                                 | 2.5                        | P - 71 3 75.4   | T 71B6  | 5.4                                       |
|                                     | 11.7  | 75.4             | 190.3                                 | 1.3                        | P - 63 3 75.4   | T 71B6  | 4.0                                       |
|                                     | 11.4  | 123.8            | 194.9                                 | 2.4                        | P - 71 3 123.8  | T 71A4  | 5.4                                       |
|                                     | 10.8  | 81.4             | 205.6                                 | 1.2                        | P - 63 3 81.4   | T 71B6  | 4.0                                       |
|                                     | 10.6  | 132.7            | 209.0                                 | 1.2                        | P L 45 3 132.7  | T 71A4  | 6.5                                       |
|                                     | 10.5  | 134.3            | 211.4                                 | 2.2                        | P - 71 3 134.3  | T 71A4  | 5.4                                       |
|                                     | 10.4  | 135.4            | 213.3                                 | 1.2                        | P - 63 3 135.4  | T 71A4  | 4.0                                       |
|                                     | 10.3  | 85.4             | 215.5                                 | 3.0                        | P L 65 3 85.4   | T 71B6  | 8.0                                       |
|                                     | 10.3  | 85.7             | 216.3                                 | 1.2                        | P L 45 3 85.7   | T 71B6  | 6.5                                       |
|                                     | 10.2  | 138.8            | 218.7                                 | 2.7                        | P L 65 3 138.8  | T 71A4  | 8.0                                       |
|                                     | 10.1  | 86.8             | 218.8                                 | 2.1                        | P - 71 3 86.8   | T 71B6  | 5.4                                       |
|                                     | 10.0  | 88.4             | 223.2                                 | 1.1                        | P - 63 3 88.4   | T 71B6  | 4.0                                       |
|                                     | 9.6   | 91.5             | 230.8                                 | 2.0                        | P - 71 3 91.5   | T 71B6  | 5.4                                       |
|                                     | 9.5   | 149.1            | 235.0                                 | 1.1                        | P - 63 3 149.1  | T 71A4  | 4.0                                       |
|                                     | 9.2   | 152.8            | 240.4                                 | 2.5                        | P L 65 3 152.8  | T 71A4  | 8.0                                       |
|                                     | 9.2   | 152.9            | 240.4                                 | 1.0                        | P L 45 3 152.9  | T 71A4  | 6.5                                       |
|                                     | 9.1   | 154.8            | 243.6                                 | 1.9                        | P - 71 3 154.8  | T 71A4  | 5.4                                       |
|                                     | 9.1   | 155.2            | 244.4                                 | 3.7                        | P - 90 3 155.2  | T 71A4  | 7.5                                       |
|                                     | 8.9   | 98.9             | 249.0                                 | 1.0                        | P - 63 3 98.9   | T 71B6  | 4.0                                       |
|                                     | 8.9   | 99.0             | 249.6                                 | 2.6                        | P L 65 3 99   | T 71B6  | 8.0                                       |
|                                     | 8.9   | 99.3             | 250.5                                 | 1.9                        | P - 71 3 99.3   | T 71B6  | 5.4                                       |
|                                     | 8.8   | 100.6            | 253.8                                 | 3.7                        | P - 90 3 100.6  | T 71B6  | 7.5                                       |
|                                     | 8.7   | 100.7            | 253.8                                 | 1.1                        | P L 45 3 100.7  | T 71B6  | 6.5                                       |
|                                     | 8.6   | 163.2            | 257.3                                 | 1.8                        | P - 71 3 163.2  | T 71A4  | 5.4                                       |
|                                     | 8.6   | 164.7            | 259.3                                 | 1.0                        | P - 63 3 164.7  | T 71A4  | 4.0                                       |
|                                     | 8.2   | 107.1            | 270.0                                 | 1.0                        | P L 45 3 107.1  | T 71B6  | 6.5                                       |
|                                     | 8.2   | 107.5            | 271.4                                 | 1.7                        | P - 71 3 107.5  | T 71B6  | 5.4                                       |
|                                     | 8.1   | 108.9            | 274.7                                 | 3.4                        | P - 90 3 108.9  | T 71B6  | 7.5                                       |
|                                     | 8.0   | 175.4            | 276.2                                 | 2.2                        | P L 65 3 175.4  | T 71A4  | 8.0                                       |
|                                     | 7.9   | 178.1            | 280.5                                 | 3.2                        | P - 90 3 178.1  | T 71A4  | 7.5                                       |
|                                     | 7.8   | 181.3            | 285.4                                 | 0.9                        | P - 63 3 181.3  | T 71A4  | 4.0                                       |
|                                     | 7.7   | 114.4            | 288.5                                 | 0.9                        | P - 63 3 114.4  | T 71B6  | 4.0                                       |
|                                     | 7.6   | 116.2            | 293.3                                 | 2.2                        | P L 65 3 116.2  | T 71B6  | 8.0                                       |
|                                     | 7.5   | 188.9            | 297.6                                 | 0.8                        | P L 45 3 188.9  | T 71A4  | 6.5                                       |
|                                     | 7.4   | 191.6            | 301.7                                 | 1.6                        | P - 71 3 191.6  | T 71A4  | 5.4                                       |
|                                     | 7.1   | 197.9            | 311.9                                 | 1.9                        | P L 65 3 197.9  | T 71A4  | 8.0                                       |
|                                     | 7.1   | 123.8            | 312.5                                 | 1.5                        | P - 71 3 123.8  | T 71B6  | 5.4                                       |
|                                     | 7.0   | 125.0            | 315.4                                 | 3.0                        | P - 90 3 125  | T 71B6  | 7.5                                       |
|                                     | 7.0   | 201.0            | 316.9                                 | 2.9                        | P - 90 3 201  | T 71A4  | 7.5                                       |
|                                     | 6.9   | 204.1            | 321.2                                 | 3.7                        | P L 85 3 204.1  | T 71A4  | 11.0                                      |
|                                     | 6.6   | 132.7            | 334.2                                 | 0.8                        | P L 45 3 132.7  | T 71B6  | 6.5                                       |
|                                     | 6.6   | 214.0            | 337.1                                 | 3.6                        | P L 85 3 214  | T 71A4  | 11.0                                      |
|                                     | 6.6   | 134.3            | 339.3                                 | 1.4                        | P - 71 3 134.3  | T 71B6  | 5.4                                       |
|                                     | 6.5   | 135.4            | 340.9                                 | 0.7                        | P - 63 3 135.4  | T 71B6  | 4.0                                       |
|                                     | 6.5   | 216.9            | 341.5                                 | 0.7                        | P - 63 3 216.9  | T 71A4  | 4.0                                       |
|                                     | 6.4   | 136.8            | 345.4                                 | 3.8                        | P L 85 3 136.8  | T 71B6  | 11.0                                      |
|                                     | 6.4   | 220.8            | 347.2                                 | 1.4                        | P - 71 3 220.8  | T 71A4  | 5.4                                       |
|                                     | 6.3   | 138.8            | 350.2                                 | 1.9                        | P L 65 3 138.8  | T 71B6  | 8.0                                       |
|                                     | 6.3   | 224.4            | 353.8                                 | 2.6                        | P - 90 3 224.4  | T 71A4  | 7.5                                       |
|                                     | 6.2   | 141.0            | 355.8                                 | 2.7                        | P - 90 3 141  | T 71B6  | 7.5                                       |
|                                     | 6.0   | 234.0            | 368.1                                 | 3.3                        | P L 85 3 234  | T 71A4  | 11.0                                      |
|                                     | 5.8   | 152.8            | 385.1                                 | 1.7                        | P L 65 3 152.8  | T 71B6  | 8.0                                       |
|                                     | 5.8   | 152.9            | 385.7                                 | 0.7                        | P L 45 3 152.9  | T 71B6  | 6.5                                       |
|                                     | 5.7   | 154.8            | 390.6                                 | 1.3                        | P - 71 3 154.8  | T 71B6  | 5.4                                       |
|                                     | 5.7   | 155.2            | 391.8                                 | 2.4                        | P - 90 3 155.2  | T 71B6  | 7.5                                       |
|                                     | 5.6   | 253.2            | 398.4                                 | 2.3                        | P - 90 3 253.2  | T 71A4  | 7.5                                       |
|                                     | 5.5   | 160.0            | 403.7                                 | 3.2                        | P L 85 3 160  | T 71B6  | 11.0                                      |
|                                     | 5.4   | 163.2            | 412.3                                 | 1.1                        | P - 71 3 163.2  | T 71B6  | 5.4                                       |
|                                     | 5.2   | 270.0            | 425.5                                 | 2.8                        | P L 85 3 270  | T 71A4  | 11.0                                      |
|                                     | 5.0   | 175.4            | 442.8                                 | 1.5                        | P L 65 3 175.4  | T 71B6  | 8.0                                       |
|                                     | 4.9   | 178.1            | 449.1                                 | 2.1                        | P - 90 3 178.1  | T 71B6  | 7.5                                       |
|                                     | 4.8   | 184.6            | 465.6                                 | 2.8                        | P L 85 3 184.6  | T 71B6  | 11.0                                      |
|                                     | 4.6   | 191.6            | 483.3                                 | 1.1                        | P - 71 3 191.6  | T 71B6  | 5.4                                       |
|                                     | 4.5   | 197.9            | 498.5                                 | 1.3                        | P L 65 3 197.9  | T 71B6  | 8.0                                       |
|                                     | 4.4   | 201.0            | 507.0                                 | 1.9                        | P - 90 3 201  | T 71B6  | 7.5                                       |
|                                     | 4.3   | 204.1            | 515.1                                 | 2.5                        | P L 85 3 204.1  | T 71B6  | 11.0                                      |
|                                     | 4.1   | 214.0            | 539.9                                 | 2.4                        | P L 85 3 214  | T 71B6  | 11.0                                      |
|                                     | 4.0   | 220.8            | 555.6                                 | 0.9                        | P - 71 3 220.8  | T 71B6  | 5.4                                       |
|                                     | 3.9   | 224.4            | 566.5                                 | 1.7                        | P - 90 3 224.4  | T 71B6  | 7.5                                       |
|                                     | 3.8   | 234.0            | 590.9                                 | 2.2                        | P L 85 3 234  | T 71B6  | 11.0                                      |
|                                     | 3.5   | 253.2            | 638.5                                 | 1.5                        | P - 90 3 253.2  | T 71B6  | 7.5                                       |
|                                     | 3.3   | 270.0            | 681.3                                 | 1.9                        | P L 85 3 270  | T 71B6  | 11.0                                      |
|                                     | 2.5   | 350.3            | 856.6                                 | 3.2                        | P E 125 350.27  | T 71B6  | 10.5                                      |
|                                     | 2.4   | 580.5            | 884.1                                 | 3.3                        | P E 125 580.52  | T 71A4  | 10.5                                      |
|                                     | 2.4   | 1175.0           | 895.4                                 | 2.8                        | P E 125 1175.04   | T 63B2  | 10.5                                      |
|                                     | 2.3   | 383.9            | 937.8                                 | 3.7                        | P E 125 383.88  | T 71B6  | 10.5                                      |
|                                     | 2.3   | 625.2            | 951.1                                 | 3.7                        | P E 125 625.23  | T 71A4  | 10.5                                      |
|                                     | 2.2   | 648.4            | 989.8                                 | 3.5                        | P E 125 648.43  | T 71A4  | 10.5                                      |
|                                     | 2.1   | 416.3            | 1018.6                                | 3.4                        | P E 125 416.28  | T 71B6  | 10.5                                      |
|                                     | 2.0   | 439.7            | 1074.1                                | 3.7                        | P E 132 439.72  | T 71B6  | 12.0                                      |
|                                     | 2.0   | 724.6            | 1101.3                                | 2.7                        | P E 125 724.6   | T 71A4  | 10.5                                      |
|                                     | 1.9   | 461.9            | 1124.7                                | 3.1                        | P E 125 461.93  | T 71B6  | 10.5                                      |
|                                     | 1.9   | 742.8            | 1131.2                                | 3.5                        | P E 132 742.75  | T 71A4  | 12.0                                      |
|                                     | 1.8   | 483.9            | 1180.6                                | 3.4                        | P E 132 483.92  | T 71B6  | 12.0                                      |
|                                     | 1.8   | 780.3            | 1187.2                                | 2.9                        | P E 125 780.26  | T 71A4  | 10.5                                      |
|                                     | 1.7   | 817.4            | 1250.0                                | 3.2                        | P E 132 817.42  | T 71A4  | 12.0                                      |
|                                     | 1.7   | 519.6            | 1271.8                                | 2.8                        | P E 125 519.6   | T 71B6  | 10.5                                      |
|                                     | 1.7   | 524.8            | 1278.8                                | 3.1                        | P E 132 524.76  | T 71B6  | 12.0                                      |
|                                     | 1.6   | 543.9            | 1326.3                                | 3.0                        | P E 132 543.89  | T 71B6  | 12.0                                      |
|                                     | 1.6   | 905.7            | 1377.4                                | 2.9                        | P E 132 905.66  | T 71A4  | 12.0                                      |
| 0,25                                | 1.6   | 904.3            | 1376.9                                | 2.3                        | P E 125 904.27  | T 71A4  | 10.5                                      |

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تهران، کیلومتر ۲۱ بزرگراه لشکری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۴



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
| 0,25                                | 1,5   | 580,5            | 1413,3                               | 2,1                        | P E 125 580,52  | T 71B6  | 10,5                                      |
|                                     | 1,5   | 595,2            | 1451,4                               | 2,8                        | P E 132 595,18  | T 71B6  | 12,0                                      |
|                                     | 1,4   | 625,2            | 1524,4                               | 2,3                        | P E 125 625,23  | T 71B6  | 10,5                                      |
|                                     | 1,4   | 643,2            | 1569,0                               | 3,8                        | P E 150 643,23  | T 71B6  | 16,0                                      |
|                                     | 1,4   | 1037,5           | 1580,6                               | 3,8                        | P E 150 1037,52   | T 71A4  | 16,0                                      |
|                                     | 1,4   | 648,4            | 1579,4                               | 2,2                        | P E 125 648,43  | T 71B6  | 10,5                                      |
|                                     | 1,3   | 655,0            | 1602,6                               | 2,5                        | P E 132 655,01  | T 71B6  | 12,0                                      |
|                                     | 1,3   | 697,5            | 1704,5                               | 3,5                        | P E 150 697,51  | T 71B6  | 16,0                                      |
|                                     | 1,2   | 724,6            | 1777,3                               | 1,7                        | P E 125 724,6   | T 71B6  | 10,5                                      |
|                                     | 1,2   | 1175,0           | 1790,5                               | 1,5                        | P E 125 1175,04   | T 71A4  | 10,5                                      |
|                                     | 1,2   | 1183,2           | 1805,1                               | 3,3                        | P E 150 1183,21   | T 71A4  | 16,0                                      |
|                                     | 1,2   | 743,0            | 1820,4                               | 3,3                        | P E 150 743,02  | T 71B6  | 16,0                                      |
|                                     | 1,2   | 742,8            | 1821,5                               | 2,2                        | P E 132 742,75  | T 71B6  | 12,0                                      |
|                                     | 1,2   | 766,5            | 1868,0                               | 3,2                        | P E 150 766,52  | T 71B6  | 16,0                                      |
|                                     | 1,1   | 780,3            | 1902,2                               | 1,8                        | P E 125 780,26  | T 71B6  | 10,5                                      |
|                                     | 1,1   | 1294,8           | 1971,1                               | 3,0                        | P E 150 1294,77   | T 71A4  | 16,0                                      |
|                                     | 1,1   | 817,4            | 1988,1                               | 2,0                        | P E 132 817,42  | T 71B6  | 12,0                                      |
|                                     | 1,1   | 831,2            | 2027,0                               | 3,0                        | P E 150 831,21  | T 71B6  | 16,0                                      |
|                                     | 1,0   | 870,6            | 2127,7                               | 2,8                        | P E 150 870,64  | T 71B6  | 16,0                                      |
|                                     | 1,0   | 1424,9           | 2170,8                               | 2,8                        | P E 150 1424,94   | T 71A4  | 16,0                                      |
|                                     | 1,0   | 905,7            | 2217,3                               | 1,8                        | P E 132 905,66  | T 71B6  | 12,0                                      |
|                                     | 1,0   | 904,3            | 2216,1                               | 1,4                        | P E 125 904,27  | T 71B6  | 10,5                                      |
|                                     | 0,93  | 948,1            | 2311,2                               | 2,6                        | P E 150 948,12  | T 71B6  | 16,0                                      |
|                                     | 0,91  | 1546,4           | 2361,0                               | 3,8                        | P E 170 1546,36   | T 71A4  | 21,0                                      |
|                                     | 0,90  | 981,4            | 2388,5                               | 3,8                        | P E 170 981,35  | T 71B6  | 21,0                                      |
|                                     | 0,89  | 1578,8           | 2415,5                               | 2,5                        | P E 150 1578,76   | T 71A4  | 16,0                                      |
|                                     | 0,85  | 1037,5           | 2529,5                               | 2,4                        | P E 150 1037,52   | T 71B6  | 16,0                                      |
|                                     | 0,83  | 1064,2           | 2589,2                               | 3,5                        | P E 170 1064,22   | T 71B6  | 21,0                                      |
|                                     | 0,76  | 1158,9           | 2826,6                               | 3,2                        | P E 170 1158,92   | T 71B6  | 21,0                                      |
|                                     | 0,75  | 1175,0           | 2860,2                               | 0,9                        | P E 125 1175,04   | T 71B6  | 10,5                                      |
|                                     | 0,74  | 1183,2           | 2901,4                               | 2,1                        | P E 150 1183,21   | T 71B6  | 16,0                                      |
|                                     | 0,69  | 1268,2           | 3112,0                               | 2,9                        | P E 170 1268,2  | T 71B6  | 21,0                                      |
|                                     | 0,68  | 1294,8           | 3157,9                               | 1,9                        | P E 150 1294,77   | T 71B6  | 16,0                                      |
|                                     | 0,63  | 1395,7           | 3411,6                               | 3,7                        | P E 190 1395,69   | T 71B6  | 27,0                                      |
|                                     | 0,63  | 1395,7           | 3409,1                               | 2,6                        | P E 170 1395,69   | T 71B6  | 21,0                                      |
|                                     | 0,62  | 1424,9           | 3464,2                               | 1,7                        | P E 150 1424,94   | T 71B6  | 16,0                                      |
|                                     | 0,57  | 1546,4           | 3769,6                               | 3,3                        | P E 190 1546,36   | T 71B6  | 27,0                                      |
|                                     | 0,57  | 1546,4           | 3768,8                               | 2,4                        | P E 170 1546,36   | T 71B6  | 21,0                                      |
|                                     | 0,56  | 1578,8           | 3836,3                               | 1,6                        | P E 150 1578,76   | T 71B6  | 16,0                                      |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |               |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---------------|--------|---|
|                                     | 140,2   | 20,4             | 23,4                                 | 3,8                        | P L 25 3 20,4 | T 71A2 | 4,0                                       |
|                                     | 137,3   | 20,4             | 23,9                                 | 3,8                        | P L 25 3 20,4 | T 63C2 | 4,0                                       |
|                                     | 120,2   | 23,8             | 27,3                                 | 3,3                        | P L 25 3 23,8 | T 71A2 | 4,0                                       |
|                                     | 117,7   | 23,8             | 27,9                                 | 3,2                        | P L 25 3 23,8 | T 63C2 | 4,0                                       |
|                                     | 104,4   | 27,4             | 31,5                                 | 2,9                        | P L 25 3 27,4 | T 71A2 | 4,0                                       |
|                                     | 102,2   | 27,4             | 32,1                                 | 2,8                        | P L 25 3 27,4 | T 63C2 | 4,0                                       |
|                                     | 89,4  | 32,0             | 36,8                                 | 2,4                        | P L 25 3 32   | T 71A2 | 4,0                                       |
|                                     | 87,5  | 32,0             | 37,5                                 | 2,4                        | P L 25 3 32   | T 63C2 | 4,0                                       |
|                                     | 79,7  | 17,2             | 41,2                                 | 2,4                        | P L 25 3 17,2 | T 71B4 | 4,0                                       |
|                                     | 77,9  | 17,2             | 42,2                                 | 2,4                        | P L 25 3 17,2 | T 63D4 | 4,0                                       |
|                                     | 77,5  | 36,9             | 42,4                                 | 2,1                        | P L 25 3 36,9 | T 71A2 | 4,0                                       |
|                                     | 75,9  | 36,9             | 43,3                                 | 2,1                        | P L 25 3 36,9 | T 63C2 | 4,0                                       |
|                                     | 67,2  | 20,4             | 48,9                                 | 2,0                        | P L 25 3 20,4 | T 71B4 | 4,0                                       |
|                                     | 67,1  | 42,6             | 49,0                                 | 1,8                        | P L 25 3 42,6 | T 71A2 | 4,0                                       |
|                                     | 65,7  | 42,6             | 50,0                                 | 1,8                        | P L 25 3 42,6 | T 63C2 | 4,0                                       |
|                                     | 65,7  | 20,4             | 50,0                                 | 2,0                        | P L 25 3 20,4 | T 63D4 | 4,0                                       |
|                                     | 60,9  | 47,0             | 54,0                                 | 3,7                        | P - 63 3 47   | T 71A2 | 4,0                                       |
|                                     | 59,6  | 47,0             | 55,2                                 | 3,6                        | P - 63 3 47   | T 63C2 | 4,0                                       |
|                                     | 57,6  | 23,8             | 57,1                                 | 1,8                        | P L 25 3 23,8 | T 71B4 | 4,0                                       |
|                                     | 56,9  | 24,1             | 59,1                                 | 3,9                        | P - 63 2 24,1 | T 71B4 | 5,6                                       |
|                                     | 56,3  | 23,8             | 58,4                                 | 1,7                        | P L 25 3 23,8 | T 63D4 | 4,0                                       |
|                                     | 55,6  | 24,1             | 60,4                                 | 3,8                        | P - 63 2 24,1 | T 63D4 | 5,6                                       |
|                                     | 54,7  | 17,2             | 60,1                                 | 1,8                        | P L 25 3 17,2 | T 80A6 | 4,0                                       |
|                                     | 54,2  | 52,8             | 60,7                                 | 3,7                        | P L 45 3 52,8 | T 71A2 | 6,5                                       |
|                                     | 53,7  | 53,3             | 61,2                                 | 3,6                        | P - 63 3 53,3 | T 71A2 | 4,0                                       |
|                                     | 52,9  | 17,2             | 62,1                                 | 1,8                        | P L 25 3 17,2 | T 71C6 | 4,0                                       |
|                                     | 52,5  | 53,3             | 62,6                                 | 3,5                        | P - 63 3 53,3 | T 63C2 | 4,0                                       |
|                                     | 52,5  | 26,1             | 63,9                                 | 3,8                        | P - 63 2 26,1 | T 71B4 | 5,6                                       |
|                                     | 52,2  | 54,8             | 62,9                                 | 1,4                        | P L 25 3 54,8 | T 71A2 | 4,0                                       |
|                                     | 51,3  | 26,1             | 65,4                                 | 3,7                        | P - 63 2 26,1 | T 63D4 | 5,6                                       |
|                                     | 51,1  | 54,8             | 64,3                                 | 1,4                        | P L 25 3 54,8 | T 63C2 | 4,0                                       |
|                                     | 50,0  | 57,2             | 65,7                                 | 3,5                        | P - 63 3 57,2 | T 71A2 | 4,0                                       |
|                                     | 50,0  | 27,4             | 65,7                                 | 1,5                        | P L 25 3 27,4 | T 71B4 | 4,0                                       |
|                                     | 49,0  | 57,2             | 67,1                                 | 3,4                        | P - 63 3 57,2 | T 63C2 | 4,0                                       |
|                                     | 48,9  | 27,4             | 67,2                                 | 1,5                        | P L 25 3 27,4 | T 63D4 | 4,0                                       |
|                                     | 47,7  | 28,7             | 68,8                                 | 3,6                        | P L 45 3 28,7 | T 71B4 | 6,5                                       |
|                                     | 47,6  | 60,1             | 69,0                                 | 3,3                        | P L 45 3 60,1 | T 71A2 | 6,5                                       |
|                                     | 47,5  | 19,8             | 70,7                                 | 3,6                        | P - 63 2 19,8 | T 80A6 | 5,6                                       |
|                                     | 46,3  | 61,8             | 71,0                                 | 3,2                        | P - 63 3 61,8 | T 71A2 | 4,0                                       |
|                                     | 46,1  | 20,4             | 71,3                                 | 1,5                        | P L 25 3 20,4 | T 80A6 | 4,0                                       |
|                                     | 46,0  | 19,8             | 73,0                                 | 3,5                        | P - 63 2 19,8 | T 71C6 | 5,6                                       |
|                                     | 45,9  | 20,5             | 73,2                                 | 3,3                        | P - 63 2 20,5 | T 80A6 | 5,6                                       |
|                                     | 45,3  | 61,8             | 72,5                                 | 3,2                        | P - 63 3 61,8 | T 63C2 | 4,0                                       |
|                                     | 44,6  | 20,4             | 73,6                                 | 1,5                        | P L 25 3 20,4 | T 71C6 | 4,0                                       |
|                                     | 44,4  | 20,5             | 75,6                                 | 3,2                        | P - 63 2 20,5 | T 71C6 | 5,6                                       |
|                                     | 44,3  | 64,6             | 74,2                                 | 1,2                        | P L 25 3 64,6 | T 71A2 | 4,0                                       |
|                                     | 43,3  | 64,6             | 75,9                                 | 1,2                        | P L 25 3 64,6 | T 63C2 | 4,0                                       |
|                                     | 43,2  | 31,7             | 77,7                                 | 3,1                        | P - 63 2 31,7 | T 71B4 | 5,6                                       |
|                                     | 42,8  | 32,0             | 76,8                                 | 3,3                        | P L 45 3 32   | T 71B4 | 6,5                                       |
|                                     | 42,8  | 32,0             | 76,8                                 | 1,3                        | P L 25 3 32   | T 71B4 | 4,0                                       |
|                                     | 42,3  | 31,7             | 79,4                                 | 3,0                        | P - 63 2 31,7 | T 63D4 | 5,6                                       |
|                                     | 41,9  | 32,0             | 78,4                                 | 1,3                        | P L 25 3 32   | T 63D4 | 4,0                                       |
|                                     | 41,1  | 69,6             | 80,0                                 | 3,0                        | P - 63 3 69,6 | T 71A2 | 4,0                                       |
|                                     | 40,5  | 70,6             | 81,1                                 | 2,8                        | P L 45 3 70,6 | T 71A2 | 6,5                                       |
|                                     | 40,2  | 69,6             | 81,7                                 | 2,9                        | P - 63 3 69,6 | T 63C2 | 4,0                                       |
|                                     | 39,5  | 23,8             | 83,2                                 | 1,3                        | P L 25 3 23,8 | T 80A6 | 4,0                                       |
|                                     | 39,0  | 24,1             | 86,1                                 | 2,8                        | P - 63 2 24,1 | T 80A6 | 5,6                                       |
|                                     | 38,2  | 23,8             | 85,9                                 | 1,3                        | P L 25 3 23,8 | T 71C6 | 4,0                                       |
|                                     | 37,9  | 75,4             | 86,6                                 | 2,8                        | P - 63 3 75,4 | T 71A2 | 4,0                                       |
|                                     | 37,9  | 75,5             | 86,7                                 | 1,0                        | P L 25 3 75,5 | T 71A2 | 4,0                                       |
|                                     | 37,8  | 24,1             | 88,9                                 | 2,8                        | P - 63 2 24,1 | T 71C6 | 5,6                                       |
|                                     | 37,4  | 36,6             | 89,7                                 | 2,8                        | P - 63 2 36,6 | T 71B4 | 5,6                                       |
|                                     | 37,1  | 75,4             | 88,4                                 | 2,7                        | P - 63 3 75,4 | T 63C2 | 4,0                                       |
|                                     | 37,1  | 36,9             | 88,5                                 | 1,1                        | P L 25 3 36,9 | T 71B4 | 4,0                                       |
|                                     | 37,1  | 75,5             | 88,6                                 | 1,0                        | P L 25 3 75,5 | T 63C2 | 4,0                                       |
|                                     | 36,6  | 36,6             | 91,7                                 | 2,7                        | P - 63 2 36,6 | T 63D4 | 5,6                                       |
|                                     | 36,3  | 36,9             | 90,5                                 | 1,1                        | P L 25 3 36,9 | T 63D4 | 4,0                                       |
|                                     | 36,0  | 26,1             | 93,2                                 | 2,7                        | P - 63 2 26,1 | T 80A6 | 5,6                                       |
|                                     | 35,1  | 81,4             | 93,5                                 | 2,6                        | P - 63 3 81,4 | T 71A2 | 4,0                                       |
|                                     | 34,9  | 26,1             | 96,3                                 | 2,6                        | P - 63 2 26,1 | T 71C6 | 5,6                                       |
|                                     | 34,4  | 81,4             | 95,5                                 | 2,5                        | P - 63 3 81,4 | T 63C2 | 4,0                                       |
|                                     | 34,3  | 27,4             | 95,8                                 | 1,1                        | P L 25 3 27,4 | T 80A6 | 4,0                                       |
|                                     | 33,8  | 40,5             | 99,2                                 | 2,4                        | P - 63 2 40,5 | T 71B4 | 5,6                                       |
|                                     | 33,5  | 40,9             | 98,1                                 | 2,5                        | P L 45 3 40,9 | T 71B4 | 6,5                                       |
|                                     | 33,4  | 85,7             | 98,5                                 | 2,3                        | P L 45 3 85,7 | T 71A2 | 6,5                                       |
|                                     | 33,2  | 27,4             | 99,0                                 | 1,1                        | P L 25 3 27,4 | T 71C6 | 4,0                                       |
|                                     | 33,1  | 40,5             | 101,5                                | 2,4                        | P - 63 2 40,5 | T 63D4 | 5,6                                       |
|                                     | 32,9  | 87,0             | 100,0                                | 0,9                        | P L 25 3 87   | T 71A2 | 4,0                                       |
|                                     | 32,8  | 28,7             | 100,3                                | 2,7                        | P L 45 3 28,7 | T 80A6 | 6,5                                       |
|                                     | 32,4  | 88,4             | 101,6                                | 2,4                        | P - 63 3 88,4 | T 71A2 | 4,0                                       |
|                                     | 32,2  | 87,0             | 102,1                                | 0,9                        | P L 25 3 87   | T 63C2 | 4,0                                       |
|                                     | 32,2  | 42,6             | 102,2                                | 1,0                        | P L 25 3 42,6 | T 71B4 | 4,0                                       |
|                                     | 31,7  | 28,7             | 103,6                                | 2,6                        | P L 45 3 28,7 | T 71C6 | 6,5                                       |
|                                     | 31,7  | 88,4             | 103,7                                | 2,3                        | P - 63 3 88,4 | T 63C2 | 4,0                                       |
|                                     | 31,6  | 43,4             | 104,0                                | 2,4                        | P - 63 3 43,4 | T 71B4 | 4,0                                       |
|                                     | 31,5  | 42,6             | 104,5                                | 1,0                        | P L 25 3 42,6 | T 63D4 | 4,0                                       |
|                                     | 31,3  | 91,5             | 105,1                                | 4,0                        | P - 71 3 91,5 | T 71A2 | 5,4                                       |
|                                     | 30,9  | 43,4             | 106,4                                | 2,3                        | P - 63 3 43,4 | T 63D4 | 4,0                                       |
|                                     | 30,6  | 91,5             | 107,4                                | 3,9                        | P - 71 3 91,5 | T 63C2 | 5,4                                       |
|                                     | 30,3  | 45,2             | 110,7                                | 2,2                        | P - 63 2 45,2 | T 71B4 | 5,6                                       |
|                                     | 30,0  | 45,7             | 109,6                                | 2,3                        | P L 45 3 45,7 | T 71B4 | 6,5                                       |
|                                     | 29,7  | 31,7             | 113,2                                | 2,2                        | P - 63 2 31,7 | T 80A6 | 5,6                                       |
|                                     | 29,7  | 45,2             | 113,3                                | 2,1                        | P - 63 2 45,2 | T 63D4 | 5,6                                       |
|                                     | 29,4  | 32,0             | 111,9                                | 2,4                        | P L 45 3 32   | T 80A6 | 6,5                                       |
|                                     | 29,4  | 32,0             | 111,8                                | 1,0                        | P L 25 3 32   | T 80A6 | 4,0                                       |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------|--------|---|
| 29.2                                | 47.0  | 112.7            | 2.2                                  | P - 63 3 47                | T 71B4   | 4.0    |   |
| 28.9                                | 98.9  | 113.7            | 2.1                                  | P - 63 3 98.9              | T 71A2   | 4.0    |   |
| 28.8                                | 99.3  | 114.1            | 3.7                                  | P - 71 3 99.3              | T 71A2   | 5.4    |   |
| 28.7                                | 31.7  | 116.9            | 2.1                                  | P - 63 2 31.7              | T 71C6   | 5.6    |   |
| 28.5                                | 47.0  | 115.2            | 2.2                                  | P - 63 3 47                | T 63D4   | 4.0    |   |
| 28.4                                | 32.0  | 115.5            | 2.3                                  | P L 45 3 32                | T 71C6   | 6.5    |   |
| 28.4                                | 32.0  | 115.6            | 1.0                                  | P L 25 3 32                | T 71C6   | 4.0    |   |
| 28.4                                | 33.1  | 118.2            | 3.5                                  | P - 71 2 33.1              | T 80A6   | 7.5    |   |
| 28.4                                | 100.7   | 115.8            | 1.9                                  | P L 45 3 100.7             | T 71A2   | 6.5    |   |
| 28.3                                | 98.9  | 116.1            | 2.1                                  | P - 63 3 98.9              | T 63C2   | 4.0    |   |
| 28.2                                | 99.3  | 116.5            | 3.6                                  | P - 71 3 99.3              | T 63C2   | 5.4    |   |
| 28.2                                | 101.6   | 116.8            | 0.8                                  | P L 25 3 101.6             | T 71A2   | 4.0    |   |
| 27.6                                | 101.6   | 119.4            | 0.8                                  | P L 25 3 101.6             | T 63C2   | 4.0    |   |
| 27.5                                | 33.1  | 122.1            | 3.4                                  | P - 71 2 33.1              | T 71C6   | 7.5    |   |
| 27.1                                | 50.5  | 123.7            | 3.7                                  | P - 71 2 50.5              | T 71B4   | 7.5    |   |
| 26.7                                | 107.1   | 123.2            | 1.8                                  | P L 45 3 107.1             | T 71A2   | 6.5    |   |
| 26.6                                | 107.5   | 123.5            | 3.4                                  | P - 71 3 107.5             | T 71A2   | 5.4    |   |
| 26.1                                | 107.5   | 126.1            | 3.3                                  | P - 71 3 107.5             | T 63C2   | 5.4    |   |
| 26.0                                | 52.8  | 126.7            | 2.0                                  | P L 45 3 52.8              | T 71B4   | 6.5    |   |
| 25.7                                | 53.3  | 127.9            | 2.0                                  | P - 63 3 53.3              | T 71B4   | 4.0    |   |
| 25.7                                | 36.6  | 130.6            | 1.9                                  | P - 63 2 36.6              | T 80A6   | 5.6    |   |
| 25.6                                | 53.5  | 128.4            | 3.6                                  | P - 71 3 53.5              | T 71B4   | 5.4    |   |
| 25.5                                | 36.9  | 129.2            | 0.9                                  | P L 25 3 36.9              | T 80A6   | 4.0    |   |
| 25.2                                | 37.3  | 133.2            | 3.1                                  | P - 71 2 37.3              | T 80A6   | 7.5    |   |
| 25.1                                | 53.3  | 130.6            | 1.9                                  | P - 63 3 53.3              | T 63D4   | 4.0    |   |
| 25.1                                | 53.5  | 131.2            | 3.5                                  | P - 71 3 53.5              | T 63D4   | 5.4    |   |
| 25.0                                | 114.4   | 131.4            | 1.8                                  | P - 63 3 114.4             | T 71A2   | 4.0    |   |
| 25.0                                | 54.8  | 131.7            | 0.8                                  | P L 25 3 54.8              | T 71B4   | 4.0    |   |
| 24.9                                | 36.6  | 135.0            | 1.9                                  | P - 63 2 36.6              | T 71C6   | 5.6    |   |
| 24.7                                | 36.9  | 133.4            | 0.8                                  | P L 25 3 36.9              | T 71C6   | 4.0    |   |
| 24.5                                | 114.4   | 134.1            | 1.8                                  | P - 63 3 114.4             | T 63C2   | 4.0    |   |
| 24.5                                | 54.8  | 134.5            | 0.7                                  | P L 25 3 54.8              | T 63D4   | 4.0    |   |
| 24.4                                | 37.3  | 137.5            | 3.0                                  | P - 71 2 37.3              | T 71C6   | 7.5    |   |
| 24.1                                | 116.2   | 136.4            | 4.0                                  | P L 65 3 116.2             | T 63C2   | 8.0    |   |
| 24.0                                | 57.2  | 137.2            | 1.8                                  | P - 63 3 57.2              | T 71B4   | 4.0    |   |
| 23.8                                | 39.5  | 138.1            | 3.4                                  | P - 71 3 39.5              | T 80A6   | 5.4    |   |
| 23.7                                | 39.6  | 141.6            | 3.8                                  | P - 80 2 39.63             | T 80A6   | 7.5    |   |
| 23.4                                | 57.2  | 140.2            | 1.8                                  | P - 63 3 57.2              | T 63D4   | 4.0    |   |
| 23.2                                | 40.5  | 144.6            | 1.7                                  | P - 63 2 40.5              | T 80A6   | 5.6    |   |
| 23.1                                | 123.8   | 142.3            | 3.0                                  | P - 71 3 123.8             | T 71A2   | 5.4    |   |
| 23.0                                | 39.5  | 142.7            | 3.3                                  | P - 71 3 39.5              | T 71C6   | 5.4    |   |
| 23.0                                | 40.9  | 142.9            | 1.9                                  | P L 45 3 40.9              | T 80A6   | 6.5    |   |
| 22.8                                | 60.1  | 144.1            | 1.7                                  | P L 45 3 60.1              | T 71B4   | 6.5    |   |
| 22.6                                | 123.8   | 145.2            | 2.9                                  | P - 71 3 123.8             | T 63C2   | 5.4    |   |
| 22.5                                | 60.8  | 145.8            | 3.2                                  | P - 71 3 60.8              | T 71B4   | 5.4    |   |
| 22.5                                | 40.5  | 149.5            | 1.6                                  | P - 63 2 40.5              | T 71C6   | 5.6    |   |
| 22.3                                | 42.3  | 150.9            | 3.6                                  | P - 80 2 42.25             | T 80A6   | 7.5    |   |
| 22.3                                | 40.9  | 147.8            | 1.8                                  | P L 45 3 40.9              | T 71C6   | 6.5    |   |
| 22.2                                | 61.8  | 148.2            | 1.7                                  | P - 63 3 61.8              | T 71B4   | 4.0    |   |
| 22.1                                | 42.6  | 149.1            | 0.7                                  | P L 25 3 42.6              | T 80A6   | 4.0    |   |
| 22.0                                | 60.8  | 149.0            | 3.1                                  | P - 71 3 60.8              | T 63D4   | 5.4    |   |
| 21.7                                | 61.8  | 151.6            | 1.6                                  | P - 63 3 61.8              | T 63D4   | 4.0    |   |
| 21.7                                | 43.4  | 151.6            | 1.6                                  | P - 63 3 43.4              | T 80A6   | 4.0    |   |
| 21.6                                | 132.7   | 152.5            | 1.5                                  | P L 45 3 132.7             | T 71A2   | 6.5    |   |
| 21.4                                | 42.6  | 153.6            | 0.7                                  | P L 25 3 42.6              | T 71C6   | 4.0    |   |
| 21.3                                | 64.2  | 154.0            | 3.0                                  | P - 71 3 64.2              | T 71B4   | 5.4    |   |
| 21.3                                | 134.3   | 154.3            | 2.7                                  | P - 71 3 134.3             | T 71A2   | 5.4    |   |
| 21.3                                | 64.4  | 154.5            | 3.9                                  | P L 65 3 64.4              | T 71B4   | 8.0    |   |
| 21.1                                | 135.4   | 155.5            | 1.5                                  | P - 63 3 135.4             | T 71A2   | 4.0    |   |
| 21.0                                | 44.7  | 159.7            | 2.9                                  | P - 71 2 44.7              | T 80A6   | 7.5    |   |
| 21.0                                | 43.4  | 156.8            | 1.6                                  | P - 63 3 43.4              | T 71C6   | 4.0    |   |
| 20.9                                | 64.2  | 157.4            | 2.9                                  | P - 71 3 64.2              | T 63D4   | 5.4    |   |
| 20.9                                | 134.3   | 157.6            | 2.7                                  | P - 71 3 134.3             | T 63C2   | 5.4    |   |
| 20.8                                | 64.4  | 157.9            | 3.8                                  | P L 65 3 64.4              | T 63D4   | 8.0    |   |
| 20.7                                | 135.4   | 158.9            | 1.5                                  | P - 63 3 135.4             | T 63C2   | 4.0    |   |
| 20.6                                | 138.8   | 159.5            | 3.4                                  | P L 65 3 138.8             | T 71A2   | 8.0    |   |
| 20.6                                | 45.7  | 159.8            | 1.7                                  | P L 45 3 45.7              | T 80A6   | 6.5    |   |
| 20.4                                | 44.7  | 164.9            | 2.8                                  | P - 71 2 44.7              | T 71C6   | 7.5    |   |
| 20.2                                | 138.8   | 163.0            | 3.3                                  | P L 65 3 138.8             | T 63C2   | 8.0    |   |
| 20.0                                | 47.0  | 164.4            | 1.6                                  | P - 63 3 47                | T 80A6   | 4.0    |   |
| 19.9                                | 45.7  | 165.1            | 1.6                                  | P L 45 3 45.7              | T 71C6   | 6.5    |   |
| 19.8                                | 46.0  | 166.1            | 3.9                                  | P L 65 3 46                | T 71C6   | 8.0    |   |
| 19.7                                | 69.6  | 167.0            | 1.5                                  | P - 63 3 69.6              | T 71B4   | 4.0    |   |
| 19.5                                | 48.1  | 171.9            | 3.2                                  | P - 80 2 48.14             | T 80A6   | 7.5    |   |
| 19.4                                | 70.6  | 169.4            | 1.5                                  | P L 45 3 70.6              | T 71B4   | 6.5    |   |
| 19.4                                | 47.0  | 169.7            | 1.5                                  | P - 63 3 47                | T 71C6   | 4.0    |   |
| 19.3                                | 69.6  | 170.7            | 1.5                                  | P - 63 3 69.6              | T 63D4   | 4.0    |   |
| 19.2                                | 149.1   | 171.4            | 1.4                                  | P - 63 3 149.1             | T 71A2   | 4.0    |   |
| 18.8                                | 149.1   | 175.1            | 1.4                                  | P - 63 3 149.1             | T 63C2   | 4.0    |   |
| 18.7                                | 152.8   | 175.6            | 3.1                                  | P L 65 3 152.8             | T 71A2   | 8.0    |   |
| 18.7                                | 152.9   | 175.6            | 1.3                                  | P L 45 3 152.9             | T 71A2   | 6.5    |   |
| 18.6                                | 50.5  | 180.3            | 2.6                                  | P - 71 2 50.5              | T 80A6   | 7.5    |   |
| 18.5                                | 154.8   | 177.8            | 2.4                                  | P - 71 3 154.8             | T 71A2   | 5.4    |   |
| 18.5                                | 50.9  | 181.7            | 2.1                                  | P - 80 2 50.87             | T 80A6   | 7.5    |   |
| 18.4                                | 74.4  | 178.5            | 3.4                                  | P L 65 3 74.4              | T 71B4   | 8.0    |   |
| 18.3                                | 152.8   | 179.4            | 3.0                                  | P L 65 3 152.8             | T 63C2   | 8.0    |   |
| 18.2                                | 75.4  | 180.9            | 2.5                                  | P - 71 3 75.4              | T 71B4   | 5.4    |   |
| 18.2                                | 75.4  | 181.0            | 1.4                                  | P - 63 3 75.4              | T 71B4   | 4.0    |   |
| 18.1                                | 154.8   | 181.8            | 2.3                                  | P - 71 3 154.8             | T 63C2   | 5.4    |   |
| 18.0                                | 50.5  | 186.2            | 2.5                                  | P - 71 2 50.5              | T 71C6   | 7.5    |   |
| 18.0                                | 74.4  | 182.4            | 3.3                                  | P L 65 3 74.4              | T 63D4   | 8.0    |   |
| 17.8                                | 52.8  | 184.7            | 1.5                                  | P L 45 3 52.8              | T 80A6   | 6.5    |   |
| 17.8                                | 75.4  | 185.0            | 2.5                                  | P - 71 3 75.4              | T 63D4   | 5.4    |   |
| 17.8                                | 75.4  | 185.0            | 1.4                                  | P - 63 3 75.4              | T 63D4   | 4.0    |   |
| 17.6                                | 53.3  | 186.5            | 1.4                                  | P - 63 3 53.3              | T 80A6   | 4.0    |   |

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HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|--------|---|
|                                     | 17.6  | 53.5             | 187.0                                | 2.5                        | P - 71 3 53.5  | T 80A6 | 5.4                                       |
|                                     | 17.5  | 163.2            | 187.5                                | 2.2                        | P - 71 3 163.2 | T 71A2 | 5.4                                       |
|                                     | 17.4  | 164.7            | 189.3                                | 1.3                        | P - 63 3 164.7 | T 71A2 | 4.0                                       |
|                                     | 17.3  | 54.3             | 189.8                                | 3.4                        | P L 65 3 54.3  | T 80A6 | 8.0                                       |
|                                     | 17.2  | 52.8             | 190.6                                | 1.4                        | P L 45 3 52.8  | T 71C6 | 6.5                                       |
|                                     | 17.2  | 163.2            | 191.6                                | 2.2                        | P - 71 3 163.2 | T 63C2 | 5.4                                       |
|                                     | 17.1  | 53.3             | 192.6                                | 1.3                        | P - 63 3 53.3  | T 71C6 | 4.0                                       |
|                                     | 17.0  | 53.5             | 193.2                                | 2.4                        | P - 71 3 53.5  | T 71C6 | 5.4                                       |
|                                     | 17.0  | 164.7            | 193.5                                | 1.2                        | P - 63 3 164.7 | T 63C2 | 4.0                                       |
|                                     | 16.9  | 55.5             | 198.0                                | 1.9                        | P - 80 2 55.49 | T 80A6 | 7.5                                       |
|                                     | 16.8  | 81.4             | 195.1                                | 1.3                        | P - 63 3 81.4  | T 71B4 | 4.0                                       |
|                                     | 16.8  | 54.3             | 196.0                                | 3.3                        | P L 65 3 54.3  | T 71C6 | 8.0                                       |
|                                     | 16.5  | 81.4             | 199.8                                | 1.3                        | P - 63 3 81.4  | T 63D4 | 4.0                                       |
|                                     | 16.4  | 57.2             | 199.9                                | 1.3                        | P - 63 3 57.2  | T 80A6 | 4.0                                       |
|                                     | 16.3  | 175.4            | 201.4                                | 2.7                        | P L 65 3 175.4 | T 71A2 | 8.0                                       |
|                                     | 16.0  | 85.4             | 204.8                                | 2.9                        | P L 65 3 85.4  | T 71B4 | 8.0                                       |
|                                     | 16.0  | 85.7             | 205.6                                | 1.2                        | P L 45 3 85.7  | T 71B4 | 6.5                                       |
|                                     | 16.0  | 175.4            | 206.0                                | 2.6                        | P L 65 3 175.4 | T 63C2 | 8.0                                       |
|                                     | 15.9  | 57.2             | 206.5                                | 1.2                        | P - 63 3 57.2  | T 71C6 | 4.0                                       |
|                                     | 15.8  | 86.8             | 208.3                                | 2.2                        | P - 71 3 86.8  | T 71B4 | 5.4                                       |
|                                     | 15.8  | 181.3            | 208.5                                | 1.2                        | P - 63 3 181.3 | T 71A2 | 4.0                                       |
|                                     | 15.7  | 85.4             | 209.4                                | 2.9                        | P L 65 3 85.4  | T 63D4 | 8.0                                       |
|                                     | 15.6  | 60.1             | 210.3                                | 1.3                        | P L 45 3 60.1  | T 80A6 | 6.5                                       |
|                                     | 15.5  | 88.4             | 212.2                                | 1.2                        | P - 63 3 88.4  | T 71B4 | 4.0                                       |
|                                     | 15.5  | 60.8             | 212.5                                | 2.2                        | P - 71 3 60.8  | T 80A6 | 5.4                                       |
|                                     | 15.4  | 86.8             | 212.8                                | 2.2                        | P - 71 3 86.8  | T 63D4 | 5.4                                       |
|                                     | 15.4  | 181.3            | 212.9                                | 1.1                        | P - 63 3 181.3 | T 63C2 | 4.0                                       |
|                                     | 15.2  | 61.8             | 220.7                                | 1.7                        | P - 80 2 61.79 | T 80A6 | 7.5                                       |
|                                     | 15.2  | 61.8             | 215.9                                | 1.2                        | P - 63 3 61.8  | T 80A6 | 4.0                                       |
|                                     | 15.2  | 88.4             | 216.6                                | 1.2                        | P - 63 3 88.4  | T 63D4 | 4.0                                       |
|                                     | 15.1  | 60.1             | 217.2                                | 1.2                        | P L 45 3 60.1  | T 71C6 | 6.5                                       |
|                                     | 15.1  | 188.9            | 216.8                                | 1.0                        | P L 45 3 188.9 | T 71A2 | 6.5                                       |
|                                     | 15.0  | 60.8             | 219.6                                | 2.1                        | P - 71 3 60.8  | T 71C6 | 5.4                                       |
|                                     | 15.0  | 91.5             | 219.6                                | 2.1                        | P - 71 3 91.5  | T 71B4 | 5.4                                       |
|                                     | 14.9  | 191.6            | 220.2                                | 2.0                        | P - 71 3 191.6 | T 71A2 | 5.4                                       |
|                                     | 14.7  | 61.8             | 223.0                                | 1.1                        | P - 63 3 61.8  | T 71C6 | 4.0                                       |
|                                     | 14.6  | 64.2             | 224.4                                | 2.1                        | P - 71 3 64.2  | T 80A6 | 5.4                                       |
|                                     | 14.6  | 91.5             | 224.5                                | 2.0                        | P - 71 3 91.5  | T 63D4 | 5.4                                       |
|                                     | 14.6  | 191.6            | 225.0                                | 2.0                        | P - 71 3 191.6 | T 63C2 | 5.4                                       |
|                                     | 14.6  | 64.4             | 225.0                                | 2.9                        | P L 65 3 64.4  | T 80A6 | 8.0                                       |
|                                     | 14.5  | 197.9            | 227.3                                | 2.4                        | P L 65 3 197.9 | T 71A2 | 8.0                                       |
|                                     | 14.2  | 201.0            | 230.9                                | 3.9                        | P - 90 3 201   | T 71A2 | 7.5                                       |
|                                     | 14.2  | 64.2             | 231.9                                | 2.0                        | P - 71 3 64.2  | T 71C6 | 5.4                                       |
|                                     | 14.2  | 197.9            | 232.3                                | 2.3                        | P L 65 3 197.9 | T 63C2 | 8.0                                       |
|                                     | 14.1  | 64.4             | 232.6                                | 2.8                        | P L 65 3 64.4  | T 71C6 | 8.0                                       |
|                                     | 13.9  | 98.9             | 237.2                                | 1.1                        | P - 63 3 98.9  | T 71B4 | 4.0                                       |
|                                     | 13.8  | 99.0             | 237.4                                | 2.5                        | P L 65 3 99    | T 71B4 | 8.0                                       |
|                                     | 13.8  | 99.3             | 238.0                                | 1.9                        | P - 71 3 99.3  | T 71B4 | 5.4                                       |
|                                     | 13.6  | 100.6            | 241.2                                | 3.8                        | P - 90 3 100.6 | T 71B4 | 7.5                                       |
|                                     | 13.6  | 100.7            | 241.5                                | 1.0                        | P L 45 3 100.7 | T 71B4 | 6.5                                       |
|                                     | 13.6  | 98.9             | 242.8                                | 1.0                        | P - 63 3 98.9  | T 63D4 | 4.0                                       |
|                                     | 13.5  | 99.0             | 242.6                                | 2.5                        | P L 65 3 99    | T 63D4 | 8.0                                       |
|                                     | 13.5  | 69.6             | 243.4                                | 1.0                        | P - 63 3 69.6  | T 80A6 | 4.0                                       |
|                                     | 13.5  | 99.3             | 243.5                                | 1.9                        | P - 71 3 99.3  | T 63D4 | 5.4                                       |
|                                     | 13.3  | 70.6             | 246.9                                | 3.8                        | P - 90 3 70.6  | T 80A6 | 7.5                                       |
|                                     | 13.3  | 70.6             | 246.7                                | 1.1                        | P L 45 3 70.6  | T 80A6 | 6.5                                       |
|                                     | 13.2  | 216.9            | 249.4                                | 1.0                        | P - 63 3 216.9 | T 71A2 | 4.0                                       |
|                                     | 13.1  | 69.6             | 251.4                                | 1.0                        | P - 63 3 69.6  | T 71C6 | 4.0                                       |
|                                     | 13.0  | 220.8            | 253.8                                | 1.8                        | P - 71 3 220.8 | T 71A2 | 5.4                                       |
|                                     | 12.9  | 216.9            | 254.4                                | 0.9                        | P - 63 3 216.9 | T 63C2 | 4.0                                       |
|                                     | 12.9  | 70.6             | 254.8                                | 3.7                        | P - 90 3 70.6  | T 71C6 | 7.5                                       |
|                                     | 12.9  | 70.6             | 254.8                                | 1.1                        | P L 45 3 70.6  | T 71C6 | 6.5                                       |
|                                     | 12.8  | 107.1            | 256.9                                | 1.0                        | P L 45 3 107.1 | T 71B4 | 6.5                                       |
|                                     | 12.8  | 224.4            | 257.8                                | 3.5                        | P - 90 3 224.4 | T 71A2 | 7.5                                       |
|                                     | 12.7  | 107.5            | 257.9                                | 1.8                        | P - 71 3 107.5 | T 71B4 | 5.4                                       |
|                                     | 12.7  | 220.8            | 259.3                                | 1.7                        | P - 71 3 220.8 | T 63C2 | 5.4                                       |
|                                     | 12.6  | 74.4             | 260.3                                | 2.5                        | P L 65 3 74.4  | T 80A6 | 8.0                                       |
|                                     | 12.6  | 108.9            | 261.2                                | 3.5                        | P - 90 3 108.9 | T 71B4 | 7.5                                       |
|                                     | 12.5  | 75.4             | 263.5                                | 1.8                        | P - 71 3 75.4  | T 80A6 | 5.4                                       |
|                                     | 12.5  | 107.5            | 263.5                                | 1.7                        | P - 71 3 107.5 | T 63D4 | 5.4                                       |
|                                     | 12.5  | 75.4             | 263.5                                | 1.0                        | P - 63 3 75.4  | T 80A6 | 4.0                                       |
|                                     | 12.3  | 232.0            | 266.8                                | 0.8                        | P L 45 3 232   | T 71A2 | 6.5                                       |
|                                     | 12.3  | 76.3             | 266.7                                | 3.5                        | P - 90 3 76.3  | T 80A6 | 7.5                                       |
|                                     | 12.2  | 74.4             | 268.7                                | 2.4                        | P L 65 3 74.4  | T 71C6 | 8.0                                       |
|                                     | 12.1  | 75.4             | 272.1                                | 1.7                        | P - 71 3 75.4  | T 71C6 | 5.4                                       |
|                                     | 12.1  | 75.4             | 271.9                                | 0.9                        | P - 63 3 75.4  | T 71C6 | 4.0                                       |
|                                     | 12.0  | 114.4            | 274.5                                | 0.9                        | P - 63 3 114.4 | T 71B4 | 4.0                                       |
|                                     | 11.9  | 76.3             | 275.5                                | 3.4                        | P - 90 3 76.3  | T 71C6 | 7.5                                       |
|                                     | 11.8  | 116.2            | 278.9                                | 2.2                        | P L 65 3 116.2 | T 71B4 | 8.0                                       |
|                                     | 11.7  | 114.4            | 280.3                                | 0.9                        | P - 63 3 114.4 | T 63D4 | 4.0                                       |
|                                     | 11.6  | 81.4             | 284.2                                | 0.9                        | P - 63 3 81.4  | T 80A6 | 4.0                                       |
|                                     | 11.5  | 116.2            | 285.0                                | 2.1                        | P L 65 3 116.2 | T 63D4 | 8.0                                       |
|                                     | 11.4  | 82.8             | 289.4                                | 3.3                        | P - 90 3 82.8  | T 80A6 | 7.5                                       |
|                                     | 11.3  | 253.2            | 290.8                                | 3.1                        | P - 90 3 253.2 | T 71A2 | 7.5                                       |
|                                     | 11.2  | 81.4             | 293.9                                | 0.9                        | P - 63 3 81.4  | T 71C6 | 4.0                                       |
|                                     | 11.1  | 123.8            | 297.0                                | 1.5                        | P - 71 3 123.8 | T 71B4 | 5.4                                       |
|                                     | 11.0  | 85.4             | 298.4                                | 2.2                        | P L 65 3 85.4  | T 80A6 | 8.0                                       |
|                                     | 11.0  | 82.8             | 299.1                                | 3.2                        | P - 90 3 82.8  | T 71C6 | 7.5                                       |
|                                     | 11.0  | 85.7             | 300.0                                | 0.9                        | P L 45 3 85.7  | T 80A6 | 6.5                                       |
|                                     | 11.0  | 125.0            | 299.8                                | 3.0                        | P - 90 3 125   | T 71B4 | 7.5                                       |
|                                     | 10.8  | 86.8             | 303.5                                | 1.5                        | P - 71 3 86.8  | T 80A6 | 5.4                                       |
|                                     | 10.8  | 123.8            | 303.9                                | 1.5                        | P - 71 3 123.8 | T 63D4 | 5.4                                       |
|                                     | 10.7  | 85.4             | 308.3                                | 2.1                        | P L 65 3 85.4  | T 71C6 | 8.0                                       |
|                                     | 10.6  | 88.4             | 309.4                                | 0.8                        | P - 63 3 88.4  | T 80A6 | 4.0                                       |
|                                     | 10.6  | 85.7             | 309.3                                | 0.9                        | P L 45 3 85.7  | T 71C6 | 6.5                                       |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|--------|---|
| 10.6                                | 270.0   | 310.2            | 3.5                                   | P L 85 3 270               | T 71A2   | 11.0   |   |
| 10.5                                | 86.8  | 313.3            | 1.5                                   | P - 71 3 86.8              | T 71C6   | 5.4    |   |
| 10.3                                | 132.7   | 319.0            | 0.8                                   | P L 45 3 132.7             | T 71B4   | 6.5    |   |
| 10.3                                | 88.4  | 319.0            | 0.8                                   | P - 63 3 88.4              | T 71C6   | 4.0    |   |
| 10.3                                | 91.5  | 320.3            | 1.5                                   | P - 71 3 91.5              | T 80A6   | 5.4    |   |
| 10.2                                | 134.3   | 322.3            | 1.4                                   | P - 71 3 134.3             | T 71B4   | 5.4    |   |
| 10.1                                | 135.4   | 324.6            | 0.8                                   | P - 63 3 135.4             | T 71B4   | 4.0    |   |
| 10.1                                | 93.3  | 325.9            | 2.9                                   | P - 90 3 93.3              | T 80A6   | 7.5    |   |
| 10.0                                | 136.8   | 328.4            | 3.7                                   | P L 85 3 136.8             | T 71B4   | 11.0   |   |
| 10.0                                | 134.3   | 329.2            | 1.4                                   | P - 71 3 134.3             | T 63D4   | 5.4    |   |
| 10.0                                | 91.5  | 330.0            | 1.4                                   | P - 71 3 91.5              | T 71C6   | 5.4    |   |
| 9.9                                 | 135.4   | 331.5            | 0.8                                   | P - 63 3 135.4             | T 63D4   | 4.0    |   |
| 9.9                                 | 138.8   | 332.8            | 1.8                                   | P L 65 3 138.8             | T 71B4   | 8.0    |   |
| 9.8                                 | 93.3  | 337.2            | 2.8                                   | P - 90 3 93.3              | T 71C6   | 7.5    |   |
| 9.7                                 | 141.0   | 338.1            | 2.7                                   | P - 90 3 141               | T 71B4   | 7.5    |   |
| 9.7                                 | 138.8   | 340.5            | 1.8                                   | P L 65 3 138.8             | T 63D4   | 8.0    |   |
| 9.6                                 | 98.0  | 342.6            | 3.8                                   | P L 85 3 98                | T 80A6   | 11.0   |   |
| 9.5                                 | 98.9  | 346.4            | 0.7                                   | P - 63 3 98.9              | T 80A6   | 4.0    |   |
| 9.5                                 | 99.0  | 346.0            | 1.9                                   | P L 65 3 99                | T 80A6   | 8.0    |   |
| 9.5                                 | 99.3  | 347.1            | 1.4                                   | P - 71 3 99.3              | T 80A6   | 5.4    |   |
| 9.3                                 | 100.6   | 351.8            | 2.7                                   | P - 90 3 100.6             | T 80A6   | 7.5    |   |
| 9.3                                 | 100.7   | 351.8            | 0.8                                   | P L 45 3 100.7             | T 80A6   | 6.5    |   |
| 9.3                                 | 98.0  | 353.7            | 3.7                                   | P L 85 3 98                | T 71C6   | 11.0   |   |
| 9.2                                 | 98.9  | 357.1            | 0.7                                   | P - 63 3 98.9              | T 71C6   | 4.0    |   |
| 9.2                                 | 99.0  | 357.4            | 1.8                                   | P L 65 3 99                | T 71C6   | 8.0    |   |
| 9.2                                 | 149.1   | 357.1            | 0.7                                   | P - 63 3 149.1             | T 71B4   | 4.0    |   |
| 9.2                                 | 99.3  | 358.6            | 1.3                                   | P - 71 3 99.3              | T 71C6   | 5.4    |   |
| 9.1                                 | 100.6   | 363.1            | 2.6                                   | P - 90 3 100.6             | T 71C6   | 7.5    |   |
| 9.0                                 | 100.7   | 363.3            | 0.7                                   | P L 45 3 100.7             | T 71C6   | 6.5    |   |
| 9.0                                 | 152.8   | 366.3            | 1.6                                   | P L 65 3 152.8             | T 71B4   | 8.0    |   |
| 8.9                                 | 154.8   | 371.6            | 1.2                                   | P - 71 3 154.8             | T 71B4   | 5.4    |   |
| 8.8                                 | 155.2   | 372.0            | 2.4                                   | P - 90 3 155.2             | T 71B4   | 7.5    |   |
| 8.8                                 | 107.1   | 374.2            | 0.7                                   | P L 45 3 107.1             | T 80A6   | 6.5    |   |
| 8.8                                 | 152.8   | 375.0            | 1.6                                   | P L 65 3 152.8             | T 63D4   | 8.0    |   |
| 8.7                                 | 107.5   | 375.6            | 1.3                                   | P - 71 3 107.5             | T 80A6   | 5.4    |   |
| 8.7                                 | 154.8   | 379.1            | 1.2                                   | P - 71 3 154.8             | T 63D4   | 5.4    |   |
| 8.6                                 | 108.9   | 380.9            | 2.5                                   | P - 90 3 108.9             | T 80A6   | 7.5    |   |
| 8.6                                 | 160.0   | 383.8            | 3.1                                   | P L 85 3 160               | T 71B4   | 11.0   |   |
| 8.5                                 | 107.5   | 388.2            | 1.2                                   | P - 71 3 107.5             | T 71C6   | 5.4    |   |
| 8.4                                 | 163.2   | 391.3            | 1.2                                   | P - 71 3 163.2             | T 71B4   | 5.4    |   |
| 8.4                                 | 108.9   | 392.9            | 2.4                                   | P - 90 3 108.9             | T 71C6   | 7.5    |   |
| 8.3                                 | 113.5   | 396.9            | 3.3                                   | P L 85 3 113.5             | T 80A6   | 11.0   |   |
| 8.2                                 | 163.2   | 400.5            | 1.1                                   | P - 71 3 163.2             | T 63D4   | 5.4    |   |
| 8.1                                 | 116.2   | 406.3            | 1.6                                   | P L 65 3 116.2             | T 80A6   | 8.0    |   |
| 8.0                                 | 113.5   | 409.7            | 3.2                                   | P L 85 3 113.5             | T 71C6   | 11.0   |   |
| 7.8                                 | 116.2   | 419.7            | 1.5                                   | P L 65 3 116.2             | T 71C6   | 8.0    |   |
| 7.8                                 | 175.4   | 420.5            | 1.4                                   | P L 65 3 175.4             | T 71B4   | 8.0    |   |
| 7.7                                 | 178.1   | 427.3            | 2.1                                   | P - 90 3 178.1             | T 71B4   | 7.5    |   |
| 7.6                                 | 175.4   | 430.2            | 1.4                                   | P L 65 3 175.4             | T 63D4   | 8.0    |   |
| 7.6                                 | 123.8   | 433.2            | 1.1                                   | P - 71 3 123.8             | T 80A6   | 5.4    |   |
| 7.5                                 | 125.0   | 437.1            | 2.2                                   | P - 90 3 125               | T 80A6   | 7.5    |   |
| 7.4                                 | 184.6   | 442.7            | 2.7                                   | P L 85 3 184.6             | T 71B4   | 11.0   |   |
| 7.4                                 | 123.8   | 447.4            | 1.1                                   | P - 71 3 123.8             | T 71C6   | 5.4    |   |
| 7.3                                 | 125.0   | 451.2            | 2.1                                   | P - 90 3 125               | T 71C6   | 7.5    |   |
| 7.2                                 | 191.6   | 460.2            | 1.1                                   | P - 71 3 191.6             | T 71B4   | 5.4    |   |
| 7.0                                 | 134.3   | 469.7            | 1.0                                   | P - 71 3 134.3             | T 80A6   | 5.4    |   |
| 7.0                                 | 191.6   | 469.7            | 1.0                                   | P - 71 3 191.6             | T 63D4   | 5.4    |   |
| 6.9                                 | 197.9   | 475.4            | 1.3                                   | P L 65 3 197.9             | T 71B4   | 8.0    |   |
| 6.9                                 | 136.8   | 478.1            | 2.7                                   | P L 85 3 136.8             | T 80A6   | 11.0   |   |
| 6.8                                 | 201.0   | 481.7            | 1.9                                   | P - 90 3 201               | T 71B4   | 7.5    |   |
| 6.8                                 | 134.3   | 484.8            | 1.0                                   | P - 71 3 134.3             | T 71C6   | 5.4    |   |
| 6.8                                 | 138.8   | 485.9            | 1.3                                   | P L 65 3 138.8             | T 80A6   | 8.0    |   |
| 6.8                                 | 197.9   | 485.8            | 1.2                                   | P L 65 3 197.9             | T 63D4   | 8.0    |   |
| 6.7                                 | 204.1   | 489.5            | 2.5                                   | P L 85 3 204.1             | T 71B4   | 11.0   |   |
| 6.7                                 | 141.0   | 492.5            | 1.9                                   | P - 90 3 141               | T 80A6   | 7.5    |   |
| 6.7                                 | 136.8   | 494.3            | 2.6                                   | P L 85 3 136.8             | T 71C6   | 11.0   |   |
| 6.6                                 | 138.8   | 501.0            | 1.3                                   | P L 65 3 138.8             | T 71C6   | 8.0    |   |
| 6.5                                 | 141.0   | 509.7            | 1.9                                   | P - 90 3 141               | T 71C6   | 7.5    |   |
| 6.4                                 | 214.0   | 513.3            | 2.3                                   | P L 85 3 214               | T 71B4   | 11.0   |   |
| 6.4                                 | 148.0   | 517.4            | 3.6                                   | P - 112 3 148              | T 80A6   | 11.8   |   |
| 6.2                                 | 220.8   | 530.1            | 0.9                                   | P - 71 3 220.8             | T 71B4   | 5.4    |   |
| 6.2                                 | 152.8   | 534.4            | 1.2                                   | P L 65 3 152.8             | T 80A6   | 8.0    |   |
| 6.1                                 | 224.4   | 537.9            | 1.7                                   | P - 90 3 224.4             | T 71B4   | 7.5    |   |
| 6.1                                 | 154.8   | 540.9            | 0.9                                   | P - 71 3 154.8             | T 80A6   | 5.4    |   |
| 6.1                                 | 220.8   | 540.9            | 0.9                                   | P - 71 3 220.8             | T 63D4   | 5.4    |   |
| 6.1                                 | 155.2   | 542.1            | 1.7                                   | P - 90 3 155.2             | T 80A6   | 7.5    |   |
| 6.0                                 | 152.8   | 551.6            | 1.2                                   | P L 65 3 152.8             | T 71C6   | 8.0    |   |
| 5.9                                 | 160.0   | 558.7            | 2.3                                   | P L 85 3 160               | T 80A6   | 11.0   |   |
| 5.9                                 | 154.8   | 558.9            | 0.9                                   | P - 71 3 154.8             | T 71C6   | 5.4    |   |
| 5.9                                 | 155.2   | 560.3            | 1.7                                   | P - 90 3 155.2             | T 71C6   | 7.5    |   |
| 5.9                                 | 234.0   | 562.0            | 2.1                                   | P L 85 3 234               | T 71B4   | 11.0   |   |
| 5.8                                 | 163.2   | 570.2            | 0.8                                   | P - 71 3 163.2             | T 80A6   | 5.4    |   |
| 5.7                                 | 160.0   | 577.4            | 2.3                                   | P L 85 3 160               | T 71C6   | 11.0   |   |
| 5.6                                 | 167.0   | 583.7            | 3.2                                   | P - 112 3 167              | T 80A6   | 11.8   |   |
| 5.6                                 | 163.2   | 589.5            | 0.8                                   | P - 71 3 163.2             | T 71C6   | 5.4    |   |
| 5.4                                 | 253.2   | 607.8            | 1.5                                   | P - 90 3 253.2             | T 71B4   | 7.5    |   |
| 5.4                                 | 175.4   | 613.5            | 1.1                                   | P L 65 3 175.4             | T 80A6   | 8.0    |   |
| 5.3                                 | 178.1   | 622.2            | 1.5                                   | P - 90 3 178.1             | T 80A6   | 7.5    |   |
| 5.2                                 | 175.4   | 632.9            | 1.0                                   | P L 65 3 175.4             | T 71C6   | 8.0    |   |
| 5.1                                 | 178.1   | 642.7            | 1.5                                   | P - 90 3 178.1             | T 71C6   | 7.5    |   |
| 5.1                                 | 184.6   | 645.6            | 2.0                                   | P L 85 3 184.6             | T 80A6   | 11.0   |   |
| 5.1                                 | 270.0   | 648.2            | 1.9                                   | P L 85 3 270               | T 71B4   | 11.0   |   |
| 5.0                                 | 187.1   | 654.4            | 3.7                                   | P L 95 3 187.1             | T 80A6   | 16.0   |   |
| 4.9                                 | 184.6   | 666.2            | 2.0                                   | P L 85 3 184.6             | T 71C6   | 11.0   |   |
| 4.9                                 | 191.5   | 669.5            | 2.8                                   | P - 112 3 191.5            | T 80A6   | 11.8   |   |

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HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 0,37                                | 4.9   | 191.6            | 670.4                                 | 0.8                        | P - 71 3 191.6  | T 80A6  | 5.4                                       |
|                                     | 4.8   | 197.9            | 691.1                                 | 0.9                        | P L 65 3 197.9  | T 80A6  | 8.0                                       |
|                                     | 4.8   | 191.6            | 692.1                                 | 0.8                        | P - 71 3 191.6  | T 71C6  | 5.4                                       |
|                                     | 4.7   | 199.5            | 697.6                                 | 3.4                        | P L 95 3 199.5  | T 80A6  | 16.0                                      |
|                                     | 4.7   | 201.0            | 702.1                                 | 1.3                        | P - 90 3 201  | T 80A6  | 7.5                                       |
|                                     | 4.6   | 204.1            | 712.6                                 | 1.8                        | P L 85 3 204.1  | T 80A6  | 11.0                                      |
|                                     | 4.6   | 197.9            | 713.6                                 | 0.9                        | P L 65 3 197.9  | T 71C6  | 8.0                                       |
|                                     | 4.5   | 201.0            | 725.4                                 | 1.3                        | P - 90 3 201  | T 71C6  | 7.5                                       |
|                                     | 4.5   | 204.1            | 736.6                                 | 1.8                        | P L 85 3 204.1  | T 71C6  | 11.0                                      |
|                                     | 4.4   | 214.0            | 748.1                                 | 1.7                        | P L 85 3 214  | T 80A6  | 11.0                                      |
|                                     | 4.3   | 220.9            | 771.5                                 | 2.4                        | P - 112 3 220.9   | T 80A6  | 11.8                                      |
|                                     | 4.3   | 221.3            | 773.5                                 | 3.1                        | P L 95 3 221.3  | T 80A6  | 16.0                                      |
|                                     | 4.3   | 214.0            | 773.3                                 | 1.7                        | P L 85 3 214  | T 71C6  | 11.0                                      |
|                                     | 4.2   | 224.4            | 784.0                                 | 1.2                        | P - 90 3 224.4  | T 80A6  | 7.5                                       |
|                                     | 4.1   | 224.4            | 809.4                                 | 1.2                        | P - 90 3 224.4  | T 71C6  | 7.5                                       |
|                                     | 4.0   | 234.0            | 818.0                                 | 1.6                        | P L 85 3 234  | T 80A6  | 11.0                                      |
|                                     | 4.0   | 724.6            | 805.0                                 | 3.5                        | P E 125 724.6   | T 71A2  | 10.5                                      |
|                                     | 3.9   | 350.3            | 813.5                                 | 3.3                        | P E 125 350.27  | T 71B4  | 10.5                                      |
|                                     | 3.9   | 241.0            | 842.9                                 | 2.3                        | P - 112 3 241   | T 80A6  | 11.8                                      |
|                                     | 3.9   | 234.0            | 845.3                                 | 1.5                        | P L 85 3 234  | T 71C6  | 11.0                                      |
|                                     | 3.9   | 243.2            | 848.9                                 | 2.8                        | P L 95 3 243.2  | T 80A6  | 16.0                                      |
|                                     | 3.9   | 724.6            | 824.2                                 | 3.4                        | P E 125 724.6   | T 63C2  | 10.5                                      |
|                                     | 3.8   | 350.3            | 830.4                                 | 3.3                        | P E 125 350.27  | T 63D4  | 10.5                                      |
|                                     | 3.7   | 253.2            | 885.2                                 | 1.1                        | P - 90 3 253.2  | T 80A6  | 7.5                                       |
|                                     | 3.7   | 780.3            | 866.8                                 | 3.7                        | P E 125 780.26  | T 71A2  | 10.5                                      |
|                                     | 3.6   | 251.2            | 878.6                                 | 4.0                        | P E 125 251.17  | T 71C6  | 10.5                                      |
|                                     | 3.6   | 780.3            | 885.6                                 | 3.6                        | P E 125 780.26  | T 63C2  | 10.5                                      |
|                                     | 3.6   | 253.2            | 915.3                                 | 1.0                        | P - 90 3 253.2  | T 71C6  | 7.5                                       |
|                                     | 3.6   | 383.9            | 890.6                                 | 3.9                        | P E 125 383.88  | T 71B4  | 10.5                                      |
|                                     | 3.5   | 266.2            | 930.8                                 | 2.6                        | P L 95 3 266.2  | T 80A6  | 16.0                                      |
|                                     | 3.5   | 817.4            | 908.8                                 | 3.9                        | P E 132 817.42  | T 71A2  | 12.0                                      |
|                                     | 3.5   | 383.9            | 911.3                                 | 3.8                        | P E 125 383.88  | T 63D4  | 10.5                                      |
|                                     | 3.5   | 270.0            | 945.0                                 | 1.4                        | P L 85 3 270  | T 80A6  | 11.0                                      |
|                                     | 3.4   | 273.5            | 924.3                                 | 3.5                        | P E 125 273.48  | T 80A6  | 10.5                                      |
|                                     | 3.4   | 817.4            | 927.0                                 | 3.8                        | P E 132 817.42  | T 63C2  | 12.0                                      |
|                                     | 3.4   | 278.1            | 972.3                                 | 2.0                        | P - 112 3 278.1   | T 80A6  | 11.8                                      |
|                                     | 3.4   | 270.0            | 975.7                                 | 1.3                        | P L 85 3 270  | T 71C6  | 11.0                                      |
|                                     | 3.3   | 273.5            | 954.8                                 | 3.4                        | P E 125 273.48  | T 71C6  | 10.5                                      |
|                                     | 3.3   | 416.3            | 966.4                                 | 3.6                        | P E 125 416.28  | T 71B4  | 10.5                                      |
|                                     | 3.2   | 416.3            | 987.8                                 | 3.5                        | P E 125 416.28  | T 63D4  | 10.5                                      |
|                                     | 3.2   | 286.5            | 1000.0                                | 4.0                        | P E 132 286.51  | T 71C6  | 12.0                                      |
|                                     | 3.2   | 905.7            | 1006.2                                | 3.5                        | P E 132 905.66  | T 71A2  | 12.0                                      |
|                                     | 3.2   | 904.3            | 1006.3                                | 3.0                        | P E 125 904.27  | T 71A2  | 10.5                                      |
|                                     | 3.1   | 439.7            | 1019.3                                | 3.9                        | P E 132 439.72  | T 71B4  | 12.0                                      |
|                                     | 3.1   | 904.3            | 1025.9                                | 2.9                        | P E 125 904.27  | T 63C2  | 10.5                                      |
|                                     | 3.1   | 905.7            | 1029.4                                | 3.4                        | P E 132 905.66  | T 63C2  | 12.0                                      |
|                                     | 3.1   | 439.7            | 1043.0                                | 3.8                        | P E 132 439.72  | T 63D4  | 12.0                                      |
|                                     | 3.1   | 307.7            | 1042.7                                | 3.4                        | P E 125 307.71  | T 80A6  | 10.5                                      |
|                                     | 3.0   | 316.6            | 1070.9                                | 3.7                        | P E 132 316.62  | T 80A6  | 12.0                                      |
|                                     | 3.0   | 461.9            | 1071.1                                | 3.3                        | P E 125 461.93  | T 71B4  | 10.5                                      |
| 3.0                                 | 307.7   | 1074.7           | 3.3                                   | P E 125 307.71             | T 71C6  | 10.5  |   |
| 2.9                                 | 461.9   | 1096.5           | 3.2                                   | P E 125 461.93             | T 63D4  | 10.5  |   |
| 2.9                                 | 316.6   | 1107.8           | 3.6                                   | P E 132 316.62             | T 71C6  | 12.0  |   |
| 2.8                                 | 483.9   | 1123.8           | 3.6                                   | P E 132 483.92             | T 71B4  | 12.0  |   |
| 2.8                                 | 483.9   | 1148.2           | 3.5                                   | P E 132 483.92             | T 63D4  | 12.0  |   |
| 2.7                                 | 350.3   | 1186.5           | 2.3                                   | P E 125 350.27             | T 80A6  | 10.5  |   |
| 2.7                                 | 352.5   | 1190.7           | 3.4                                   | P E 132 352.46             | T 80A6  | 12.0  |   |
| 2.6                                 | 519.6   | 1204.7           | 2.9                                   | P E 125 519.6              | T 71B4  | 10.5  |   |
| 2.6                                 | 524.8   | 1218.1           | 3.3                                   | P E 132 524.76             | T 71B4  | 12.0  |   |
| 2.6                                 | 350.3   | 1222.8           | 2.2                                   | P E 125 350.27             | T 71C6  | 10.5  |   |
| 2.6                                 | 352.5   | 1232.3           | 3.2                                   | P E 132 352.46             | T 71C6  | 12.0  |   |
| 2.6                                 | 519.6   | 1232.2           | 2.8                                   | P E 125 519.6              | T 63D4  | 10.5  |   |
| 2.6                                 | 524.8   | 1246.8           | 3.2                                   | P E 132 524.76             | T 63D4  | 12.0  |   |
| 2.5                                 | 543.9   | 1261.7           | 3.2                                   | P E 132 543.89             | T 71B4  | 12.0  |   |
| 2.5                                 | 543.9   | 1292.6           | 3.1                                   | P E 132 543.89             | T 63D4  | 12.0  |   |
| 2.5                                 | 383.9   | 1297.6           | 2.7                                   | P E 125 383.88             | T 80A6  | 10.5  |   |
| 2.4                                 | 1175.0  | 1308.3           | 1.9                                   | P E 125 1175.04            | T 71A2  | 10.5  |   |
| 2.4                                 | 387.9   | 1314.4           | 3.0                                   | P E 132 387.9              | T 80A6  | 12.0  |   |
| 2.4                                 | 1175.0  | 1336.7           | 1.9                                   | P E 125 1175.04            | T 63C2  | 10.5  |   |
| 2.4                                 | 383.9   | 1342.0           | 2.6                                   | P E 125 383.88             | T 71C6  | 10.5  |   |
| 2.4                                 | 580.5   | 1348.0           | 2.2                                   | P E 125 580.52             | T 71B4  | 10.5  |   |
| 2.4                                 | 387.9   | 1352.8           | 3.0                                   | P E 132 387.9              | T 71C6  | 12.0  |   |
| 2.3                                 | 580.5   | 1377.4           | 2.1                                   | P E 125 580.52             | T 63D4  | 10.5  |   |
| 2.3                                 | 595.2   | 1383.2           | 2.9                                   | P E 132 595.18             | T 71B4  | 12.0  |   |
| 2.3                                 | 416.3   | 1407.6           | 2.5                                   | P E 125 416.28             | T 80A6  | 10.5  |   |
| 2.3                                 | 595.2   | 1413.6           | 2.8                                   | P E 132 595.18             | T 63D4  | 12.0  |   |
| 2.2                                 | 1294.8  | 1439.5           | 3.8                                   | P E 150 1294.77            | T 71A2  | 16.0  |   |
| 2.2                                 | 416.3   | 1451.8           | 2.4                                   | P E 125 416.28             | T 71C6  | 10.5  |   |
| 2.2                                 | 625.2   | 1451.8           | 2.4                                   | P E 125 625.23             | T 71B4  | 10.5  |   |
| 2.2                                 | 1294.8  | 1472.4           | 3.7                                   | P E 150 1294.77            | T 63C2  | 16.0  |   |
| 2.1                                 | 439.7   | 1485.9           | 2.7                                   | P E 132 439.72             | T 80A6  | 12.0  |   |
| 2.1                                 | 625.2   | 1486.8           | 2.4                                   | P E 125 625.23             | T 63D4  | 10.5  |   |
| 2.1                                 | 648.4   | 1507.6           | 2.3                                   | P E 125 648.43             | T 71B4  | 10.5  |   |
| 2.1                                 | 655.0   | 1521.1           | 2.6                                   | P E 132 655.01             | T 71B4  | 12.0  |   |
| 2.1                                 | 643.2   | 1528.9           | 3.9                                   | P E 150 643.23             | T 63D4  | 16.0  |   |
| 2.1                                 | 439.7   | 1536.9           | 2.6                                   | P E 132 439.72             | T 71C6  | 12.0  |   |
| 2.1                                 | 648.4   | 1536.2           | 2.3                                   | P E 125 648.43             | T 63D4  | 10.5  |   |
| 2.1                                 | 458.3   | 1551.4           | 3.9                                   | P E 150 458.31             | T 80A6  | 16.0  |   |
| 2.1                                 | 655.0   | 1551.4           | 2.6                                   | P E 132 655.01             | T 63D4  | 12.0  |   |
| 2.0                                 | 461.9   | 1565.9           | 2.2                                   | P E 125 461.93             | T 80A6  | 10.5  |   |
| 2.0                                 | 1424.9  | 1581.9           | 3.4                                   | P E 150 1424.94            | T 71A2  | 16.0  |   |
| 2.0                                 | 458.3   | 1598.3           | 3.8                                   | P E 150 458.31             | T 71C6  | 16.0  |   |
| 2.0                                 | 461.9   | 1614.7           | 2.2                                   | P E 125 461.93             | T 71C6  | 10.5  |   |
| 2.0                                 | 697.5   | 1622.8           | 3.7                                   | P E 150 697.51             | T 71B4  | 16.0  |   |
| 2.0                                 | 1424.9  | 1623.1           | 3.3                                   | P E 150 1424.94            | T 63C2  | 16.0  |   |



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|-----------------|--------|---|
| 0,37                                | 1,9   | 483,9            | 1639,0                   | 2,4                        | P E 132 483,92  | T 80A6 | 12,0                                      |
|                                     | 1,9   | 697,5            | 1656,7                   | 3,6                        | P E 150 697,51  | T 63D4 | 16,0                                      |
|                                     | 1,9   | 724,6            | 1681,8                   | 1,8                        | P E 125 724,6   | T 71B4 | 10,5                                      |
|                                     | 1,9   | 483,9            | 1691,4                   | 2,4                        | P E 132 483,92  | T 71C6 | 12,0                                      |
|                                     | 1,9   | 501,5            | 1701,1                   | 3,5                        | P E 150 501,52  | T 80A6 | 16,0                                      |
|                                     | 1,9   | 724,6            | 1718,3                   | 1,7                        | P E 125 724,6   | T 63D4 | 10,5                                      |
|                                     | 1,8   | 743,0            | 1729,0                   | 3,5                        | P E 150 743,02  | T 71B4 | 16,0                                      |
|                                     | 1,8   | 742,8            | 1729,0                   | 2,3                        | P E 132 742,75  | T 71B4 | 12,0                                      |
|                                     | 1,8   | 501,5            | 1756,3                   | 3,4                        | P E 150 501,52  | T 71C6 | 16,0                                      |
|                                     | 1,8   | 1578,8           | 1757,3                   | 3,1                        | P E 150 1578,76 | T 71A2 | 16,0                                      |
|                                     | 1,8   | 519,6            | 1757,1                   | 2,0                        | P E 125 519,6   | T 80A6 | 10,5                                      |
|                                     | 1,8   | 743,0            | 1766,1                   | 3,4                        | P E 150 743,02  | T 63D4 | 16,0                                      |
|                                     | 1,8   | 742,8            | 1766,1                   | 2,3                        | P E 132 742,75  | T 63D4 | 12,0                                      |
|                                     | 1,8   | 766,5            | 1776,0                   | 3,4                        | P E 150 766,52  | T 71B4 | 16,0                                      |
|                                     | 1,8   | 524,8            | 1776,7                   | 2,3                        | P E 132 524,76  | T 80A6 | 12,0                                      |
|                                     | 1,8   | 1578,8           | 1796,8                   | 3,0                        | P E 150 1578,76 | T 63C2 | 16,0                                      |
|                                     | 1,8   | 780,3            | 1806,1                   | 1,9                        | P E 125 780,26  | T 71B4 | 10,5                                      |
|                                     | 1,8   | 766,5            | 1816,7                   | 3,3                        | P E 150 766,52  | T 63D4 | 16,0                                      |
|                                     | 1,8   | 519,6            | 1816,3                   | 1,9                        | P E 125 519,6   | T 71C6 | 10,5                                      |
|                                     | 1,7   | 524,8            | 1838,5                   | 2,2                        | P E 132 524,76  | T 71C6 | 12,0                                      |
|                                     | 1,7   | 543,9            | 1838,5                   | 2,2                        | P E 132 543,89  | T 80A6 | 12,0                                      |
|                                     | 1,7   | 780,3            | 1850,0                   | 1,9                        | P E 125 780,26  | T 63D4 | 10,5                                      |
|                                     | 1,7   | 549,0            | 1859,3                   | 3,2                        | P E 150 548,95  | T 80A6 | 16,0                                      |
|                                     | 1,7   | 817,4            | 1892,6                   | 2,1                        | P E 132 817,42  | T 71B4 | 12,0                                      |
|                                     | 1,7   | 543,9            | 1904,8                   | 2,1                        | P E 132 543,89  | T 71C6 | 12,0                                      |
|                                     | 1,7   | 549,0            | 1915,4                   | 3,1                        | P E 150 548,95  | T 71C6 | 16,0                                      |
|                                     | 1,7   | 831,2            | 1927,1                   | 3,1                        | P E 150 831,21  | T 71B4 | 16,0                                      |
|                                     | 1,6   | 817,4            | 1939,7                   | 2,1                        | P E 132 817,42  | T 63D4 | 12,0                                      |
|                                     | 1,6   | 580,5            | 1961,6                   | 1,5                        | P E 125 580,52  | T 80A6 | 10,5                                      |
|                                     | 1,6   | 831,2            | 1975,1                   | 3,0                        | P E 150 831,21  | T 63D4 | 16,0                                      |
|                                     | 1,6   | 595,3            | 2012,7                   | 3,0                        | P E 150 595,28  | T 80A6 | 16,0                                      |
|                                     | 1,6   | 595,2            | 2013,6                   | 2,0                        | P E 132 595,18  | T 80A6 | 12,0                                      |
|                                     | 1,6   | 870,6            | 2025,5                   | 3,0                        | P E 150 870,64  | T 71B4 | 16,0                                      |
|                                     | 1,6   | 580,5            | 2024,5                   | 1,4                        | P E 125 580,52  | T 71C6 | 10,5                                      |
|                                     | 1,5   | 870,6            | 2065,1                   | 2,9                        | P E 150 870,64  | T 63D4 | 16,0                                      |
|                                     | 1,5   | 595,3            | 2078,7                   | 2,9                        | P E 150 595,28  | T 71C6 | 16,0                                      |
|                                     | 1,5   | 595,2            | 2078,7                   | 1,9                        | P E 132 595,18  | T 71C6 | 12,0                                      |
|                                     | 1,5   | 904,3            | 2091,9                   | 1,5                        | P E 125 904,27  | T 71B4 | 10,5                                      |
|                                     | 1,5   | 905,7            | 2105,3                   | 1,9                        | P E 132 905,66  | T 71B4 | 12,0                                      |
|                                     | 1,5   | 625,2            | 2119,5                   | 1,7                        | P E 125 625,23  | T 80A6 | 10,5                                      |
|                                     | 1,5   | 905,7            | 2148,0                   | 1,9                        | P E 132 905,66  | T 63D4 | 12,0                                      |
|                                     | 1,5   | 904,3            | 2148,8                   | 1,5                        | P E 125 904,27  | T 63D4 | 10,5                                      |
|                                     | 1,5   | 643,2            | 2178,6                   | 2,8                        | P E 150 643,23  | T 80A6 | 16,0                                      |
|                                     | 1,5   | 625,2            | 2176,5                   | 1,6                        | P E 125 625,23  | T 71C6 | 10,5                                      |
|                                     | 1,5   | 648,4            | 2194,9                   | 1,6                        | P E 125 648,43  | T 80A6 | 10,5                                      |
|                                     | 1,4   | 948,1            | 2209,0                   | 2,7                        | P E 150 948,12  | T 71B4 | 16,0                                      |
|                                     | 1,4   | 655,0            | 2209,0                   | 1,8                        | P E 132 655,01  | T 80A6 | 12,0                                      |
|                                     | 1,4   | 643,2            | 2256,1                   | 2,7                        | P E 150 643,23  | T 71C6 | 16,0                                      |
|                                     | 1,4   | 948,1            | 2256,1                   | 2,7                        | P E 150 948,12  | T 63D4 | 16,0                                      |
|                                     | 1,4   | 649,0            | 2271,5                   | 4,0                        | P E 170 649     | T 71C6 | 21,0                                      |
| 1,4                                 | 981,4   | 2271,5           | 4,0                      | P E 170 981,35             | T 71B4          | 21,0   |   |
| 1,4                                 | 648,4   | 2271,9           | 1,5                      | P E 125 648,43             | T 71C6          | 10,5   |   |
| 1,4                                 | 655,0   | 2287,5           | 1,7                      | P E 132 655,01             | T 71C6          | 12,0   |   |
| 1,4                                 | 981,4   | 2320,6           | 3,9                      | P E 170 981,35             | T 63D4          | 21,0   |   |
| 1,4                                 | 697,9   | 2355,0           | 3,8                      | P E 170 697,85             | T 80A6          | 21,0   |   |
| 1,4                                 | 697,5   | 2356,7           | 2,5                      | P E 150 697,51             | T 80A6          | 16,0   |   |
| 1,3                                 | 1037,5  | 2410,4           | 2,5                      | P E 150 1037,52            | T 71B4          | 16,0   |   |
| 1,3                                 | 697,9   | 2446,7           | 3,7                      | P E 170 697,85             | T 71C6          | 21,0   |   |
| 1,3                                 | 697,5   | 2444,9           | 2,5                      | P E 150 697,51             | T 71C6          | 16,0   |   |
| 1,3                                 | 724,6   | 2444,9           | 1,2                      | P E 125 724,6              | T 80A6          | 10,5   |   |
| 1,3                                 | 1064,2  | 2464,8           | 3,7                      | P E 170 1064,22            | T 71B4          | 21,0   |   |
| 1,3                                 | 1037,5  | 2463,9           | 2,4                      | P E 150 1037,52            | T 63D4          | 16,0   |   |
| 1,3                                 | 743,0   | 2502,8           | 2,4                      | P E 150 743,02             | T 80A6          | 16,0   |   |
| 1,3                                 | 742,8   | 2504,2           | 1,6                      | P E 132 742,75             | T 80A6          | 12,0   |   |
| 1,3                                 | 1064,2  | 2524,6           | 3,6                      | P E 170 1064,22            | T 63D4          | 21,0   |   |
| 1,3                                 | 724,6   | 2522,7           | 1,2                      | P E 125 724,6              | T 71C6          | 10,5   |   |
| 1,2                                 | 756,8   | 2565,5           | 3,5                      | P E 170 756,78             | T 80A6          | 21,0   |   |
| 1,2                                 | 766,5   | 2584,4           | 2,3                      | P E 150 766,52             | T 80A6          | 16,0   |   |
| 1,2                                 | 742,8   | 2587,4           | 1,5                      | P E 132 742,75             | T 71C6          | 12,0   |   |
| 1,2                                 | 743,0   | 2605,6           | 2,3                      | P E 150 743,02             | T 71C6          | 16,0   |   |
| 1,2                                 | 756,8   | 2649,2           | 3,4                      | P E 170 756,78             | T 71C6          | 21,0   |   |
| 1,2                                 | 780,3   | 2648,3           | 1,3                      | P E 125 780,26             | T 80A6          | 10,5   |   |
| 1,2                                 | 766,5   | 2671,5           | 2,2                      | P E 150 766,52             | T 71C6          | 16,0   |   |
| 1,2                                 | 1158,9  | 2694,2           | 3,3                      | P E 170 1158,92            | T 71B4          | 21,0   |   |
| 1,2                                 | 780,3   | 2720,6           | 1,3                      | P E 125 780,26             | T 71C6          | 10,5   |   |
| 1,2                                 | 1175,0  | 2714,7           | 1,0                      | P E 125 1175,04            | T 71B4          | 10,5   |   |
| 1,2                                 | 811,3   | 2740,7           | 3,3                      | P E 170 811,25             | T 80A6          | 21,0   |   |
| 1,2                                 | 1158,9  | 2740,7           | 3,3                      | P E 170 1158,92            | T 63D4          | 21,0   |   |
| 1,2                                 | 1183,2  | 2740,7           | 2,2                      | P E 150 1183,21            | T 71B4          | 16,0   |   |
| 1,2                                 | 817,4   | 2766,4           | 1,4                      | P E 132 817,42             | T 80A6          | 12,0   |   |
| 1,1                                 | 1175,0  | 2790,5           | 1,0                      | P E 125 1175,04            | T 63D4          | 10,5   |   |
| 1,1                                 | 1183,2  | 2813,7           | 2,1                      | P E 150 1183,21            | T 63D4          | 16,0   |   |
| 1,1                                 | 831,2   | 2813,7           | 2,1                      | P E 150 831,21             | T 80A6          | 16,0   |   |
| 1,1                                 | 811,3   | 2838,9           | 3,2                      | P E 170 811,25             | T 71C6          | 21,0   |   |
| 1,1                                 | 817,4   | 2862,7           | 1,4                      | P E 132 817,42             | T 71C6          | 12,0   |   |
| 1,1                                 | 831,2   | 2917,2           | 2,1                      | P E 150 831,21             | T 71C6          | 16,0   |   |
| 1,1                                 | 1268,2  | 2944,3           | 3,1                      | P E 170 1268,2             | T 71B4          | 21,0   |   |
| 1,1                                 | 870,6   | 2944,3           | 2,0                      | P E 150 870,64             | T 80A6          | 16,0   |   |
| 1,1                                 | 879,8   | 2973,2           | 3,0                      | P E 170 879,75             | T 80A6          | 21,0   |   |
| 1,1                                 | 1268,2  | 3000,0           | 3,0                      | P E 170 1268,2             | T 63D4          | 21,0   |   |
| 1,1                                 | 1294,8  | 3000,0           | 2,0                      | P E 150 1294,77            | T 71B4          | 16,0   |   |
| 1,1                                 | 870,6   | 3028,6           | 2,0                      | P E 150 870,64             | T 71C6          | 16,0   |   |
| 1,0                                 | 905,7   | 3057,9           | 1,3                      | P E 132 905,66             | T 80A6          | 12,0   |   |
| 1,0                                 | 904,3   | 3059,4           | 1,0                      | P E 125 904,27             | T 80A6          | 10,5   |   |
| 1,0                                 | 879,8   | 3086,2           | 2,9                      | P E 170 879,75             | T 71C6          | 21,0   |   |





HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|--------|---|
| 0,37                                | 1,0   | 1294,8           | 3087,6                                | 1,9                        | P E 150 1294,77 | T 63D4 | 16,0                                      |
|                                     | 1,0   | 904,3            | 3148,9                                | 1,0                        | P E 125 904,27  | T 71C6 | 10,5                                      |
|                                     | 1,0   | 905,7            | 3182,8                                | 1,3                        | P E 132 905,66  | T 71C6 | 12,0                                      |
|                                     | 1,0   | 948,1            | 3212,7                                | 1,9                        | P E 150 948,12  | T 80A6 | 16,0                                      |
|                                     | 1,0   | 958,0            | 3245,6                                | 3,9                        | P E 190 958,04  | T 80A6 | 27,0                                      |
|                                     | 1,0   | 1395,7           | 3245,6                                | 3,9                        | P E 190 1395,69 | T 71B4 | 27,0                                      |
|                                     | 1,0   | 1395,7           | 3245,6                                | 2,8                        | P E 170 1395,69 | T 71B4 | 21,0                                      |
|                                     | 1,0   | 1395,7           | 3313,0                                | 3,8                        | P E 190 1395,69 | T 63D4 | 27,0                                      |
|                                     | 1,0   | 1395,7           | 3313,4                                | 2,7                        | P E 170 1395,69 | T 63D4 | 21,0                                      |
|                                     | 1,0   | 981,4            | 3313,4                                | 2,7                        | P E 170 981,35  | T 80A6 | 21,0                                      |
|                                     | 1,0   | 948,1            | 3313,4                                | 1,8                        | P E 150 948,12  | T 71C6 | 16,0                                      |
|                                     | 1,0   | 1424,9           | 3313,4                                | 1,8                        | P E 150 1424,94 | T 71B4 | 16,0                                      |
|                                     | 1,0   | 958,0            | 3346,6                                | 3,7                        | P E 190 958,04  | T 71C6 | 27,0                                      |
|                                     | 0,94  | 1424,9           | 3384,1                                | 1,8                        | P E 150 1424,94 | T 63D4 | 16,0                                      |
|                                     | 0,93  | 981,4            | 3418,9                                | 2,6                        | P E 170 981,35  | T 71C6 | 21,0                                      |
|                                     | 0,91  | 1037,5           | 3496,1                                | 1,7                        | P E 150 1037,52 | T 80A6 | 16,0                                      |
|                                     | 0,89  | 1546,4           | 3574,2                                | 3,5                        | P E 190 1546,36 | T 71B4 | 27,0                                      |
|                                     | 0,89  | 1546,4           | 3573,0                                | 2,5                        | P E 170 1546,36 | T 71B4 | 21,0                                      |
|                                     | 0,88  | 1064,2           | 3613,3                                | 3,5                        | P E 190 1064,22 | T 80A6 | 27,0                                      |
|                                     | 0,88  | 1064,2           | 3615,6                                | 2,5                        | P E 170 1064,22 | T 80A6 | 21,0                                      |
|                                     | 0,88  | 1037,5           | 3615,6                                | 1,7                        | P E 150 1037,52 | T 71C6 | 16,0                                      |
|                                     | 0,87  | 1546,4           | 3656,1                                | 3,4                        | P E 190 1546,36 | T 63D4 | 27,0                                      |
|                                     | 0,87  | 1546,4           | 3655,3                                | 2,5                        | P E 170 1546,36 | T 63D4 | 21,0                                      |
|                                     | 0,87  | 1578,8           | 3657,3                                | 1,6                        | P E 150 1578,76 | T 71B4 | 16,0                                      |
|                                     | 0,86  | 1064,2           | 3697,0                                | 3,4                        | P E 190 1064,22 | T 71C6 | 27,0                                      |
|                                     | 0,86  | 1064,2           | 3695,9                                | 2,4                        | P E 170 1064,22 | T 71C6 | 21,0                                      |
|                                     | 0,85  | 1578,8           | 3743,7                                | 1,6                        | P E 150 1578,76 | T 63D4 | 16,0                                      |
|                                     | 0,81  | 1158,9           | 3926,1                                | 3,2                        | P E 190 1158,92 | T 80A6 | 27,0                                      |
|                                     | 0,81  | 1158,9           | 3926,9                                | 2,3                        | P E 170 1158,92 | T 80A6 | 21,0                                      |
|                                     | 0,79  | 1158,9           | 4025,2                                | 3,1                        | P E 190 1158,92 | T 71C6 | 27,0                                      |
|                                     | 0,79  | 1158,9           | 4026,6                                | 2,2                        | P E 170 1158,92 | T 71C6 | 21,0                                      |
|                                     | 0,79  | 1183,2           | 4029,0                                | 1,5                        | P E 150 1183,21 | T 80A6 | 16,0                                      |
|                                     | 0,77  | 1183,2           | 4126,4                                | 1,5                        | P E 150 1183,21 | T 71C6 | 16,0                                      |
|                                     | 0,74  | 1268,2           | 4298,3                                | 2,9                        | P E 190 1268,2  | T 80A6 | 27,0                                      |
|                                     | 0,74  | 1268,2           | 4296,8                                | 2,1                        | P E 170 1268,2  | T 80A6 | 21,0                                      |
|                                     | 0,73  | 1294,8           | 4352,9                                | 1,4                        | P E 150 1294,77 | T 80A6 | 16,0                                      |
|                                     | 0,72  | 1268,2           | 4417,4                                | 2,8                        | P E 190 1268,2  | T 71C6 | 27,0                                      |
|                                     | 0,72  | 1268,2           | 4416,4                                | 2,0                        | P E 170 1268,2  | T 71C6 | 21,0                                      |
|                                     | 0,70  | 1294,8           | 4539,9                                | 1,3                        | P E 150 1294,77 | T 71C6 | 16,0                                      |
|                                     | 0,67  | 1395,7           | 4748,5                                | 2,6                        | P E 190 1395,69 | T 80A6 | 27,0                                      |
|                                     | 0,67  | 1395,7           | 4743,6                                | 1,9                        | P E 170 1395,69 | T 80A6 | 21,0                                      |
|                                     | 0,66  | 1424,9           | 4815,6                                | 1,2                        | P E 150 1424,94 | T 80A6 | 16,0                                      |
|                                     | 0,65  | 1395,7           | 4894,2                                | 2,6                        | P E 190 1395,69 | T 71C6 | 27,0                                      |
|                                     | 0,65  | 1395,7           | 4889,9                                | 1,8                        | P E 170 1395,69 | T 71C6 | 21,0                                      |
|                                     | 0,64  | 1424,9           | 4966,4                                | 1,2                        | P E 150 1424,94 | T 71C6 | 16,0                                      |
| 0,61                                | 1546,4  | 5214,2           | 2,4                                   | P E 190 1546,36            | T 80A6          | 27,0   |   |
| 0,61                                | 1546,4  | 5211,3           | 1,7                                   | P E 170 1546,36            | T 80A6          | 21,0   |   |
| 0,60                                | 1578,8  | 5298,3           | 1,1                                   | P E 150 1578,76            | T 80A6          | 16,0   |   |
| 0,59                                | 1546,4  | 5390,4           | 2,3                                   | P E 190 1546,36            | T 71C6          | 27,0   |   |
| 0,59                                | 1546,4  | 5388,3           | 1,7                                   | P E 170 1546,36            | T 71C6          | 21,0   |   |
| 0,58                                | 1578,8  | 5481,5           | 1,1                                   | P E 150 1578,76            | T 71C6          | 16,0   |   |





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR      | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|---------------|--------|---|
| 0,55                                | 166,3   | 17,2             | 29,4                     | 3,1                        | P L 25 3 17,2 | T 71B2 | 4,0                                       |
|                                     | 140,2   | 20,4             | 34,8                     | 2,6                        | P L 25 3 20,4 | T 71B2 | 4,0                                       |
|                                     | 120,2   | 23,8             | 40,6                     | 2,2                        | P L 25 3 23,8 | T 71B2 | 4,0                                       |
|                                     | 104,4   | 27,4             | 46,8                     | 1,9                        | P L 25 3 27,4 | T 71B2 | 4,0                                       |
|                                     | 90,2  | 31,7             | 55,3                     | 4,0                        | P - 63 2 31,7 | T 71B2 | 5,6                                       |
|                                     | 89,4  | 32,0             | 54,6                     | 1,6                        | P L 25 3 32   | T 71B2 | 4,0                                       |
|                                     | 83,1  | 17,2             | 58,8                     | 1,7                        | P L 25 3 17,2 | T 80A4 | 4,0                                       |
|                                     | 81,4  | 17,2             | 60,0                     | 1,7                        | P L 25 3 17,2 | T 71C4 | 4,0                                       |
|                                     | 78,1  | 36,6             | 63,9                     | 3,5                        | P - 63 2 36,6 | T 71B2 | 5,6                                       |
|                                     | 77,5  | 36,9             | 63,1                     | 1,4                        | P L 25 3 36,9 | T 71B2 | 4,0                                       |
|                                     | 72,2  | 19,8             | 69,1                     | 3,6                        | P - 63 2 19,8 | T 80A4 | 5,6                                       |
|                                     | 70,7  | 19,8             | 70,6                     | 3,5                        | P - 63 2 19,8 | T 71C4 | 5,6                                       |
|                                     | 70,6  | 40,5             | 70,7                     | 3,1                        | P - 63 2 40,5 | T 71B2 | 5,6                                       |
|                                     | 70,1  | 20,4             | 69,7                     | 1,4                        | P L 25 3 20,4 | T 80A4 | 4,0                                       |
|                                     | 69,9  | 40,9             | 69,8                     | 3,2                        | P L 45 3 40,9 | T 71B2 | 6,5                                       |
|                                     | 69,8  | 20,5             | 71,5                     | 3,2                        | P - 63 2 20,5 | T 80A4 | 5,6                                       |
|                                     | 68,9  | 13,5             | 72,4                     | 3,5                        | P - 63 2 13,5 | T 80B6 | 5,6                                       |
|                                     | 68,6  | 20,4             | 71,2                     | 1,4                        | P L 25 3 20,4 | T 71C4 | 4,0                                       |
|                                     | 68,3  | 20,5             | 73,1                     | 3,1                        | P - 63 2 20,5 | T 71C4 | 5,6                                       |
|                                     | 67,1  | 42,6             | 72,8                     | 1,2                        | P L 25 3 42,6 | T 71B2 | 4,0                                       |
|                                     | 65,9  | 43,4             | 74,1                     | 3,0                        | P - 63 3 43,4 | T 71B2 | 4,0                                       |
|                                     | 64,6  | 14,4             | 77,3                     | 3,0                        | P - 63 2 14,4 | T 80B6 | 5,6                                       |
|                                     | 63,3  | 45,2             | 78,9                     | 2,8                        | P - 63 2 45,2 | T 71B2 | 5,6                                       |
|                                     | 62,6  | 45,7             | 78,1                     | 2,9                        | P L 45 3 45,7 | T 71B2 | 6,5                                       |
|                                     | 60,9  | 47,0             | 80,3                     | 2,5                        | P - 63 3 47   | T 71B2 | 4,0                                       |
|                                     | 60,1  | 23,8             | 81,4                     | 1,2                        | P L 25 3 23,8 | T 80A4 | 4,0                                       |
|                                     | 59,3  | 24,1             | 84,1                     | 2,7                        | P - 63 2 24,1 | T 80A4 | 5,6                                       |
|                                     | 58,8  | 23,8             | 83,1                     | 1,2                        | P L 25 3 23,8 | T 71C4 | 4,0                                       |
|                                     | 58,1  | 24,1             | 85,9                     | 2,7                        | P - 63 2 24,1 | T 71C4 | 5,6                                       |
|                                     | 55,0  | 16,9             | 90,7                     | 2,8                        | P - 63 2 16,9 | T 80B6 | 5,6                                       |
|                                     | 54,8  | 26,1             | 91,1                     | 2,6                        | P - 63 2 26,1 | T 80A4 | 5,6                                       |
|                                     | 54,2  | 52,8             | 90,2                     | 2,5                        | P L 45 3 52,8 | T 71B2 | 6,5                                       |
|                                     | 54,1  | 17,2             | 90,3                     | 1,2                        | P L 25 3 17,2 | T 80B6 | 4,0                                       |
|                                     | 53,7  | 53,3             | 91,0                     | 2,4                        | P - 63 3 53,3 | T 71B2 | 4,0                                       |
|                                     | 53,6  | 26,1             | 93,0                     | 2,6                        | P - 63 2 26,1 | T 71C4 | 5,6                                       |
|                                     | 52,2  | 27,4             | 93,5                     | 1,1                        | P L 25 3 27,4 | T 80A4 | 4,0                                       |
|                                     | 52,2  | 54,8             | 93,6                     | 1,0                        | P L 25 3 54,8 | T 71B2 | 4,0                                       |
|                                     | 51,1  | 27,4             | 95,7                     | 1,0                        | P L 25 3 27,4 | T 71C4 | 4,0                                       |
|                                     | 50,0  | 57,2             | 97,7                     | 2,4                        | P - 63 3 57,2 | T 71B2 | 4,0                                       |
|                                     | 49,8  | 28,7             | 98,0                     | 2,6                        | P L 45 3 28,7 | T 80A4 | 6,5                                       |
|                                     | 48,8  | 28,7             | 100,1                    | 2,5                        | P L 45 3 28,7 | T 71C4 | 6,5                                       |
|                                     | 47,6  | 60,1             | 102,6                    | 2,2                        | P L 45 3 60,1 | T 71B2 | 6,5                                       |
|                                     | 47,0  | 19,8             | 106,2                    | 2,4                        | P - 63 2 19,8 | T 80B6 | 5,6                                       |
|                                     | 46,3  | 61,8             | 105,6                    | 2,2                        | P - 63 3 61,8 | T 71B2 | 4,0                                       |
|                                     | 45,6  | 20,4             | 107,1                    | 1,0                        | P L 25 3 20,4 | T 80B6 | 4,0                                       |
|                                     | 45,4  | 20,5             | 110,0                    | 2,2                        | P - 63 2 20,5 | T 80B6 | 5,6                                       |
|                                     | 45,1  | 31,7             | 110,6                    | 2,2                        | P - 63 2 31,7 | T 80A4 | 5,6                                       |
|                                     | 44,7  | 32,0             | 109,3                    | 2,3                        | P L 45 3 32   | T 80A4 | 6,5                                       |
|                                     | 44,7  | 32,0             | 109,3                    | 0,9                        | P L 25 3 32   | T 80A4 | 4,0                                       |
|                                     | 44,6  | 64,2             | 109,6                    | 3,8                        | P - 71 3 64,2 | T 71B2 | 5,4                                       |
| 44,3                                | 64,6  | 110,2            | 0,8                      | P L 25 3 64,6              | T 71B2        | 4,0    |   |
| 44,2                                | 31,7  | 113,0            | 2,1                      | P - 63 2 31,7              | T 71C4        | 5,6    |   |
| 43,8                                | 32,0  | 111,7            | 2,2                      | P L 45 3 32                | T 71C4        | 6,5    |   |
| 43,8                                | 32,0  | 111,6            | 0,9                      | P L 25 3 32                | T 71C4        | 4,0    |   |
| 43,2                                | 33,1  | 115,5            | 3,5                      | P - 71 2 33,1              | T 80A4        | 7,5    |   |
| 42,3                                | 33,1  | 117,9            | 3,5                      | P - 71 2 33,1              | T 71C4        | 7,5    |   |
| 41,1                                | 69,6  | 118,9            | 2,0                      | P - 63 3 69,6              | T 71B2        | 4,0    |   |
| 40,5                                | 70,6  | 120,6            | 1,9                      | P L 45 3 70,6              | T 71B2        | 6,5    |   |
| 39,1                                | 23,8  | 125,0            | 0,9                      | P L 25 3 23,8              | T 80B6        | 4,0    |   |
| 39,1                                | 36,6  | 127,7            | 2,0                      | P - 63 2 36,6              | T 80A4        | 5,6    |   |
| 38,8                                | 36,9  | 126,1            | 0,8                      | P L 25 3 36,9              | T 80A4        | 4,0    |   |
| 38,6                                | 24,1  | 129,3            | 1,9                      | P - 63 2 24,1              | T 80B6        | 5,6    |   |
| 38,3                                | 37,3  | 130,1            | 3,2                      | P - 71 2 37,3              | T 80A4        | 7,5    |   |
| 38,3                                | 36,6  | 130,5            | 1,9                      | P - 63 2 36,6              | T 71C4        | 5,6    |   |
| 37,9                                | 36,9  | 128,8            | 0,8                      | P L 25 3 36,9              | T 71C4        | 4,0    |   |
| 37,9                                | 75,4  | 128,8            | 3,3                      | P - 71 3 75,4              | T 71B2        | 5,4    |   |
| 37,9                                | 75,4  | 128,8            | 1,9                      | P - 63 3 75,4              | T 71B2        | 4,0    |   |
| 37,5                                | 37,3  | 133,0            | 3,1                      | P - 71 2 37,3              | T 71C4        | 7,5    |   |
| 36,8                                | 25,3  | 135,8            | 3,0                      | P - 71 2 25,3              | T 80B6        | 7,5    |   |
| 36,2                                | 39,5  | 134,9            | 3,4                      | P - 71 3 39,5              | T 80A4        | 5,4    |   |
| 36,1                                | 39,6  | 138,3            | 3,6                      | P - 80 2 39,6              | T 80A4        | 7,5    |   |
| 35,6                                | 26,1  | 140,0            | 1,8                      | P - 63 2 26,1              | T 80B6        | 5,6    |   |
| 35,4                                | 39,5  | 137,8            | 3,3                      | P - 71 3 39,5              | T 71C4        | 5,4    |   |
| 35,3                                | 40,5  | 141,3            | 1,7                      | P - 63 2 40,5              | T 80A4        | 5,6    |   |
| 35,1                                | 81,4  | 138,9            | 1,7                      | P - 63 3 81,4              | T 71B2        | 4,0    |   |
| 35,0                                | 40,9  | 139,7            | 1,8                      | P L 45 3 40,9              | T 80A4        | 6,5    |   |
| 34,6                                | 40,5  | 144,4            | 1,7                      | P - 63 2 40,5              | T 71C4        | 5,6    |   |
| 34,2                                | 40,9  | 142,6            | 1,8                      | P L 45 3 40,9              | T 71C4        | 6,5    |   |
| 33,9                                | 27,4  | 144,0            | 0,8                      | P L 25 3 27,4              | T 80B6        | 4,0    |   |
| 33,9                                | 42,3  | 147,4            | 3,4                      | P - 80 2 42,3              | T 80A4        | 7,5    |   |
| 33,5                                | 85,4  | 145,9            | 3,7                      | P L 65 3 85,4              | T 71B2        | 8,0    |   |
| 33,4                                | 85,7  | 146,4            | 1,5                      | P L 45 3 85,7              | T 71B2        | 6,5    |   |
| 33,0                                | 86,8  | 148,3            | 2,8                      | P - 71 3 86,8              | T 71B2        | 5,4    |   |
| 33,0                                | 43,4  | 148,3            | 1,7                      | P - 63 3 43,4              | T 80A4        | 4,0    |   |
| 32,4                                | 28,7  | 150,8            | 1,8                      | P L 45 3 28,7              | T 80B6        | 6,5    |   |
| 32,4                                | 88,4  | 151,0            | 1,6                      | P - 63 3 88,4              | T 71B2        | 4,0    |   |
| 32,3                                | 28,8  | 154,6            | 3,0                      | P - 71 2 28,8              | T 80B6        | 7,5    |   |
| 32,3                                | 43,4  | 151,4            | 1,7                      | P - 63 3 43,4              | T 71C4        | 4,0    |   |
| 32,0                                | 44,7  | 156,0            | 2,9                      | P - 71 2 44,7              | T 80A4        | 7,5    |   |
| 31,6                                | 45,2  | 157,7            | 1,5                      | P - 63 2 45,2              | T 80A4        | 5,6    |   |
| 31,3                                | 44,7  | 159,3            | 2,9                      | P - 71 2 44,7              | T 71C4        | 7,5    |   |
| 31,3                                | 45,7  | 156,1            | 1,6                      | P L 45 3 45,7              | T 80A4        | 6,5    |   |
| 31,3                                | 91,5  | 156,3            | 2,7                      | P - 71 3 91,5              | T 71B2        | 5,4    |   |
| 31,1                                | 46,0  | 157,1            | 3,8                      | P L 65 3 46                | T 80A4        | 8,0    |   |
| 31,0                                | 45,2  | 161,2            | 1,5                      | P - 63 2 45,2              | T 71C4        | 5,6    |   |

**CT17 IGBD 4.0**

**E53**



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|--------|---|
|                                     | 30,6  | 45,7             | 159,5                                | 1,6                        | P L 45 3 45.7  | T 71C4 | 6,5                                       |
|                                     | 30,4  | 46,0             | 160,5                                | 3,7                        | P L 65 3 46    | T 71C4 | 8,0                                       |
|                                     | 30,4  | 47,0             | 160,4                                | 1,6                        | P - 63 3 47    | T 80A4 | 4,0                                       |
|                                     | 29,8  | 47,0             | 163,9                                | 1,5                        | P - 63 3 47    | T 71C4 | 4,0                                       |
|                                     | 29,7  | 48,1             | 168,0                                | 3,0                        | P - 80 2 48.14 | T 80A4 | 7,5                                       |
|                                     | 29,3  | 31,7             | 170,2                                | 1,5                        | P - 63 2 31.7  | T 80B6 | 5,6                                       |
|                                     | 29,1  | 32,0             | 168,2                                | 1,6                        | P L 45 3 32    | T 80B6 | 6,5                                       |
|                                     | 28,9  | 98,9             | 169,0                                | 1,4                        | P - 63 3 98.9  | T 71B2 | 4,0                                       |
|                                     | 28,9  | 99,0             | 169,0                                | 3,2                        | P L 65 3 99    | T 71B2 | 8,0                                       |
|                                     | 28,8  | 99,3             | 169,6                                | 2,5                        | P - 71 3 99.3  | T 71B2 | 5,4                                       |
|                                     | 28,8  | 32,3             | 169,7                                | 3,8                        | P L 65 3 32.3  | T 80B6 | 8,0                                       |
|                                     | 28,4  | 100,7            | 172,1                                | 1,3                        | P L 45 3 100.7 | T 71B2 | 6,5                                       |
|                                     | 28,3  | 50,5             | 176,2                                | 2,6                        | P - 71 2 50.5  | T 80A4 | 7,5                                       |
|                                     | 28,1  | 50,9             | 177,6                                | 2,0                        | P - 80 2 50.87 | T 80A4 | 7,5                                       |
|                                     | 28,1  | 33,1             | 177,6                                | 2,3                        | P - 71 2 33.1  | T 80B6 | 7,5                                       |
|                                     | 27,7  | 50,5             | 180,1                                | 2,6                        | P - 71 2 50.5  | T 71C4 | 7,5                                       |
|                                     | 27,1  | 52,8             | 180,4                                | 1,4                        | P L 45 3 52.8  | T 80A4 | 6,5                                       |
|                                     | 26,8  | 53,3             | 182,1                                | 1,4                        | P - 63 3 53.3  | T 80A4 | 4,0                                       |
|                                     | 26,7  | 34,8             | 186,7                                | 3,5                        | P - 80 2 34.79 | T 80B6 | 7,5                                       |
|                                     | 26,7  | 53,5             | 182,8                                | 2,5                        | P - 71 3 53.5  | T 80A4 | 5,4                                       |
|                                     | 26,7  | 107,1            | 183,1                                | 1,2                        | P L 45 3 107.1 | T 71B2 | 6,5                                       |
|                                     | 26,6  | 107,5            | 183,6                                | 2,3                        | P - 71 3 107.5 | T 71B2 | 5,4                                       |
|                                     | 26,5  | 52,8             | 184,3                                | 1,4                        | P L 45 3 52.8  | T 71C4 | 6,5                                       |
|                                     | 26,3  | 54,3             | 185,5                                | 3,2                        | P L 65 3 54.3  | T 80A4 | 8,0                                       |
|                                     | 26,3  | 53,3             | 186,1                                | 1,3                        | P - 63 3 53.3  | T 71C4 | 4,0                                       |
|                                     | 26,2  | 53,5             | 186,7                                | 2,5                        | P - 71 3 53.5  | T 71C4 | 5,4                                       |
|                                     | 25,8  | 54,3             | 189,4                                | 3,2                        | P L 65 3 54.3  | T 71C4 | 8,0                                       |
|                                     | 25,8  | 55,5             | 193,7                                | 1,8                        | P - 80 2 55.49 | T 80A4 | 7,5                                       |
|                                     | 25,4  | 36,6             | 196,4                                | 1,3                        | P - 63 2 36.6  | T 80B6 | 5,6                                       |
|                                     | 25,0  | 57,2             | 195,3                                | 1,3                        | P - 63 3 57.2  | T 80A4 | 4,0                                       |
|                                     | 25,0  | 114,4            | 195,3                                | 1,2                        | P - 63 3 114.4 | T 71B2 | 4,0                                       |
|                                     | 24,9  | 37,3             | 200,1                                | 2,0                        | P - 71 2 37.3  | T 80B6 | 7,5                                       |
|                                     | 24,7  | 37,6             | 197,5                                | 3,3                        | P L 65 3 37.6  | T 80B6 | 8,0                                       |
|                                     | 24,6  | 116,2            | 198,5                                | 2,7                        | P L 65 3 116.2 | T 71B2 | 8,0                                       |
|                                     | 24,5  | 38,0             | 203,6                                | 3,2                        | P - 80 2 37.95 | T 80B6 | 7,5                                       |
|                                     | 24,5  | 57,2             | 199,6                                | 1,3                        | P - 63 3 57.2  | T 71C4 | 4,0                                       |
|                                     | 23,8  | 60,1             | 205,2                                | 1,2                        | P L 45 3 60.1  | T 80A4 | 6,5                                       |
|                                     | 23,5  | 39,5             | 207,5                                | 2,3                        | P - 71 3 39.5  | T 80B6 | 5,4                                       |
|                                     | 23,5  | 60,8             | 207,7                                | 2,2                        | P - 71 3 60.8  | T 80A4 | 5,4                                       |
|                                     | 23,5  | 39,6             | 212,7                                | 2,6                        | P - 80 2 39.63 | T 80B6 | 7,5                                       |
|                                     | 23,3  | 60,1             | 209,6                                | 1,2                        | P L 45 3 60.1  | T 71C4 | 6,5                                       |
|                                     | 23,1  | 61,8             | 215,6                                | 1,6                        | P - 80 2 61.79 | T 80A4 | 7,5                                       |
|                                     | 23,1  | 61,8             | 211,2                                | 1,2                        | P - 63 3 61.8  | T 80A4 | 4,0                                       |
|                                     | 23,1  | 123,8            | 211,5                                | 2,0                        | P - 71 3 123.8 | T 71B2 | 5,4                                       |
|                                     | 23,0  | 60,8             | 212,1                                | 2,2                        | P - 71 3 60.8  | T 71C4 | 5,4                                       |
|                                     | 23,0  | 40,4             | 216,8                                | 3,5                        | P - 90 2 40.4  | T 80B6 | 10,5                                      |
|                                     | 23,0  | 40,5             | 217,5                                | 1,1                        | P - 63 2 40.5  | T 80B6 | 5,6                                       |
|                                     | 22,7  | 40,9             | 214,9                                | 1,3                        | P L 45 3 40.9  | T 80B6 | 6,5                                       |
|                                     | 22,7  | 61,8             | 215,5                                | 1,2                        | P - 63 3 61.8  | T 71C4 | 4,0                                       |
|                                     | 22,3  | 64,2             | 219,4                                | 2,1                        | P - 71 3 64.2  | T 80A4 | 5,4                                       |
|                                     | 22,2  | 64,4             | 220,0                                | 2,7                        | P L 65 3 64.4  | T 80A4 | 8,0                                       |
|                                     | 22,0  | 42,3             | 226,7                                | 2,4                        | P - 80 2 42.25 | T 80B6 | 7,5                                       |
|                                     | 21,8  | 64,2             | 223,9                                | 2,1                        | P - 71 3 64.2  | T 71C4 | 5,4                                       |
|                                     | 21,7  | 64,4             | 224,6                                | 2,7                        | P L 65 3 64.4  | T 71C4 | 8,0                                       |
|                                     | 21,6  | 132,7            | 226,6                                | 1,0                        | P L 45 3 132.7 | T 71B2 | 6,5                                       |
|                                     | 21,4  | 43,4             | 228,0                                | 1,1                        | P - 63 3 43.4  | T 80B6 | 4,0                                       |
|                                     | 21,3  | 134,3            | 229,4                                | 1,8                        | P - 71 3 134.3 | T 71B2 | 5,4                                       |
|                                     | 21,1  | 135,4            | 231,2                                | 1,0                        | P - 63 3 135.4 | T 71B2 | 4,0                                       |
|                                     | 20,8  | 44,7             | 239,8                                | 1,9                        | P - 71 2 44.7  | T 80B6 | 7,5                                       |
|                                     | 20,6  | 138,8            | 237,0                                | 2,3                        | P L 65 3 138.8 | T 71B2 | 8,0                                       |
|                                     | 20,6  | 69,6             | 237,9                                | 1,1                        | P - 63 3 69.6  | T 80A4 | 4,0                                       |
|                                     | 20,4  | 45,7             | 239,9                                | 1,1                        | P L 45 3 45.7  | T 80B6 | 6,5                                       |
|                                     | 20,3  | 141,0            | 240,9                                | 3,8                        | P - 90 3 141   | T 71B2 | 7,5                                       |
|                                     | 20,3  | 70,6             | 241,2                                | 3,8                        | P - 90 3 70.6  | T 80A4 | 7,5                                       |
|                                     | 20,3  | 70,6             | 241,2                                | 1,0                        | P L 45 3 70.6  | T 80A4 | 6,5                                       |
|                                     | 20,2  | 46,0             | 241,6                                | 2,7                        | P L 65 3 46    | T 80B6 | 8,0                                       |
|                                     | 20,1  | 69,6             | 242,9                                | 1,0                        | P - 63 3 69.6  | T 71C4 | 4,0                                       |
|                                     | 19,8  | 70,6             | 246,3                                | 3,7                        | P - 90 3 70.6  | T 71C4 | 7,5                                       |
|                                     | 19,8  | 70,6             | 246,4                                | 1,0                        | P L 45 3 70.6  | T 71C4 | 6,5                                       |
|                                     | 19,8  | 47,0             | 246,9                                | 1,0                        | P - 63 3 47    | T 80B6 | 4,0                                       |
|                                     | 19,3  | 48,1             | 258,4                                | 2,1                        | P - 80 2 48.14 | T 80B6 | 7,5                                       |
|                                     | 19,2  | 74,4             | 254,2                                | 2,4                        | P L 65 3 74.4  | T 80A4 | 8,0                                       |
|                                     | 19,2  | 149,1            | 254,8                                | 0,9                        | P - 63 3 149.1 | T 71B2 | 4,0                                       |
|                                     | 19,1  | 48,8             | 256,3                                | 3,7                        | P - 90 3 48.8  | T 80B6 | 7,5                                       |
|                                     | 19,0  | 75,4             | 257,4                                | 1,8                        | P - 71 3 75.4  | T 80A4 | 5,4                                       |
|                                     | 19,0  | 75,4             | 257,5                                | 1,0                        | P - 63 3 75.4  | T 80A4 | 4,0                                       |
|                                     | 18,8  | 74,4             | 259,6                                | 2,3                        | P L 65 3 74.4  | T 71C4 | 8,0                                       |
|                                     | 18,7  | 76,3             | 260,7                                | 3,5                        | P - 90 3 76.3  | T 80A4 | 7,5                                       |
|                                     | 18,7  | 152,8            | 261,0                                | 2,1                        | P L 65 3 152.8 | T 71B2 | 8,0                                       |
|                                     | 18,7  | 152,9            | 261,1                                | 0,9                        | P L 45 3 152.9 | T 71B2 | 6,5                                       |
|                                     | 18,6  | 75,4             | 263,0                                | 1,7                        | P - 71 3 75.4  | T 71C4 | 5,4                                       |
|                                     | 18,6  | 75,4             | 262,9                                | 1,0                        | P - 63 3 75.4  | T 71C4 | 4,0                                       |
|                                     | 18,5  | 154,8            | 264,3                                | 1,6                        | P - 71 3 154.8 | T 71B2 | 5,4                                       |
|                                     | 18,4  | 155,2            | 265,1                                | 3,4                        | P - 90 3 155.2 | T 71B2 | 7,5                                       |
|                                     | 18,4  | 50,5             | 270,9                                | 1,7                        | P - 71 2 50.5  | T 80B6 | 7,5                                       |
|                                     | 18,4  | 76,3             | 266,2                                | 3,4                        | P - 90 3 76.3  | T 71C4 | 7,5                                       |
|                                     | 18,3  | 50,9             | 272,9                                | 1,4                        | P - 80 2 50.87 | T 80B6 | 7,5                                       |
|                                     | 18,3  | 50,9             | 273,1                                | 3,5                        | P - 90 2 50.9  | T 80B6 | 10,5                                      |
|                                     | 17,9  | 160,0            | 273,2                                | 4,0                        | P L 85 3 160   | T 71B2 | 11,0                                      |
|                                     | 17,6  | 52,8             | 277,6                                | 1,0                        | P L 45 3 52.8  | T 80B6 | 6,5                                       |
|                                     | 17,6  | 81,4             | 277,8                                | 0,9                        | P - 63 3 81.4  | T 80A4 | 4,0                                       |
|                                     | 17,5  | 163,2            | 278,6                                | 1,5                        | P - 71 3 163.2 | T 71B2 | 5,4                                       |
|                                     | 17,5  | 53,3             | 279,9                                | 0,9                        | P - 63 3 53.3  | T 80B6 | 4,0                                       |
|                                     | 17,4  | 53,5             | 281,1                                | 1,6                        | P - 71 3 53.5  | T 80B6 | 5,4                                       |
|                                     | 17,4  | 164,7            | 281,4                                | 0,9                        | P - 63 3 164.7 | T 71B2 | 4,0                                       |

0,55



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|----------------|--------|---|
| 0,55                                | 17,3  | 82,8             | 282,9                    | 3,2                        | P - 90 3 82.8  | T 80A4 | 7,5                                       |
|                                     | 17,2  | 81,4             | 284,1                    | 0,9                        | P - 63 3 81.4  | T 71C4 | 4,0                                       |
|                                     | 17,1  | 54,3             | 285,1                    | 2,3                        | P L 65 3 54.3  | T 80B6 | 8,0                                       |
|                                     | 16,9  | 82,8             | 288,8                    | 3,2                        | P - 90 3 82.8  | T 71C4 | 7,5                                       |
|                                     | 16,9  | 55,2             | 289,9                    | 3,3                        | P - 90 3 55.2  | T 80B6 | 7,5                                       |
|                                     | 16,8  | 55,5             | 297,7                    | 1,3                        | P - 80 2 55.49 | T 80B6 | 7,5                                       |
|                                     | 16,7  | 85,4             | 291,8                    | 2,1                        | P L 65 3 85.4  | T 80A4 | 8,0                                       |
|                                     | 16,7  | 85,7             | 292,6                    | 0,9                        | P L 45 3 85.7  | T 80A4 | 6,5                                       |
|                                     | 16,5  | 86,8             | 296,6                    | 1,6                        | P - 71 3 86.8  | T 80A4 | 5,4                                       |
|                                     | 16,4  | 85,4             | 298,1                    | 2,0                        | P L 65 3 85.4  | T 71C4 | 8,0                                       |
|                                     | 16,3  | 85,7             | 298,9                    | 0,8                        | P L 45 3 85.7  | T 71C4 | 6,5                                       |
|                                     | 16,3  | 175,4            | 299,4                    | 1,8                        | P L 65 3 175.4 | T 71B2 | 8,0                                       |
|                                     | 16,3  | 57,2             | 300,3                    | 0,8                        | P - 63 3 57.2  | T 80B6 | 4,0                                       |
|                                     | 16,2  | 88,4             | 302,2                    | 0,8                        | P - 63 3 88.4  | T 80A4 | 4,0                                       |
|                                     | 16,1  | 86,8             | 303,0                    | 1,5                        | P - 71 3 86.8  | T 71C4 | 5,4                                       |
|                                     | 16,1  | 178,1            | 304,1                    | 3,0                        | P - 90 3 178.1 | T 71B2 | 7,5                                       |
|                                     | 15,8  | 88,4             | 308,3                    | 0,8                        | P - 63 3 88.4  | T 71C4 | 4,0                                       |
|                                     | 15,8  | 181,3            | 309,9                    | 0,8                        | P - 63 3 181.3 | T 71B2 | 4,0                                       |
|                                     | 15,6  | 91,5             | 312,3                    | 1,5                        | P - 71 3 91.5  | T 80A4 | 5,4                                       |
|                                     | 15,5  | 184,6            | 315,3                    | 3,4                        | P L 85 3 184.6 | T 71B2 | 11,0                                      |
|                                     | 15,5  | 60,1             | 316,0                    | 0,9                        | P L 45 3 60.1  | T 80B6 | 6,5                                       |
|                                     | 15,3  | 93,3             | 318,6                    | 2,9                        | P - 90 3 93.3  | T 80A4 | 7,5                                       |
|                                     | 15,3  | 60,8             | 319,4                    | 1,4                        | P - 71 3 60.8  | T 80B6 | 5,4                                       |
|                                     | 15,3  | 91,5             | 319,4                    | 1,4                        | P - 71 3 91.5  | T 71C4 | 5,4                                       |
|                                     | 15,1  | 61,8             | 331,7                    | 1,1                        | P - 80 2 61.79 | T 80B6 | 7,5                                       |
|                                     | 15,1  | 61,8             | 324,7                    | 0,8                        | P - 63 3 61.8  | T 80B6 | 4,0                                       |
|                                     | 15,0  | 93,3             | 325,4                    | 2,8                        | P - 90 3 93.3  | T 71C4 | 7,5                                       |
|                                     | 14,9  | 62,3             | 327,1                    | 2,9                        | P - 90 3 62.3  | T 80B6 | 7,5                                       |
|                                     | 14,9  | 191,6            | 327,4                    | 1,4                        | P - 71 3 191.6 | T 71B2 | 5,4                                       |
|                                     | 14,6  | 98,0             | 334,9                    | 3,6                        | P L 85 3 98    | T 80A4 | 11,0                                      |
|                                     | 14,6  | 63,9             | 335,7                    | 3,9                        | P L 85 3 63.9  | T 80B6 | 11,0                                      |
|                                     | 14,5  | 64,2             | 337,0                    | 1,4                        | P - 71 3 64.2  | T 80B6 | 5,4                                       |
|                                     | 14,5  | 98,9             | 337,8                    | 0,7                        | P - 63 3 98.9  | T 80A4 | 4,0                                       |
|                                     | 14,5  | 197,9            | 337,9                    | 1,6                        | P L 65 3 197.9 | T 71B2 | 8,0                                       |
|                                     | 14,4  | 64,4             | 338,2                    | 1,9                        | P L 65 3 64.4  | T 80B6 | 8,0                                       |
|                                     | 14,4  | 99,0             | 338,1                    | 1,8                        | P L 65 3 99    | T 80A4 | 8,0                                       |
|                                     | 14,4  | 99,3             | 339,1                    | 1,4                        | P - 71 3 99.3  | T 80A4 | 5,4                                       |
|                                     | 14,3  | 98,0             | 341,8                    | 3,5                        | P L 85 3 98    | T 71C4 | 11,0                                      |
|                                     | 14,2  | 201,0            | 343,3                    | 2,7                        | P - 90 3 201   | T 71B2 | 7,5                                       |
|                                     | 14,2  | 100,6            | 343,8                    | 2,6                        | P - 90 3 100.6 | T 80A4 | 7,5                                       |
|                                     | 14,2  | 100,7            | 343,8                    | 0,7                        | P L 45 3 100.7 | T 80A4 | 6,5                                       |
|                                     | 14,2  | 98,9             | 344,6                    | 0,7                        | P - 63 3 98.9  | T 71C4 | 4,0                                       |
|                                     | 14,1  | 99,0             | 345,5                    | 1,7                        | P L 65 3 99    | T 71C4 | 8,0                                       |
|                                     | 14,1  | 99,3             | 346,6                    | 1,3                        | P - 71 3 99.3  | T 71C4 | 5,4                                       |
|                                     | 14,0  | 204,1            | 348,6                    | 3,1                        | P L 85 3 204.1 | T 71B2 | 11,0                                      |
|                                     | 13,9  | 100,6            | 351,0                    | 2,6                        | P - 90 3 100.6 | T 71C4 | 7,5                                       |
|                                     | 13,9  | 100,7            | 351,7                    | 0,7                        | P L 45 3 100.7 | T 71C4 | 6,5                                       |
|                                     | 13,4  | 214,0            | 365,5                    | 3,0                        | P L 85 3 214   | T 71B2 | 11,0                                      |
|                                     | 13,3  | 107,5            | 367,2                    | 1,3                        | P - 71 3 107.5 | T 80A4 | 5,4                                       |
|                                     | 13,2  | 70,6             | 371,0                    | 2,5                        | P - 90 3 70.6  | T 80B6 | 7,5                                       |
| 13,2                                | 70,6  | 371,3            | 0,7                      | P L 45 3 70.6              | T 80B6         | 6,5    |   |
| 13,1                                | 108,9   | 372,1            | 2,4                      | P - 90 3 108.9             | T 80A4         | 7,5    |   |
| 13,0                                | 107,5   | 375,4            | 1,2                      | P - 71 3 107.5             | T 71C4         | 5,4    |   |
| 13,0                                | 220,8   | 377,3            | 1,2                      | P - 71 3 220.8             | T 71B2         | 5,4    |   |
| 12,9                                | 108,9   | 379,7            | 2,4                      | P - 90 3 108.9             | T 71C4         | 7,5    |   |
| 12,8                                | 224,4   | 383,2            | 2,4                      | P - 90 3 224.4             | T 71B2         | 7,5    |   |
| 12,6                                | 113,5   | 387,8            | 3,1                      | P L 85 3 113.5             | T 80A4         | 11,0   |   |
| 12,6                                | 74,0  | 388,6            | 3,3                      | P L 85 3 74                | T 80B6         | 11,0   |   |
| 12,5                                | 74,4  | 390,7            | 1,7                      | P L 65 3 74.4              | T 80B6         | 8,0    |   |
| 12,3                                | 113,5   | 396,2            | 3,0                      | P L 85 3 113.5             | T 71C4         | 11,0   |   |
| 12,3                                | 75,4  | 396,5            | 1,2                      | P - 71 3 75.4              | T 80B6         | 5,4    |   |
| 12,3                                | 116,2   | 396,6            | 1,5                      | P L 65 3 116.2             | T 80A4         | 8,0    |   |
| 12,2                                | 234,0   | 399,7            | 2,7                      | P L 85 3 234               | T 71B2         | 11,0   |   |
| 12,2                                | 76,3  | 400,7            | 2,4                      | P - 90 3 76.3              | T 80B6         | 7,5    |   |
| 12,1                                | 116,2   | 405,4            | 1,5                      | P L 65 3 116.2             | T 71C4         | 8,0    |   |
| 11,6                                | 123,8   | 423,1            | 1,1                      | P - 71 3 123.8             | T 80A4         | 5,4    |   |
| 11,4                                | 125,0   | 427,0            | 2,1                      | P - 90 3 125               | T 80A4         | 7,5    |   |
| 11,3                                | 123,8   | 431,7            | 1,1                      | P - 71 3 123.8             | T 71C4         | 5,4    |   |
| 11,3                                | 253,2   | 432,2            | 2,1                      | P - 90 3 253.2             | T 71B2         | 7,5    |   |
| 11,2                                | 82,8  | 434,9            | 2,2                      | P - 90 3 82.8              | T 80B6         | 7,5    |   |
| 11,2                                | 125,0   | 436,0            | 2,1                      | P - 90 3 125               | T 71C4         | 7,5    |   |
| 11,2                                | 128,3   | 438,1            | 4,0                      | P - 112 3 128.3            | T 80A4         | 11,8   |   |
| 11,0                                | 84,9  | 446,0            | 2,9                      | P L 85 3 84.9              | T 80B6         | 11,0   |   |
| 10,9                                | 85,4  | 448,6            | 1,4                      | P L 65 3 85.4              | T 80B6         | 8,0    |   |
| 10,7                                | 86,8  | 455,9            | 1,0                      | P - 71 3 86.8              | T 80B6         | 5,4    |   |
| 10,7                                | 134,3   | 458,3            | 1,0                      | P - 71 3 134.3             | T 80A4         | 5,4    |   |
| 10,6                                | 270,0   | 461,2            | 2,3                      | P L 85 3 270               | T 71B2         | 11,0   |   |
| 10,5                                | 136,8   | 467,4            | 2,6                      | P L 85 3 136.8             | T 80A4         | 11,0   |   |
| 10,4                                | 134,3   | 468,5            | 1,0                      | P - 71 3 134.3             | T 71C4         | 5,4    |   |
| 10,3                                | 138,8   | 474,1            | 1,3                      | P L 65 3 138.8             | T 80A4         | 8,0    |   |
| 10,2                                | 136,8   | 477,6            | 2,5                      | P L 85 3 136.8             | T 71C4         | 11,0   |   |
| 10,2                                | 91,5  | 480,5            | 1,0                      | P - 71 3 91.5              | T 80B6         | 5,4    |   |
| 10,1                                | 141,0   | 481,7            | 1,9                      | P - 90 3 141               | T 80A4         | 7,5    |   |
| 10,1                                | 138,8   | 483,9            | 1,2                      | P L 65 3 138.8             | T 71C4         | 8,0    |   |
| 10,0                                | 93,3  | 489,9            | 1,9                      | P - 90 3 93.3              | T 80B6         | 7,5    |   |
| 9,9                                 | 93,6  | 491,4            | 3,8                      | P - 112 3 93.6             | T 80B6         | 11,8   |   |
| 9,9                                 | 141,0   | 492,1            | 1,8                      | P - 90 3 141               | T 71C4         | 7,5    |   |
| 9,7                                 | 148,0   | 505,8            | 3,5                      | P - 112 3 148              | T 80A4         | 11,8   |   |
| 9,5                                 | 98,0  | 514,8            | 2,5                      | P L 85 3 98                | T 80B6         | 11,0   |   |
| 9,4                                 | 99,0  | 520,4            | 1,2                      | P L 65 3 99                | T 80B6         | 8,0    |   |
| 9,4                                 | 99,3  | 521,2            | 0,9                      | P - 71 3 99.3              | T 80B6         | 5,4    |   |
| 9,4                                 | 152,8   | 522,2            | 1,1                      | P L 65 3 152.8             | T 80A4         | 8,0    |   |
| 9,2                                 | 100,6   | 528,7            | 1,8                      | P - 90 3 100.6             | T 80B6         | 7,5    |   |
| 9,2                                 | 154,8   | 528,2            | 0,9                      | P - 71 3 154.8             | T 80A4         | 5,4    |   |
| 9,2                                 | 155,2   | 530,2            | 1,7                      | P - 90 3 155.2             | T 80A4         | 7,5    |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|--------|---|
|                                     | 9.2   | 152.8            | 533.1                                 | 1.1                        | P L 65 3 152.8  | T 71C4 | 8.0                                       |
|                                     | 9.0   | 154.8            | 540.6                                 | 0.9                        | P - 71 3 154.8  | T 71C4 | 5.4                                       |
|                                     | 9.0   | 155.2            | 541.7                                 | 1.7                        | P - 90 3 155.2  | T 71C4 | 7.5                                       |
|                                     | 8.9   | 160.0            | 546.4                                 | 2.2                        | P L 85 3 160    | T 80A4 | 11.0                                      |
|                                     | 8.8   | 163.2            | 557.3                                 | 0.8                        | P - 71 3 163.2  | T 80A4 | 5.4                                       |
|                                     | 8.8   | 160.0            | 558.4                                 | 2.1                        | P L 85 3 160    | T 71C4 | 11.0                                      |
|                                     | 8.7   | 107.5            | 564.4                                 | 0.8                        | P - 71 3 107.5  | T 80B6 | 5.4                                       |
|                                     | 8.6   | 108.4            | 569.3                                 | 3.3                        | P - 112 3 108.4 | T 80B6 | 11.8                                      |
|                                     | 8.6   | 163.2            | 569.8                                 | 0.8                        | P - 71 3 163.2  | T 71C4 | 5.4                                       |
|                                     | 8.6   | 167.0            | 570.5                                 | 3.1                        | P - 112 3 167   | T 80A4 | 11.8                                      |
|                                     | 8.5   | 108.9            | 571.8                                 | 1.7                        | P - 90 3 108.9  | T 80B6 | 7.5                                       |
|                                     | 8.2   | 113.5            | 596.3                                 | 2.2                        | P L 85 3 113.5  | T 80B6 | 11.0                                      |
|                                     | 8.2   | 175.4            | 598.9                                 | 1.0                        | P L 65 3 175.4  | T 80A4 | 8.0                                       |
|                                     | 8.0   | 178.1            | 608.1                                 | 1.5                        | P - 90 3 178.1  | T 80A4 | 7.5                                       |
|                                     | 8.0   | 116.0            | 609.1                                 | 3.9                        | P L 95 3 116    | T 80B6 | 16.0                                      |
|                                     | 8.0   | 116.2            | 611.1                                 | 1.1                        | P L 65 3 116.2  | T 80B6 | 8.0                                       |
|                                     | 8.0   | 175.4            | 612.2                                 | 1.0                        | P L 65 3 175.4  | T 71C4 | 8.0                                       |
|                                     | 7.9   | 117.2            | 615.2                                 | 3.0                        | P - 112 3 117.2 | T 80B6 | 11.8                                      |
|                                     | 7.9   | 178.1            | 621.7                                 | 1.5                        | P - 90 3 178.1  | T 71C4 | 7.5                                       |
|                                     | 7.8   | 184.6            | 630.4                                 | 1.9                        | P L 85 3 184.6  | T 80A4 | 11.0                                      |
|                                     | 7.6   | 187.1            | 639.2                                 | 3.8                        | P L 95 3 187.1  | T 80A4 | 16.0                                      |
|                                     | 7.6   | 184.6            | 644.5                                 | 1.9                        | P L 85 3 184.6  | T 71C4 | 11.0                                      |
|                                     | 7.5   | 123.8            | 650.2                                 | 0.7                        | P - 71 3 123.8  | T 80B6 | 5.4                                       |
|                                     | 7.5   | 191.5            | 653.9                                 | 2.7                        | P - 112 3 191.5 | T 80A4 | 11.8                                      |
|                                     | 7.5   | 191.6            | 654.1                                 | 0.7                        | P - 71 3 191.6  | T 80A4 | 5.4                                       |
|                                     | 7.4   | 125.0            | 656.2                                 | 1.4                        | P - 90 3 125    | T 80B6 | 7.5                                       |
|                                     | 7.3   | 191.6            | 668.7                                 | 0.7                        | P - 71 3 191.6  | T 71C4 | 5.4                                       |
|                                     | 7.3   | 128.3            | 673.9                                 | 2.8                        | P - 112 3 128.3 | T 80B6 | 11.8                                      |
|                                     | 7.2   | 197.9            | 676.2                                 | 0.9                        | P L 65 3 197.9  | T 80A4 | 8.0                                       |
|                                     | 7.2   | 199.5            | 681.1                                 | 3.5                        | P L 95 3 199.5  | T 80A4 | 16.0                                      |
|                                     | 7.1   | 201.0            | 687.5                                 | 1.3                        | P - 90 3 201    | T 80A4 | 7.5                                       |
|                                     | 7.1   | 197.9            | 690.4                                 | 0.9                        | P L 65 3 197.9  | T 71C4 | 8.0                                       |
|                                     | 7.0   | 204.1            | 696.9                                 | 1.7                        | P L 85 3 204.1  | T 80A4 | 11.0                                      |
|                                     | 7.0   | 201.0            | 701.0                                 | 1.3                        | P - 90 3 201    | T 71C4 | 7.5                                       |
|                                     | 6.9   | 134.4            | 705.9                                 | 3.4                        | P L 95 3 134.4  | T 80B6 | 16.0                                      |
|                                     | 6.9   | 204.1            | 712.0                                 | 1.7                        | P L 85 3 204.1  | T 71C4 | 11.0                                      |
|                                     | 6.8   | 136.8            | 718.6                                 | 1.8                        | P L 85 3 136.8  | T 80B6 | 11.0                                      |
|                                     | 6.7   | 138.8            | 729.6                                 | 0.9                        | P L 65 3 138.8  | T 80B6 | 8.0                                       |
|                                     | 6.7   | 214.0            | 730.9                                 | 1.6                        | P L 85 3 214    | T 80A4 | 11.0                                      |
|                                     | 6.6   | 141.0            | 740.4                                 | 1.3                        | P - 90 3 141    | T 80B6 | 7.5                                       |
|                                     | 6.5   | 214.0            | 746.6                                 | 1.6                        | P L 85 3 214    | T 71C4 | 11.0                                      |
|                                     | 6.5   | 220.9            | 754.9                                 | 2.3                        | P - 112 3 220.9 | T 80A4 | 11.8                                      |
|                                     | 6.5   | 221.3            | 756.0                                 | 3.2                        | P L 95 3 221.3  | T 80A4 | 16.0                                      |
|                                     | 6.4   | 224.4            | 766.5                                 | 1.2                        | P - 90 3 224.4  | T 80A4 | 7.5                                       |
|                                     | 6.3   | 148.0            | 777.9                                 | 2.4                        | P - 112 3 148   | T 80B6 | 11.8                                      |
|                                     | 6.2   | 224.4            | 783.3                                 | 1.2                        | P - 90 3 224.4  | T 71C4 | 7.5                                       |
|                                     | 6.1   | 234.0            | 799.0                                 | 1.5                        | P L 85 3 234    | T 80A4 | 11.0                                      |
|                                     | 6.1   | 152.8            | 801.6                                 | 0.8                        | P L 65 3 152.8  | T 80B6 | 8.0                                       |
|                                     | 6.0   | 155.2            | 815.9                                 | 1.2                        | P - 90 3 155.2  | T 80B6 | 7.5                                       |
|                                     | 6.0   | 234.0            | 816.8                                 | 1.5                        | P L 85 3 234    | T 71C4 | 11.0                                      |
|                                     | 5.9   | 241.0            | 824.1                                 | 2.1                        | P - 112 3 241   | T 80A4 | 11.8                                      |
|                                     | 5.9   | 243.2            | 830.7                                 | 2.9                        | P L 95 3 243.2  | T 80A4 | 16.0                                      |
|                                     | 5.9   | 158.9            | 834.9                                 | 2.9                        | P L 95 3 158.9  | T 80B6 | 16.0                                      |
|                                     | 5.8   | 160.0            | 841.2                                 | 1.5                        | P L 85 3 160    | T 80B6 | 11.0                                      |
|                                     | 5.7   | 253.2            | 864.4                                 | 1.1                        | P - 90 3 253.2  | T 80A4 | 7.5                                       |
|                                     | 5.6   | 167.0            | 877.4                                 | 2.1                        | P - 112 3 167   | T 80B6 | 11.8                                      |
|                                     | 5.5   | 253.2            | 882.7                                 | 1.0                        | P - 90 3 253.2  | T 71C4 | 7.5                                       |
|                                     | 5.5   | 519.6            | 859.4                                 | 3.7                        | P E 125 519.6   | T 71B2 | 10.5                                      |
|                                     | 5.4   | 266.2            | 909.7                                 | 2.6                        | P L 95 3 266.2  | T 80A4 | 16.0                                      |
|                                     | 5.3   | 270.0            | 921.8                                 | 1.3                        | P L 85 3 270    | T 80A4 | 11.0                                      |
|                                     | 5.3   | 175.4            | 921.4                                 | 0.7                        | P L 65 3 175.4  | T 80B6 | 8.0                                       |
|                                     | 5.3   | 543.9            | 898.7                                 | 3.9                        | P E 132 543.9   | T 71B2 | 12.0                                      |
|                                     | 5.2   | 273.5            | 904.0                                 | 3.5                        | P E 125 273.48  | T 80A4 | 10.5                                      |
|                                     | 5.2   | 178.1            | 936.5                                 | 1.0                        | P - 90 3 178.1  | T 80B6 | 7.5                                       |
|                                     | 5.2   | 270.0            | 941.5                                 | 1.3                        | P L 85 3 270    | T 71C4 | 11.0                                      |
|                                     | 5.1   | 278.1            | 950.1                                 | 1.8                        | P - 112 3 278.1 | T 80A4 | 11.8                                      |
|                                     | 5.1   | 273.5            | 923.4                                 | 3.5                        | P E 125 273.48  | T 71C4 | 10.5                                      |
|                                     | 5.0   | 184.6            | 968.8                                 | 1.3                        | P L 85 3 184.6  | T 80B6 | 11.0                                      |
|                                     | 5.0   | 185.2            | 983.6                                 | 3.9                        | P L 105 3 185.2 | T 80B6 | 22.0                                      |
|                                     | 5.0   | 185.6            | 943.6                                 | 3.7                        | P E 125 185.62  | T 80B6 | 10.5                                      |
|                                     | 5.0   | 187.1            | 982.9                                 | 2.4                        | P L 95 3 187.1  | T 80B6 | 16.0                                      |
|                                     | 4.9   | 580.5            | 958.7                                 | 2.8                        | P E 125 580.52  | T 71B2 | 10.5                                      |
|                                     | 4.9   | 191.5            | 1004.9                                | 1.9                        | P - 112 3 191.5 | T 80B6 | 11.8                                      |
|                                     | 4.8   | 595.2            | 982.6                                 | 3.6                        | P E 132 595.18  | T 71B2 | 12.0                                      |
|                                     | 4.7   | 199.5            | 1048.5                                | 2.3                        | P L 95 3 199.5  | T 80B6 | 16.0                                      |
|                                     | 4.7   | 307.7            | 1016.4                                | 3.4                        | P E 125 307.71  | T 80A4 | 10.5                                      |
|                                     | 4.6   | 201.0            | 1054.3                                | 0.9                        | P - 90 3 201    | T 80B6 | 7.5                                       |
|                                     | 4.6   | 625.2            | 1034.7                                | 3.1                        | P E 125 625.23  | T 71B2 | 10.5                                      |
|                                     | 4.6   | 204.1            | 1072.0                                | 1.2                        | P L 85 3 204.1  | T 80B6 | 11.0                                      |
|                                     | 4.6   | 307.7            | 1038.9                                | 3.4                        | P E 125 307.71  | T 71C4 | 10.5                                      |
|                                     | 4.5   | 316.6            | 1045.6                                | 3.8                        | P E 132 316.62  | T 80A4 | 12.0                                      |
|                                     | 4.4   | 316.6            | 1069.5                                | 3.7                        | P E 132 316.62  | T 71C4 | 12.0                                      |
|                                     | 4.4   | 648.4            | 1071.9                                | 3.0                        | P E 125 648.43  | T 71B2 | 10.5                                      |
|                                     | 4.4   | 212.6            | 1081.6                                | 3.7                        | P E 132 212.62  | T 80B6 | 12.0                                      |
|                                     | 4.4   | 655.0            | 1081.5                                | 3.2                        | P E 132 655.01  | T 71B2 | 12.0                                      |
|                                     | 4.4   | 214.0            | 1122.4                                | 1.2                        | P L 85 3 214    | T 80B6 | 11.0                                      |
|                                     | 4.2   | 220.9            | 1159.9                                | 1.6                        | P - 112 3 220.9 | T 80B6 | 11.8                                      |
|                                     | 4.2   | 221.3            | 1163.0                                | 2.1                        | P L 95 3 221.3  | T 80B6 | 16.0                                      |
|                                     | 4.1   | 224.4            | 1181.2                                | 0.8                        | P - 90 3 224.4  | T 80B6 | 7.5                                       |
|                                     | 4.1   | 227.3            | 1155.5                                | 3.0                        | P E 125 227.28  | T 80B6 | 10.5                                      |
|                                     | 4.1   | 350.3            | 1158.3                                | 2.3                        | P E 125 350.27  | T 80A4 | 10.5                                      |
|                                     | 4.1   | 352.5            | 1164.6                                | 3.4                        | P E 132 352.46  | T 80A4 | 12.0                                      |
|                                     | 4.0   | 350.3            | 1181.4                                | 2.3                        | P E 125 350.27  | T 71C4 | 10.5                                      |
|                                     | 4.0   | 352.5            | 1190.5                                | 3.4                        | P E 132 352.46  | T 71C4 | 12.0                                      |
|                                     | 4.0   | 234.0            | 1190.5                                | 3.4                        | P E 132 234     | T 80B6 | 12.0                                      |

0,55



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|--------|---|
| 4.0                                 | 4.0   | 234.0            | 1230.6                               | 1.1                        | P L 85 3 234    | T 80B6 | 11.0                                      |
| 4.0                                 | 4.0   | 724.6            | 1196.6                               | 2.3                        | P E 125 724.6   | T 71B2 | 10.5                                      |
| 3.9                                 | 3.9   | 241.0            | 1265.1                               | 1.5                        | P - 112 3 241   | T 80B6 | 11.8                                      |
| 3.9                                 | 3.9   | 742.8            | 1227.7                               | 2.9                        | P E 132 742.75  | T 71B2 | 12.0                                      |
| 3.8                                 | 3.8   | 243.2            | 1279.1                               | 1.9                        | P L 95 3 243.2  | T 80B6 | 16.0                                      |
| 3.7                                 | 3.7   | 383.9            | 1267.3                               | 2.8                        | P E 125 383.88  | T 80A4 | 10.5                                      |
| 3.7                                 | 3.7   | 251.2            | 1277.4                               | 2.7                        | P E 125 251.17  | T 80B6 | 10.5                                      |
| 3.7                                 | 3.7   | 387.9            | 1281.3                               | 3.1                        | P E 132 387.9   | T 80A4 | 12.0                                      |
| 3.7                                 | 3.7   | 780.3            | 1288.4                               | 2.5                        | P E 125 780.26  | T 71B2 | 10.5                                      |
| 3.7                                 | 3.7   | 253.2            | 1332.7                               | 0.7                        | P - 90 3 253.2  | T 80B6 | 7.5                                       |
| 3.7                                 | 3.7   | 383.9            | 1295.4                               | 2.7                        | P E 125 383.88  | T 71C4 | 10.5                                      |
| 3.6                                 | 3.6   | 387.9            | 1309.5                               | 3.1                        | P E 132 387.9   | T 71C4 | 12.0                                      |
| 3.6                                 | 3.6   | 260.3            | 1324.5                               | 3.0                        | P E 132 260.34  | T 80B6 | 12.0                                      |
| 3.5                                 | 3.5   | 817.4            | 1350.9                               | 2.6                        | P E 132 817.42  | T 71B2 | 12.0                                      |
| 3.5                                 | 3.5   | 266.2            | 1399.8                               | 1.7                        | P L 95 3 266.2  | T 80B6 | 16.0                                      |
| 3.4                                 | 3.4   | 831.2            | 1374.4                               | 3.9                        | P E 150 831.21  | T 71B2 | 16.0                                      |
| 3.4                                 | 3.4   | 416.3            | 1374.0                               | 2.5                        | P E 125 416.28  | T 80A4 | 10.5                                      |
| 3.4                                 | 3.4   | 270.0            | 1418.7                               | 0.9                        | P L 85 3 270    | T 80B6 | 11.0                                      |
| 3.4                                 | 3.4   | 273.5            | 1390.2                               | 2.3                        | P E 125 273.48  | T 80B6 | 10.5                                      |
| 3.4                                 | 3.4   | 416.3            | 1407.2                               | 2.5                        | P E 125 416.28  | T 71C4 | 10.5                                      |
| 3.3                                 | 3.3   | 278.1            | 1461.5                               | 1.3                        | P - 112 3 278.1 | T 80B6 | 11.8                                      |
| 3.3                                 | 3.3   | 870.6            | 1441.0                               | 3.7                        | P E 150 870.64  | T 71B2 | 16.0                                      |
| 3.3                                 | 3.3   | 286.5            | 1454.1                               | 2.8                        | P E 132 286.51  | T 80B6 | 12.0                                      |
| 3.3                                 | 3.3   | 439.7            | 1454.1                               | 2.8                        | P E 132 439.72  | T 80A4 | 12.0                                      |
| 3.2                                 | 3.2   | 439.7            | 1486.5                               | 2.7                        | P E 132 439.72  | T 71C4 | 12.0                                      |
| 3.2                                 | 3.2   | 905.7            | 1495.7                               | 2.3                        | P E 132 905.66  | T 71B2 | 12.0                                      |
| 3.2                                 | 3.2   | 904.3            | 1495.9                               | 2.0                        | P E 125 904.27  | T 71B2 | 10.5                                      |
| 3.1                                 | 3.1   | 458.3            | 1515.2                               | 4.0                        | P E 150 458.31  | T 80A4 | 16.0                                      |
| 3.1                                 | 3.1   | 461.9            | 1525.4                               | 2.3                        | P E 125 461.93  | T 80A4 | 10.5                                      |
| 3.1                                 | 3.1   | 458.3            | 1550.0                               | 3.9                        | P E 150 458.31  | T 71C4 | 16.0                                      |
| 3.0                                 | 3.0   | 461.9            | 1560.0                               | 2.2                        | P E 125 461.93  | T 71C4 | 10.5                                      |
| 3.0                                 | 3.0   | 948.1            | 1565.6                               | 3.4                        | P E 150 948.12  | T 71B2 | 16.0                                      |
| 3.0                                 | 3.0   | 307.7            | 1565.0                               | 2.2                        | P E 125 307.71  | T 80B6 | 10.5                                      |
| 3.0                                 | 3.0   | 310.5            | 1575.9                               | 3.8                        | P E 150 310.47  | T 80B6 | 16.0                                      |
| 3.0                                 | 3.0   | 483.9            | 1596.5                               | 2.5                        | P E 132 483.92  | T 80A4 | 12.0                                      |
| 2.9                                 | 2.9   | 316.6            | 1608.2                               | 2.5                        | P E 132 316.62  | T 80B6 | 12.0                                      |
| 2.9                                 | 2.9   | 483.9            | 1635.7                               | 2.4                        | P E 132 483.92  | T 71C4 | 12.0                                      |
| 2.9                                 | 2.9   | 325.0            | 1652.5                               | 3.6                        | P E 150 325     | T 80B6 | 16.0                                      |
| 2.9                                 | 2.9   | 501.5            | 1658.3                               | 3.6                        | P E 150 501.52  | T 80A4 | 16.0                                      |
| 2.8                                 | 2.8   | 501.5            | 1694.0                               | 3.5                        | P E 150 501.52  | T 71C4 | 16.0                                      |
| 2.8                                 | 2.8   | 1037.5           | 1712.8                               | 3.2                        | P E 150 1037.52 | T 71B2 | 16.0                                      |
| 2.8                                 | 2.8   | 519.6            | 1718.8                               | 2.0                        | P E 125 519.6   | T 80A4 | 10.5                                      |
| 2.7                                 | 2.7   | 524.8            | 1730.9                               | 2.3                        | P E 132 524.76  | T 80A4 | 12.0                                      |
| 2.7                                 | 2.7   | 519.6            | 1758.0                               | 2.0                        | P E 125 519.6   | T 71C4 | 10.5                                      |
| 2.7                                 | 2.7   | 524.8            | 1769.9                               | 2.3                        | P E 132 524.76  | T 71C4 | 12.0                                      |
| 2.7                                 | 2.7   | 350.3            | 1776.3                               | 1.5                        | P E 125 350.27  | T 80B6 | 10.5                                      |
| 2.6                                 | 2.6   | 352.5            | 1790.1                               | 2.2                        | P E 132 352.46  | T 80B6 | 12.0                                      |
| 2.6                                 | 2.6   | 543.9            | 1797.4                               | 2.2                        | P E 132 543.89  | T 80A4 | 12.0                                      |
| 2.6                                 | 2.6   | 549.0            | 1818.2                               | 3.3                        | P E 150 548.95  | T 80A4 | 16.0                                      |
| 2.6                                 | 2.6   | 359.2            | 1825.2                               | 3.3                        | P E 150 359.17  | T 80B6 | 16.0                                      |
| 2.6                                 | 2.6   | 543.9            | 1839.5                               | 2.2                        | P E 132 543.89  | T 71C4 | 12.0                                      |
| 2.6                                 | 2.6   | 549.0            | 1853.9                               | 3.2                        | P E 150 548.95  | T 71C4 | 16.0                                      |
| 2.5                                 | 2.5   | 580.5            | 1921.7                               | 1.5                        | P E 125 580.52  | T 80A4 | 10.5                                      |
| 2.4                                 | 2.4   | 380.8            | 1937.8                               | 3.1                        | P E 150 380.82  | T 80B6 | 16.0                                      |
| 2.4                                 | 2.4   | 1175.0           | 1944.8                               | 1.3                        | P E 125 1175.04 | T 71B2 | 10.5                                      |
| 2.4                                 | 2.4   | 1183.2           | 1953.9                               | 2.8                        | P E 150 1183.21 | T 71B2 | 16.0                                      |
| 2.4                                 | 2.4   | 383.9            | 1954.3                               | 1.8                        | P E 125 383.88  | T 80B6 | 10.5                                      |
| 2.4                                 | 2.4   | 580.5            | 1961.9                               | 1.5                        | P E 125 580.52  | T 71C4 | 10.5                                      |
| 2.4                                 | 2.4   | 595.3            | 1970.1                               | 3.0                        | P E 150 595.28  | T 80A4 | 16.0                                      |
| 2.4                                 | 2.4   | 387.9            | 1969.6                               | 2.0                        | P E 132 387.9   | T 80B6 | 12.0                                      |
| 2.4                                 | 2.4   | 595.2            | 1969.6                               | 2.0                        | P E 132 595.18  | T 80A4 | 12.0                                      |
| 2.4                                 | 2.4   | 595.3            | 2012.2                               | 3.0                        | P E 150 595.28  | T 71C4 | 16.0                                      |
| 2.4                                 | 2.4   | 595.2            | 2011.0                               | 2.0                        | P E 132 595.18  | T 71C4 | 12.0                                      |
| 2.3                                 | 2.3   | 625.2            | 2063.2                               | 1.7                        | P E 125 625.23  | T 80A4 | 10.5                                      |
| 2.3                                 | 2.3   | 1268.2           | 2091.5                               | 3.9                        | P E 170 1268.2  | T 71B2 | 21.0                                      |
| 2.2                                 | 2.2   | 625.2            | 2110.7                               | 1.7                        | P E 125 625.23  | T 71C4 | 10.5                                      |
| 2.2                                 | 2.2   | 416.3            | 2120.0                               | 1.7                        | P E 125 416.28  | T 80B6 | 10.5                                      |
| 2.2                                 | 2.2   | 643.2            | 2129.0                               | 2.8                        | P E 150 643.23  | T 80A4 | 16.0                                      |
| 2.2                                 | 2.2   | 420.9            | 2138.7                               | 2.8                        | P E 150 420.86  | T 80B6 | 16.0                                      |
| 2.2                                 | 2.2   | 1294.8           | 2139.8                               | 2.5                        | P E 150 1294.77 | T 71B2 | 16.0                                      |
| 2.2                                 | 2.2   | 648.4            | 2138.9                               | 1.6                        | P E 125 648.43  | T 80A4 | 10.5                                      |
| 2.2                                 | 2.2   | 643.2            | 2168.2                               | 2.8                        | P E 150 643.23  | T 71C4 | 16.0                                      |
| 2.2                                 | 2.2   | 655.0            | 2167.5                               | 1.8                        | P E 132 655.01  | T 80A4 | 12.0                                      |
| 2.2                                 | 2.2   | 648.4            | 2187.5                               | 1.6                        | P E 125 648.43  | T 71C4 | 10.5                                      |
| 2.1                                 | 2.1   | 655.0            | 2208.8                               | 1.8                        | P E 132 655.01  | T 71C4 | 12.0                                      |
| 2.1                                 | 2.1   | 439.7            | 2240.3                               | 1.8                        | P E 132 439.72  | T 80B6 | 12.0                                      |
| 2.1                                 | 2.1   | 445.6            | 2262.3                               | 4.0                        | P E 170 445.6   | T 80B6 | 21.0                                      |
| 2.1                                 | 2.1   | 697.9            | 2305.5                               | 3.9                        | P E 170 697.85  | T 80A4 | 21.0                                      |
| 2.1                                 | 2.1   | 1395.7           | 2305.9                               | 3.5                        | P E 170 1395.69 | T 71B2 | 21.0                                      |
| 2.1                                 | 2.1   | 697.5            | 2306.1                               | 2.6                        | P E 150 697.51  | T 80A4 | 16.0                                      |
| 2.0                                 | 2.0   | 458.3            | 2328.9                               | 2.6                        | P E 150 458.31  | T 80B6 | 16.0                                      |
| 2.0                                 | 2.0   | 697.9            | 2351.5                               | 3.8                        | P E 170 697.85  | T 71C4 | 21.0                                      |
| 2.0                                 | 2.0   | 697.5            | 2352.1                               | 2.6                        | P E 150 697.51  | T 71C4 | 16.0                                      |
| 2.0                                 | 2.0   | 1424.9           | 2351.5                               | 2.3                        | P E 150 1424.94 | T 71B2 | 16.0                                      |
| 2.0                                 | 2.0   | 461.9            | 2353.3                               | 1.5                        | P E 125 461.93  | T 80B6 | 10.5                                      |
| 2.0                                 | 2.0   | 724.6            | 2398.3                               | 1.3                        | P E 125 724.6   | T 80A4 | 10.5                                      |
| 1.9                                 | 1.9   | 742.8            | 2449.9                               | 1.6                        | P E 132 742.75  | T 80A4 | 12.0                                      |
| 1.9                                 | 1.9   | 724.6            | 2448.1                               | 1.2                        | P E 125 724.6   | T 71C4 | 10.5                                      |
| 1.9                                 | 1.9   | 483.2            | 2462.7                               | 3.7                        | P E 170 483.23  | T 80B6 | 21.0                                      |
| 1.9                                 | 1.9   | 743.0            | 2462.7                               | 2.4                        | P E 150 743.02  | T 80A4 | 16.0                                      |
| 1.9                                 | 1.9   | 483.9            | 2460.9                               | 1.6                        | P E 132 483.92  | T 80B6 | 12.0                                      |
| 1.9                                 | 1.9   | 756.8            | 2501.3                               | 3.6                        | P E 170 756.78  | T 80A4 | 21.0                                      |
| 1.9                                 | 1.9   | 743.0            | 2515.2                               | 2.4                        | P E 150 743.02  | T 71C4 | 16.0                                      |
| 1.9                                 | 1.9   | 742.8            | 2514.3                               | 1.6                        | P E 132 742.75  | T 71C4 | 12.0                                      |
| 1.9                                 | 1.9   | 766.5            | 2528.7                               | 2.4                        | P E 150 766.52  | T 80A4 | 16.0                                      |

0,55

CT17 IGBD 4.0





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                 |                 | P <sub>tn</sub><br>Thermal capacity<br>kW |      |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|-----------------|---|------|
| 0,55                                | 1,9   | 756,8            | 2555,5                               | 3,5                        | P E 170 756,78  | T 71C4          | 21,0                                      |      |
|                                     | 1,9   | 1546,4           | 2555,9                               | 3,2                        | P E 170 1546,36 | T 71B2          | 21,0                                      |      |
|                                     | 1,9   | 501,5            | 2556,2                               | 2,3                        | P E 150 501,52  | T 80B6          | 16,0                                      |      |
|                                     | 1,8   | 766,5            | 2584,2                               | 2,3                        | P E 150 766,52  | T 71C4          | 16,0                                      |      |
|                                     | 1,8   | 780,3            | 2583,9                               | 1,4                        | P E 125 780,26  | T 80A4          | 10,5                                      |      |
|                                     | 1,8   | 1578,8           | 2612,1                               | 2,1                        | P E 150 1578,76 | T 71B2          | 16,0                                      |      |
|                                     | 1,8   | 520,0            | 2641,4                               | 3,4                        | P E 170 520,04  | T 80B6          | 21,0                                      |      |
|                                     | 1,8   | 780,3            | 2640,6                               | 1,3                        | P E 125 780,26  | T 71C4          | 10,5                                      |      |
|                                     | 1,8   | 519,6            | 2640,6                               | 1,3                        | P E 125 519,6   | T 80B6          | 10,5                                      |      |
|                                     | 1,8   | 524,8            | 2669,9                               | 1,5                        | P E 132 524,76  | T 80B6          | 12,0                                      |      |
|                                     | 1,8   | 811,3            | 2685,8                               | 3,4                        | P E 170 811,25  | T 80A4          | 21,0                                      |      |
|                                     | 1,8   | 817,4            | 2702,7                               | 1,5                        | P E 132 817,42  | T 80A4          | 12,0                                      |      |
|                                     | 1,7   | 811,3            | 2731,8                               | 3,3                        | P E 170 811,25  | T 71C4          | 21,0                                      |      |
|                                     | 1,7   | 831,2            | 2747,7                               | 2,2                        | P E 150 831,21  | T 80A4          | 16,0                                      |      |
|                                     | 1,7   | 817,4            | 2763,8                               | 1,4                        | P E 132 817,42  | T 71C4          | 12,0                                      |      |
|                                     | 1,7   | 543,9            | 2763,8                               | 1,4                        | P E 132 543,89  | T 80B6          | 12,0                                      |      |
|                                     | 1,7   | 549,0            | 2796,6                               | 2,1                        | P E 150 548,95  | T 80B6          | 16,0                                      |      |
|                                     | 1,7   | 831,2            | 2813,3                               | 2,1                        | P E 150 831,21  | T 71C4          | 16,0                                      |      |
|                                     | 1,7   | 559,2            | 2848,1                               | 3,2                        | P E 170 559,19  | T 80B6          | 21,0                                      |      |
|                                     | 1,6   | 870,6            | 2882,1                               | 2,1                        | P E 150 870,64  | T 80A4          | 16,0                                      |      |
|                                     | 1,6   | 879,8            | 2899,8                               | 3,1                        | P E 170 879,75  | T 80A4          | 21,0                                      |      |
|                                     | 1,6   | 870,6            | 2935,9                               | 2,0                        | P E 150 870,64  | T 71C4          | 16,0                                      |      |
|                                     | 1,6   | 580,5            | 2953,7                               | 1,0                        | P E 125 580,52  | T 80B6          | 10,5                                      |      |
|                                     | 1,6   | 879,8            | 2973,0                               | 3,0                        | P E 170 879,75  | T 71C4          | 21,0                                      |      |
|                                     | 1,6   | 905,7            | 2993,2                               | 1,3                        | P E 132 905,66  | T 80A4          | 12,0                                      |      |
|                                     | 1,6   | 904,3            | 2993,2                               | 1,1                        | P E 125 904,27  | T 80A4          | 10,5                                      |      |
|                                     | 1,6   | 595,3            | 3030,3                               | 2,0                        | P E 150 595,28  | T 80B6          | 16,0                                      |      |
|                                     | 1,6   | 595,2            | 3030,3                               | 1,3                        | P E 132 595,18  | T 80B6          | 12,0                                      |      |
|                                     | 1,6   | 905,7            | 3051,3                               | 1,3                        | P E 132 905,66  | T 71C4          | 12,0                                      |      |
|                                     | 1,6   | 904,3            | 3050,3                               | 1,0                        | P E 125 904,27  | T 71C4          | 10,5                                      |      |
|                                     | 1,5   | 606,4            | 3089,9                               | 2,9                        | P E 170 606,41  | T 80B6          | 21,0                                      |      |
|                                     | 1,5   | 948,1            | 3130,9                               | 1,9                        | P E 150 948,12  | T 80A4          | 16,0                                      |      |
|                                     | 1,5   | 958,0            | 3172,6                               | 3,9                        | P E 190 958,04  | T 80A4          | 27,0                                      |      |
|                                     | 1,5   | 625,2            | 3171,3                               | 1,1                        | P E 125 625,23  | T 80B6          | 10,5                                      |      |
|                                     | 1,5   | 948,1            | 3194,6                               | 1,9                        | P E 150 948,12  | T 71C4          | 16,0                                      |      |
|                                     | 1,5   | 958,0            | 3238,3                               | 3,9                        | P E 190 958,04  | T 71C4          | 27,0                                      |      |
|                                     | 1,5   | 981,4            | 3237,4                               | 2,8                        | P E 170 981,35  | T 80A4          | 21,0                                      |      |
|                                     | 1,5   | 643,2            | 3260,9                               | 1,8                        | P E 150 643,23  | T 80B6          | 16,0                                      |      |
|                                     | 1,4   | 649,0            | 3306,6                               | 2,7                        | P E 170 649     | T 80B6          | 21,0                                      |      |
|                                     | 1,4   | 981,4            | 3306,6                               | 2,7                        | P E 170 981,35  | T 71C4          | 21,0                                      |      |
|                                     | 1,4   | 648,4            | 3307,6                               | 1,1                        | P E 125 648,43  | T 80B6          | 10,5                                      |      |
|                                     | 1,4   | 655,0            | 3328,3                               | 1,2                        | P E 132 655,01  | T 80B6          | 12,0                                      |      |
|                                     | 1,4   | 660,4            | 3352,0                               | 3,7                        | P E 190 660,37  | T 80B6          | 27,0                                      |      |
|                                     | 1,4   | 1037,5           | 3426,8                               | 1,8                        | P E 150 1037,52 | T 80A4          | 16,0                                      |      |
|                                     | 1,4   | 1037,5           | 3503,2                               | 1,7                        | P E 150 1037,52 | T 71C4          | 16,0                                      |      |
|                                     | 1,3   | 1064,2           | 3527,4                               | 3,5                        | P E 190 1064,22 | T 80A4          | 27,0                                      |      |
|                                     | 1,3   | 1064,2           | 3528,2                               | 2,6                        | P E 170 1064,22 | T 80A4          | 21,0                                      |      |
|                                     | 1,3   | 697,9            | 3553,5                               | 2,5                        | P E 170 697,85  | T 80B6          | 21,0                                      |      |
|                                     | 1,3   | 697,5            | 3556,0                               | 1,7                        | P E 150 697,51  | T 80B6          | 16,0                                      |      |
|                                     | 1,3   | 1064,2           | 3580,7                               | 3,5                        | P E 190 1064,22 | T 71C4          | 27,0                                      |      |
|                                     | 1,3   | 704,9            | 3580,7                               | 3,5                        | P E 190 704,94  | T 80B6          | 27,0                                      |      |
|                                     | 1,3   | 1064,2           | 3581,8                               | 2,5                        | P E 170 1064,22 | T 71C4          | 21,0                                      |      |
|                                     | 1,3   | 724,6            | 3691,3                               | 0,8                        | P E 125 724,6   | T 80B6          | 10,5                                      |      |
|                                     | 1,3   | 743,0            | 3780,1                               | 1,6                        | P E 150 743,02  | T 80B6          | 16,0                                      |      |
|                                     | 1,3   | 742,8            | 3780,1                               | 1,1                        | P E 132 742,75  | T 80B6          | 12,0                                      |      |
|                                     | 1,2   | 1158,9           | 3842,9                               | 3,3                        | P E 190 1158,92 | T 80A4          | 27,0                                      |      |
|                                     | 1,2   | 756,8            | 3842,9                               | 3,3                        | P E 190 756,78  | T 80B6          | 27,0                                      |      |
|                                     | 1,2   | 756,8            | 3843,2                               | 2,3                        | P E 170 756,78  | T 80B6          | 21,0                                      |      |
|                                     | 1,2   | 1158,9           | 3843,2                               | 2,3                        | P E 170 1158,92 | T 80A4          | 21,0                                      |      |
|                                     | 1,2   | 1158,9           | 3906,2                               | 3,2                        | P E 190 1158,92 | T 71C4          | 27,0                                      |      |
|                                     | 1,2   | 1158,9           | 3906,9                               | 2,3                        | P E 170 1158,92 | T 71C4          | 21,0                                      |      |
|                                     | 1,2   | 1183,2           | 3905,3                               | 1,5                        | P E 150 1183,21 | T 80A4          | 16,0                                      |      |
|                                     | 1,2   | 766,5            | 3905,3                               | 1,5                        | P E 150 766,52  | T 80B6          | 16,0                                      |      |
|                                     | 1,2   | 780,3            | 3969,1                               | 0,9                        | P E 125 780,26  | T 80B6          | 10,5                                      |      |
|                                     | 1,2   | 1183,2           | 4004,9                               | 1,5                        | P E 150 1183,21 | T 71C4          | 16,0                                      |      |
|                                     | 1,2   | 811,3            | 4111,3                               | 2,2                        | P E 170 811,25  | T 80B6          | 21,0                                      |      |
|                                     | 1,1   | 817,4            | 4143,1                               | 1,0                        | P E 132 817,42  | T 80B6          | 12,0                                      |      |
|                                     | 1,1   | 1268,2           | 4184,4                               | 3,0                        | P E 190 1268,2  | T 80A4          | 27,0                                      |      |
|                                     | 1,1   | 824,1            | 4184,4                               | 3,0                        | P E 190 824,12  | T 80B6          | 27,0                                      |      |
|                                     | 1,1   | 1268,2           | 4184,3                               | 2,2                        | P E 170 1268,2  | T 80A4          | 21,0                                      |      |
|                                     | 1,1   | 831,2            | 4219,9                               | 1,4                        | P E 150 831,21  | T 80B6          | 16,0                                      |      |
|                                     | 1,1   | 1268,2           | 4296,9                               | 2,9                        | P E 190 1268,2  | T 71C4          | 27,0                                      |      |
|                                     | 1,1   | 1268,2           | 4296,9                               | 2,1                        | P E 170 1268,2  | T 71C4          | 21,0                                      |      |
|                                     | 1,1   | 1294,8           | 4296,9                               | 1,4                        | P E 150 1294,77 | T 80A4          | 16,0                                      |      |
|                                     | 1,1   | 1294,8           | 4376,7                               | 1,4                        | P E 150 1294,77 | T 71C4          | 16,0                                      |      |
|                                     | 1,1   | 870,6            | 4417,7                               | 1,4                        | P E 150 870,64  | T 80B6          | 16,0                                      |      |
|                                     | 1,1   | 879,8            | 4458,5                               | 2,8                        | P E 190 879,75  | T 80B6          | 27,0                                      |      |
|                                     | 1,1   | 879,8            | 4459,5                               | 2,0                        | P E 170 879,75  | T 80B6          | 21,0                                      |      |
|                                     | 1,0   | 905,7            | 4592,9                               | 0,9                        | P E 132 905,66  | T 80B6          | 12,0                                      |      |
|                                     | 1,0   | 1395,7           | 4635,9                               | 2,7                        | P E 190 1395,69 | T 80A4          | 27,0                                      |      |
|                                     | 1,0   | 1395,7           | 4634,8                               | 1,9                        | P E 170 1395,69 | T 80A4          | 21,0                                      |      |
|                                     | 1,0   | 1395,7           | 4728,3                               | 2,6                        | P E 190 1395,69 | T 71C4          | 27,0                                      |      |
|                                     | 1,0   | 1395,7           | 4727,8                               | 1,9                        | P E 170 1395,69 | T 71C4          | 21,0                                      |      |
|                                     | 1,0   | 1424,9           | 4727,8                               | 1,3                        | P E 150 1424,94 | T 80A4          | 16,0                                      |      |
|                                     | 1,0   | 948,1            | 4824,6                               | 1,2                        | P E 150 948,12  | T 80B6          | 16,0                                      |      |
|                                     | 1,0   | 1424,9           | 4824,6                               | 1,2                        | P E 150 1424,94 | T 71C4          | 16,0                                      |      |
|                                     | 1,0   | 958,0            | 4872,4                               | 2,6                        | P E 190 958,04  | T 80B6          | 27,0                                      |      |
|                                     | 1,0   | 981,4            | 4974,9                               | 1,8                        | P E 170 981,35  | T 80B6          | 21,0                                      |      |
|                                     | 0,92  | 1546,4           | 5138,3                               | 2,4                        | P E 190 1546,36 | T 80A4          | 27,0                                      |      |
|                                     | 0,92  | 1546,4           | 5140,2                               | 1,8                        | P E 170 1546,36 | T 80A4          | 21,0                                      |      |
|                                     | 0,91  | 1546,4           | 5196,5                               | 2,4                        | P E 190 1546,36 | T 71C4          | 27,0                                      |      |
|                                     | 0,91  | 1546,4           | 5194,1                               | 1,7                        | P E 170 1546,36 | T 71C4          | 21,0                                      |      |
|                                     | 0,91  | 1578,8           | 5196,9                               | 1,2                        | P E 150 1578,76 | T 80A4          | 16,0                                      |      |
|                                     | 0,90  | 1037,5           | 5254,8                               | 1,1                        | P E 150 1037,52 | T 80B6          | 16,0                                      |      |
|                                     | 0,55  | 0,89             | 1578,8                               | 5314,0                     | 1,1             | P E 150 1578,76 | T 71C4                                    | 16,0 |





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|--------|---|
| <b>0,55</b>                         | 0.87  | 1064.2           | 5434.8                                | 2.3                        | P E 190 1064.22 | T 80B6 | 27.0                                      |
|                                     | 0.87  | 1064.2           | 5433.6                                | 1.7                        | P E 170 1064.22 | T 80B6 | 21.0                                      |
|                                     | 0.80  | 1158.9           | 5911.4                                | 2.1                        | P E 190 1158.92 | T 80B6 | 27.0                                      |
|                                     | 0.80  | 1158.9           | 5906.9                                | 1.5                        | P E 170 1158.92 | T 80B6 | 21.0                                      |
|                                     | 0.79  | 1183.2           | 5989.1                                | 1.0                        | P E 150 1183.21 | T 80B6 | 16.0                                      |
|                                     | 0.73  | 1268.2           | 6473.6                                | 1.9                        | P E 190 1268.2  | T 80B6 | 27.0                                      |
|                                     | 0.73  | 1268.2           | 6479.1                                | 1.4                        | P E 170 1268.2  | T 80B6 | 21.0                                      |
|                                     | 0.72  | 1294.8           | 6560.6                                | 0.9                        | P E 150 1294.77 | T 80B6 | 16.0                                      |
|                                     | 0.67  | 1395.7           | 7058.5                                | 1.8                        | P E 190 1395.69 | T 80B6 | 27.0                                      |
|                                     | 0.67  | 1395.7           | 7051.3                                | 1.3                        | P E 170 1395.69 | T 80B6 | 21.0                                      |
|                                     | 0.65  | 1424.9           | 7268.7                                | 0.8                        | P E 150 1424.94 | T 80B6 | 16.0                                      |
|                                     | 0.60  | 1546.4           | 7875.1                                | 1.6                        | P E 190 1546.36 | T 80B6 | 27.0                                      |
|                                     | 0.60  | 1546.4           | 7882.2                                | 1.1                        | P E 170 1546.36 | T 80B6 | 21.0                                      |
|                                     | 0.59  | 1578.8           | 8009.7                                | 0.7                        | P E 150 1578.76 | T 80B6 | 16.0                                      |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|--------|---|
|                                     | 310.0   | 3.0              | 22.0                                 | 3.9                        | P - 63 2 3     | T 90S6 | 5.6                                       |
|                                     | 306.7   | 3.0              | 22.2                                 | 3.8                        | P - 63 2 3     | T 80C6 | 5.6                                       |
|                                     | 235.9   | 3.9              | 28.8                                 | 4.0                        | P - 63 2 3.9   | T 80C6 | 5.6                                       |
|                                     | 166.3   | 17.2             | 40.1                                 | 2.2                        | P L 25 3 17.2  | T 80A2 | 4.0                                       |
|                                     | 163.4   | 17.2             | 40.8                                 | 2.2                        | P L 25 3 17.2  | T 71C2 | 4.0                                       |
|                                     | 150.0   | 6.2              | 45.4                                 | 3.9                        | P - 63 2 6.2   | T 90S6 | 5.6                                       |
|                                     | 148.4   | 6.2              | 45.9                                 | 3.8                        | P - 63 2 6.2   | T 80C6 | 5.6                                       |
|                                     | 143.1   | 6.5              | 47.5                                 | 3.9                        | P - 63 2 6.5   | T 90S6 | 5.6                                       |
|                                     | 141.5   | 6.5              | 48.1                                 | 3.8                        | P - 63 2 6.5   | T 80C6 | 5.6                                       |
|                                     | 140.2   | 20.4             | 47.5                                 | 1.9                        | P L 25 3 20.4  | T 80A2 | 4.0                                       |
|                                     | 137.8   | 20.4             | 48.4                                 | 1.9                        | P L 25 3 20.4  | T 71C2 | 4.0                                       |
|                                     | 125.7   | 7.4              | 54.1                                 | 3.5                        | P - 63 2 7.4   | T 90S6 | 5.6                                       |
|                                     | 124.3   | 7.4              | 54.7                                 | 3.5                        | P - 63 2 7.4   | T 80C6 | 5.6                                       |
|                                     | 120.2   | 23.8             | 55.4                                 | 1.6                        | P L 25 3 23.8  | T 80A2 | 4.0                                       |
|                                     | 118.7   | 24.1             | 57.3                                 | 3.7                        | P - 63 2 24.1  | T 80A2 | 5.6                                       |
|                                     | 118.1   | 23.8             | 56.4                                 | 1.6                        | P L 25 3 23.8  | T 71C2 | 4.0                                       |
|                                     | 116.6   | 24.1             | 58.4                                 | 3.6                        | P - 63 2 24.1  | T 71C2 | 5.6                                       |
|                                     | 116.3   | 8.0              | 58.5                                 | 3.7                        | P - 63 2 8     | T 90S6 | 5.6                                       |
|                                     | 115.0   | 8.0              | 59.2                                 | 3.6                        | P - 63 2 8     | T 80C6 | 5.6                                       |
|                                     | 109.6   | 26.1             | 62.1                                 | 3.5                        | P - 63 2 26.1  | T 80A2 | 5.6                                       |
|                                     | 107.7   | 26.1             | 63.2                                 | 3.5                        | P - 63 2 26.1  | T 71C2 | 5.6                                       |
|                                     | 105.9   | 13.5             | 64.2                                 | 3.9                        | P - 63 2 13.5  | T 80B4 | 5.6                                       |
|                                     | 104.4   | 27.4             | 63.8                                 | 1.4                        | P L 25 3 27.4  | T 80A2 | 4.0                                       |
|                                     | 103.3   | 9.0              | 65.8                                 | 3.5                        | P - 63 2 9     | T 90S6 | 5.6                                       |
|                                     | 102.6   | 27.4             | 65.0                                 | 1.4                        | P L 25 3 27.4  | T 71C2 | 4.0                                       |
|                                     | 102.2   | 9.0              | 66.6                                 | 3.5                        | P - 63 2 9     | T 80C6 | 5.6                                       |
|                                     | 99.7  | 28.7             | 66.9                                 | 3.4                        | P L 45 3 28.7  | T 80A2 | 6.5                                       |
|                                     | 99.3  | 14.4             | 68.5                                 | 3.2                        | P - 63 2 14.4  | T 80B4 | 5.6                                       |
|                                     | 97.9  | 28.7             | 68.0                                 | 3.3                        | P L 45 3 28.7  | T 71C2 | 6.5                                       |
|                                     | 90.2  | 31.7             | 75.4                                 | 2.9                        | P - 63 2 31.7  | T 80A2 | 5.6                                       |
|                                     | 89.4  | 10.4             | 76.1                                 | 3.2                        | P - 63 2 10.4  | T 90S6 | 5.6                                       |
|                                     | 89.4  | 32.0             | 74.5                                 | 3.0                        | P L 45 3 32    | T 80A2 | 6.5                                       |
|                                     | 89.4  | 32.0             | 74.5                                 | 1.2                        | P L 25 3 32    | T 80A2 | 4.0                                       |
|                                     | 88.6  | 31.7             | 76.8                                 | 2.9                        | P - 63 2 31.7  | T 71C2 | 5.6                                       |
|                                     | 88.5  | 10.4             | 76.9                                 | 3.1                        | P - 63 2 10.4  | T 80C6 | 5.6                                       |
|                                     | 87.8  | 32.0             | 75.8                                 | 3.0                        | P L 45 3 32    | T 71C2 | 6.5                                       |
|                                     | 87.8  | 32.0             | 75.8                                 | 1.2                        | P L 25 3 32    | T 71C2 | 4.0                                       |
|                                     | 84.6  | 16.9             | 80.4                                 | 3.1                        | P - 63 2 16.9  | T 80B4 | 5.6                                       |
|                                     | 83.1  | 17.2             | 80.1                                 | 1.2                        | P L 25 3 17.2  | T 80B4 | 4.0                                       |
|                                     | 78.8  | 11.8             | 86.3                                 | 3.0                        | P - 63 2 11.8  | T 90S6 | 5.6                                       |
|                                     | 78.1  | 36.6             | 87.1                                 | 2.6                        | P - 63 2 36.6  | T 80A2 | 5.6                                       |
|                                     | 78.0  | 11.8             | 87.3                                 | 2.9                        | P - 63 2 11.8  | T 80C6 | 5.6                                       |
|                                     | 77.5  | 36.9             | 86.0                                 | 1.0                        | P L 25 3 36.9  | T 80A2 | 4.0                                       |
|                                     | 76.8  | 36.6             | 88.6                                 | 2.5                        | P - 63 2 36.6  | T 71C2 | 5.6                                       |
|                                     | 76.2  | 36.9             | 87.4                                 | 1.0                        | P L 25 3 36.9  | T 71C2 | 4.0                                       |
|                                     | 75.6  | 12.3             | 90.0                                 | 3.4                        | P - 71 2 12.3  | T 90S6 | 7.5                                       |
|                                     | 74.8  | 12.3             | 91.0                                 | 3.4                        | P - 71 2 12.3  | T 80C6 | 7.5                                       |
|                                     | 72.2  | 19.8             | 94.2                                 | 2.7                        | P - 63 2 19.8  | T 80B4 | 5.6                                       |
|                                     | 70.6  | 40.5             | 96.4                                 | 2.3                        | P - 63 2 40.5  | T 80A2 | 5.6                                       |
|                                     | 70.1  | 20.4             | 95.1                                 | 1.1                        | P L 25 3 20.4  | T 80B4 | 4.0                                       |
|                                     | 69.9  | 40.9             | 95.2                                 | 2.4                        | P L 45 3 40.9  | T 80A2 | 6.5                                       |
|                                     | 69.8  | 20.5             | 97.5                                 | 2.4                        | P - 63 2 20.5  | T 80B4 | 5.6                                       |
|                                     | 69.4  | 40.5             | 98.1                                 | 2.2                        | P - 63 2 40.5  | T 71C2 | 5.6                                       |
|                                     | 68.9  | 13.5             | 98.8                                 | 2.6                        | P - 63 2 13.5  | T 90S6 | 5.6                                       |
|                                     | 68.7  | 40.9             | 97.0                                 | 2.3                        | P L 45 3 40.9  | T 71C2 | 6.5                                       |
|                                     | 68.2  | 13.5             | 99.9                                 | 2.6                        | P - 63 2 13.5  | T 80C6 | 5.6                                       |
|                                     | 67.1  | 42.6             | 99.3                                 | 0.9                        | P L 25 3 42.6  | T 80A2 | 4.0                                       |
|                                     | 66.0  | 42.6             | 101.0                                | 0.9                        | P L 25 3 42.6  | T 71C2 | 4.0                                       |
|                                     | 65.9  | 43.4             | 101.1                                | 2.2                        | P - 63 3 43.4  | T 80A2 | 4.0                                       |
|                                     | 64.8  | 43.4             | 102.9                                | 2.1                        | P - 63 3 43.4  | T 71C2 | 4.0                                       |
|                                     | 64.6  | 14.4             | 105.4                                | 2.2                        | P - 63 2 14.4  | T 90S6 | 5.6                                       |
|                                     | 64.0  | 44.7             | 106.3                                | 3.8                        | P - 71 2 44.7  | T 80A2 | 7.5                                       |
|                                     | 63.9  | 14.4             | 106.5                                | 2.2                        | P - 63 2 14.4  | T 80C6 | 5.6                                       |
|                                     | 63.3  | 45.2             | 107.6                                | 2.0                        | P - 63 2 45.2  | T 80A2 | 5.6                                       |
|                                     | 62.9  | 44.7             | 108.3                                | 3.7                        | P - 71 2 44.7  | T 71C2 | 7.5                                       |
|                                     | 62.6  | 45.7             | 106.5                                | 2.1                        | P L 45 3 45.7  | T 80A2 | 6.5                                       |
|                                     | 62.2  | 45.2             | 109.4                                | 2.0                        | P - 63 2 45.2  | T 71C2 | 5.6                                       |
|                                     | 61.5  | 45.7             | 108.3                                | 2.1                        | P L 45 3 45.7  | T 71C2 | 6.5                                       |
|                                     | 60.9  | 47.0             | 109.5                                | 1.8                        | P - 63 3 47    | T 80A2 | 4.0                                       |
|                                     | 60.1  | 23.8             | 110.9                                | 0.9                        | P L 25 3 23.8  | T 80B4 | 4.0                                       |
|                                     | 59.8  | 47.0             | 111.4                                | 1.8                        | P - 63 3 47    | T 71C2 | 4.0                                       |
|                                     | 59.4  | 48.1             | 114.5                                | 3.9                        | P - 80 2 48.14 | T 80A2 | 7.5                                       |
|                                     | 59.3  | 24.1             | 114.7                                | 2.0                        | P - 63 2 24.1  | T 80B4 | 5.6                                       |
|                                     | 56.6  | 50.5             | 120.1                                | 3.3                        | P - 71 2 50.5  | T 80A2 | 7.5                                       |
|                                     | 56.5  | 25.3             | 120.4                                | 3.4                        | P - 71 2 25.3  | T 80B4 | 7.5                                       |
|                                     | 56.2  | 50.9             | 121.0                                | 2.6                        | P - 80 2 50.87 | T 80A2 | 7.5                                       |
|                                     | 55.6  | 50.5             | 122.3                                | 3.3                        | P - 71 2 50.5  | T 71C2 | 7.5                                       |
|                                     | 55.0  | 16.9             | 123.6                                | 2.1                        | P - 63 2 16.9  | T 90S6 | 5.6                                       |
|                                     | 54.8  | 26.1             | 124.2                                | 1.9                        | P - 63 2 26.1  | T 80B4 | 5.6                                       |
|                                     | 54.4  | 16.9             | 125.0                                | 2.0                        | P - 63 2 16.9  | T 80C6 | 5.6                                       |
|                                     | 54.2  | 52.8             | 123.0                                | 1.8                        | P L 45 3 52.8  | T 80A2 | 6.5                                       |
|                                     | 53.8  | 17.3             | 126.6                                | 3.8                        | P - 71 2 17.3  | T 90S6 | 7.5                                       |
|                                     | 53.7  | 53.3             | 124.2                                | 1.8                        | P - 63 3 53.3  | T 80A2 | 4.0                                       |
|                                     | 53.5  | 17.2             | 124.6                                | 0.9                        | P L 25 3 17.2  | T 80C6 | 4.0                                       |
|                                     | 53.5  | 53.5             | 124.6                                | 3.4                        | P - 71 3 53.5  | T 80A2 | 5.4                                       |
|                                     | 53.2  | 52.8             | 125.2                                | 1.8                        | P L 45 3 52.8  | T 71C2 | 6.5                                       |
|                                     | 53.2  | 17.3             | 127.9                                | 3.8                        | P - 71 2 17.3  | T 80C6 | 7.5                                       |
|                                     | 52.7  | 53.3             | 126.3                                | 1.7                        | P - 63 3 53.3  | T 71C2 | 4.0                                       |
|                                     | 52.5  | 53.5             | 126.8                                | 3.3                        | P - 71 3 53.5  | T 71C2 | 5.4                                       |
|                                     | 52.2  | 27.4             | 127.6                                | 0.8                        | P L 25 3 27.4  | T 80B4 | 4.0                                       |
|                                     | 52.2  | 54.8             | 127.6                                | 0.7                        | P L 25 3 54.8  | T 80A2 | 4.0                                       |
|                                     | 51.5  | 55.5             | 132.1                                | 2.4                        | P - 80 2 55.49 | T 80A2 | 7.5                                       |
|                                     | 50.0  | 57.2             | 133.2                                | 1.7                        | P - 63 3 57.2  | T 80A2 | 4.0                                       |
|                                     | 49.8  | 28.7             | 133.6                                | 1.9                        | P L 45 3 28.7  | T 80B4 | 6.5                                       |
|                                     | 49.7  | 18.7             | 136.8                                | 3.5                        | P - 71 2 18.7  | T 90S6 | 7.5                                       |

0,75



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|--------|---|
| 0,75                                | 49.7  | 28.8             | 137.1                                | 3.4                        | P - 71 2 28.8  | T 80B4 | 7.5                                       |
|                                     | 49.2  | 18.7             | 138.3                                | 3.5                        | P - 71 2 18.7  | T 80C6 | 7.5                                       |
|                                     | 49.1  | 57.2             | 135.6                                | 1.7                        | P - 63 3 57.2  | T 71C2 | 4.0                                       |
|                                     | 47.6  | 60.1             | 139.9                                | 1.6                        | P L 45 3 60.1  | T 80A2 | 6.5                                       |
|                                     | 47.0  | 60.8             | 141.6                                | 3.0                        | P - 71 3 60.8  | T 80A2 | 5.4                                       |
|                                     | 47.0  | 19.8             | 144.9                                | 1.8                        | P - 63 2 19.8  | T 90S6 | 5.6                                       |
|                                     | 46.8  | 60.1             | 142.4                                | 1.6                        | P L 45 3 60.1  | T 71C2 | 6.5                                       |
|                                     | 46.5  | 19.8             | 146.4                                | 1.7                        | P - 63 2 19.8  | T 80C6 | 5.6                                       |
|                                     | 46.3  | 61.8             | 147.0                                | 2.1                        | P - 80 2 61.79 | T 80A2 | 7.5                                       |
|                                     | 46.3  | 61.8             | 144.0                                | 1.6                        | P - 63 3 61.8  | T 80A2 | 4.0                                       |
|                                     | 46.2  | 60.8             | 144.1                                | 2.9                        | P - 71 3 60.8  | T 71C2 | 5.4                                       |
|                                     | 46.0  | 20.2             | 147.8                                | 3.2                        | P - 71 2 20.2  | T 90S6 | 7.5                                       |
|                                     | 45.5  | 20.2             | 149.4                                | 3.2                        | P - 71 2 20.2  | T 80C6 | 7.5                                       |
|                                     | 45.5  | 61.8             | 146.4                                | 1.6                        | P - 63 3 61.8  | T 71C2 | 4.0                                       |
|                                     | 45.4  | 20.5             | 150.0                                | 1.6                        | P - 63 2 20.5  | T 90S6 | 5.6                                       |
|                                     | 45.1  | 31.7             | 150.9                                | 1.6                        | P - 63 2 31.7  | T 80B4 | 5.6                                       |
|                                     | 45.1  | 20.4             | 147.6                                | 0.7                        | P L 25 3 20.4  | T 80C6 | 4.0                                       |
|                                     | 44.9  | 20.5             | 151.6                                | 1.6                        | P - 63 2 20.5  | T 80C6 | 5.6                                       |
|                                     | 44.7  | 32.0             | 149.0                                | 1.7                        | P L 45 3 32    | T 80B4 | 6.5                                       |
|                                     | 44.6  | 64.2             | 149.5                                | 2.8                        | P - 71 3 64.2  | T 80A2 | 5.4                                       |
|                                     | 44.4  | 64.4             | 150.0                                | 3.6                        | P L 65 3 64.4  | T 80A2 | 8.0                                       |
|                                     | 44.3  | 32.3             | 150.5                                | 4.0                        | P L 65 3 32.3  | T 80B4 | 8.0                                       |
|                                     | 43.8  | 64.2             | 152.2                                | 2.8                        | P - 71 3 64.2  | T 71C2 | 5.4                                       |
|                                     | 43.6  | 64.4             | 152.7                                | 3.5                        | P L 65 3 64.4  | T 71C2 | 8.0                                       |
|                                     | 43.2  | 33.1             | 157.5                                | 2.6                        | P - 71 2 33.1  | T 80B4 | 7.5                                       |
|                                     | 42.5  | 21.9             | 160.2                                | 3.0                        | P - 71 2 21.9  | T 90S6 | 7.5                                       |
|                                     | 42.0  | 21.9             | 161.9                                | 3.0                        | P - 71 2 21.9  | T 80C6 | 7.5                                       |
|                                     | 41.1  | 34.8             | 165.6                                | 3.6                        | P - 80 2 34.79 | T 80B4 | 7.5                                       |
|                                     | 41.1  | 69.6             | 162.2                                | 1.5                        | P - 63 3 69.6  | T 80A2 | 4.0                                       |
|                                     | 40.5  | 70.6             | 164.5                                | 1.4                        | P L 45 3 70.6  | T 80A2 | 6.5                                       |
|                                     | 40.4  | 69.6             | 165.0                                | 1.5                        | P - 63 3 69.6  | T 71C2 | 4.0                                       |
|                                     | 39.8  | 70.6             | 167.4                                | 1.3                        | P L 45 3 70.6  | T 71C2 | 6.5                                       |
|                                     | 39.1  | 36.6             | 174.1                                | 1.4                        | P - 63 2 36.6  | T 80B4 | 5.6                                       |
|                                     | 38.9  | 23.9             | 174.8                                | 3.7                        | P - 80 2 23.89 | T 90S6 | 7.5                                       |
|                                     | 38.6  | 24.1             | 176.3                                | 1.4                        | P - 63 2 24.1  | T 90S6 | 5.6                                       |
|                                     | 38.5  | 23.9             | 176.7                                | 3.7                        | P - 80 2 23.89 | T 80C6 | 7.5                                       |
|                                     | 38.4  | 74.4             | 173.3                                | 3.1                        | P L 65 3 74.4  | T 80A2 | 8.0                                       |
|                                     | 38.3  | 37.3             | 177.4                                | 2.3                        | P - 71 2 37.3  | T 80B4 | 7.5                                       |
|                                     | 38.2  | 24.1             | 178.2                                | 1.4                        | P - 63 2 24.1  | T 80C6 | 5.6                                       |
|                                     | 38.0  | 37.6             | 175.2                                | 3.4                        | P L 65 3 37.6  | T 80B4 | 8.0                                       |
|                                     | 37.9  | 75.4             | 175.6                                | 2.4                        | P - 71 3 75.4  | T 80A2 | 5.4                                       |
|                                     | 37.9  | 75.4             | 175.6                                | 1.4                        | P - 63 3 75.4  | T 80A2 | 4.0                                       |
|                                     | 37.8  | 74.4             | 176.4                                | 3.1                        | P L 65 3 74.4  | T 71C2 | 8.0                                       |
|                                     | 37.7  | 38.0             | 180.6                                | 3.3                        | P - 80 2 37.95 | T 80B4 | 7.5                                       |
|                                     | 37.3  | 75.4             | 178.8                                | 2.3                        | P - 71 3 75.4  | T 71C2 | 5.4                                       |
|                                     | 37.3  | 75.4             | 178.7                                | 1.3                        | P - 63 3 75.4  | T 71C2 | 4.0                                       |
|                                     | 36.8  | 25.3             | 185.1                                | 2.2                        | P - 71 2 25.3  | T 90S6 | 7.5                                       |
|                                     | 36.4  | 25.3             | 187.2                                | 2.2                        | P - 71 2 25.3  | T 80C6 | 7.5                                       |
|                                     | 36.2  | 39.5             | 184.0                                | 2.5                        | P - 71 3 39.5  | T 80B4 | 5.4                                       |
|                                     | 36.1  | 39.6             | 188.6                                | 2.7                        | P - 80 2 39.63 | T 80B4 | 7.5                                       |
| 35.6                                | 26.1  | 190.9            | 1.3                                  | P - 63 2 26.1              | T 90S6         | 5.6    |   |
| 35.4                                | 40.4  | 192.2            | 3.7                                  | P - 90 2 40.4              | T 80B4         | 10.5   |   |
| 35.4                                | 26.3  | 192.5            | 3.4                                  | P - 80 2 26.3              | T 90S6         | 7.5    |   |
| 35.3                                | 40.5  | 192.7            | 1.2                                  | P - 63 2 40.5              | T 80B4         | 5.6    |   |
| 35.3                                | 26.1  | 193.1            | 1.3                                  | P - 63 2 26.1              | T 80C6         | 5.6    |   |
| 35.2                                | 26.4  | 189.1            | 3.4                                  | P L 65 3 26.4              | T 90S6         | 8.0    |   |
| 35.1                                | 81.4  | 189.5            | 1.3                                  | P - 63 3 81.4              | T 80A2         | 4.0    |   |
| 35.0                                | 26.3  | 194.5            | 3.4                                  | P - 80 2 26.3              | T 80C6         | 7.5    |   |
| 35.0                                | 40.9  | 190.5            | 1.3                                  | P L 45 3 40.9              | T 80B4         | 6.5    |   |
| 34.9                                | 26.4  | 191.1            | 3.4                                  | P L 65 3 26.4              | T 80C6         | 8.0    |   |
| 34.5                                | 81.4  | 192.9            | 1.2                                  | P - 63 3 81.4              | T 71C2         | 4.0    |   |
| 33.9                                | 42.3  | 201.0            | 2.5                                  | P - 80 2 42.25             | T 80B4         | 7.5    |   |
| 33.5                                | 85.4  | 198.9            | 2.7                                  | P L 65 3 85.4              | T 80A2         | 8.0    |   |
| 33.4                                | 85.7  | 199.7            | 1.1                                  | P L 45 3 85.7              | T 80A2         | 6.5    |   |
| 33.0                                | 86.8  | 202.2            | 2.1                                  | P - 71 3 86.8              | T 80A2         | 5.4    |   |
| 33.0                                | 43.4  | 202.3            | 1.2                                  | P - 63 3 43.4              | T 80B4         | 4.0    |   |
| 32.9                                | 85.4  | 202.5            | 2.7                                  | P L 65 3 85.4              | T 71C2         | 8.0    |   |
| 32.8                                | 85.7  | 203.1            | 1.1                                  | P L 45 3 85.7              | T 71C2         | 6.5    |   |
| 32.8                                | 28.4  | 207.6            | 3.1                                  | P - 80 2 28.38             | T 90S6         | 7.5    |   |
| 32.4                                | 28.4  | 209.9            | 3.1                                  | P - 80 2 28.38             | T 80C6         | 7.5    |   |
| 32.4                                | 28.7  | 205.6            | 1.3                                  | P L 45 3 28.7              | T 90S6         | 6.5    |   |
| 32.4                                | 86.8  | 205.7            | 2.0                                  | P - 71 3 86.8              | T 71C2         | 5.4    |   |
| 32.4                                | 88.4  | 205.9            | 1.2                                  | P - 63 3 88.4              | T 80A2         | 4.0    |   |
| 32.3                                | 28.8  | 210.8            | 2.2                                  | P - 71 2 28.8              | T 90S6         | 7.5    |   |
| 32.1                                | 28.7  | 207.7            | 1.3                                  | P L 45 3 28.7              | T 80C6         | 6.5    |   |
| 32.0                                | 44.7  | 212.7            | 2.2                                  | P - 71 2 44.7              | T 80B4         | 7.5    |   |
| 31.9                                | 28.8  | 213.1            | 2.2                                  | P - 71 2 28.8              | T 80C6         | 7.5    |   |
| 31.8                                | 88.4  | 209.5            | 1.1                                  | P - 63 3 88.4              | T 71C2         | 4.0    |   |
| 31.6                                | 45.2  | 215.1            | 1.1                                  | P - 63 2 45.2              | T 80B4         | 5.6    |   |
| 31.3                                | 45.7  | 212.8            | 1.2                                  | P L 45 3 45.7              | T 80B4         | 6.5    |   |
| 31.3                                | 91.5  | 213.1            | 2.0                                  | P - 71 3 91.5              | T 80A2         | 5.4    |   |
| 31.1                                | 46.0  | 214.3            | 2.8                                  | P L 65 3 46                | T 80B4         | 8.0    |   |
| 30.9                                | 30.2  | 220.5            | 3.0                                  | P - 80 2 30.15             | T 90S6         | 7.5    |   |
| 30.7                                | 91.5  | 216.9            | 1.9                                  | P - 71 3 91.5              | T 71C2         | 5.4    |   |
| 30.7                                | 93.3  | 217.3            | 3.7                                  | P - 90 3 93.3              | T 80A2         | 7.5    |   |
| 30.5                                | 30.2  | 223.0            | 2.9                                  | P - 80 2 30.15             | T 80C6         | 7.5    |   |
| 30.4                                | 47.0  | 218.8            | 1.1                                  | P - 63 3 47                | T 80B4         | 4.0    |   |
| 30.1                                | 93.3  | 221.2            | 3.6                                  | P - 90 3 93.3              | T 71C2         | 7.5    |   |
| 29.7                                | 48.1  | 229.1            | 2.2                                  | P - 80 2 48.14             | T 80B4         | 7.5    |   |
| 29.3                                | 31.7  | 232.1            | 1.1                                  | P - 63 2 31.7              | T 90S6         | 5.6    |   |
| 29.1                                | 32.0  | 229.3            | 1.2                                  | P L 45 3 32                | T 90S6         | 6.5    |   |
| 29.0                                | 31.7  | 234.4            | 1.1                                  | P - 63 2 31.7              | T 80C6         | 5.6    |   |
| 28.9                                | 98.9  | 230.5            | 1.0                                  | P - 63 3 98.9              | T 80A2         | 4.0    |   |
| 28.9                                | 99.0  | 230.5            | 2.3                                  | P L 65 3 99                | T 80A2         | 8.0    |   |
| 28.8                                | 99.3  | 231.3            | 1.8                                  | P - 71 3 99.3              | T 80A2         | 5.4    |   |



**CT17 IGBD 4.0**



0.75 kW

HIGH TECH line Motion

FAMCO هاپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 28.8  | 32.3             | 231.4                                 | 2.8                        | P L 65 3 32.3   | T 90S6  | 8.0                                       |
|                                     | 28.8  | 32.0             | 231.7                                 | 1.2                        | P L 45 3 32   | T 80C6  | 6.5                                       |
|                                     | 28.5  | 32.3             | 233.9                                 | 2.8                        | P L 65 3 32.3   | T 80C6  | 8.0                                       |
|                                     | 28.4  | 100.6            | 234.3                                 | 3.4                        | P - 90 3 100.6  | T 80A2  | 7.5                                       |
|                                     | 28.4  | 98.9             | 234.4                                 | 1.0                        | P - 63 3 98.9   | T 71C2  | 4.0                                       |
|                                     | 28.4  | 100.7            | 234.7                                 | 1.0                        | P L 45 3 100.7  | T 80A2  | 6.5                                       |
|                                     | 28.4  | 99.0             | 234.6                                 | 2.3                        | P L 65 3 99   | T 71C2  | 8.0                                       |
|                                     | 28.3  | 50.5             | 240.3                                 | 1.9                        | P - 71 2 50.5   | T 80B4  | 7.5                                       |
|                                     | 28.3  | 99.3             | 235.4                                 | 1.8                        | P - 71 3 99.3   | T 71C2  | 5.4                                       |
|                                     | 28.1  | 50.9             | 242.2                                 | 1.4                        | P - 80 2 50.87  | T 80B4  | 7.5                                       |
|                                     | 28.1  | 33.1             | 242.1                                 | 1.7                        | P - 71 2 33.1   | T 90S6  | 7.5                                       |
|                                     | 28.1  | 50.9             | 242.2                                 | 3.6                        | P - 90 2 50.9   | T 80B4  | 10.5                                      |
|                                     | 27.9  | 100.6            | 238.5                                 | 3.4                        | P - 90 3 100.6  | T 71C2  | 7.5                                       |
|                                     | 27.9  | 100.7            | 238.7                                 | 0.9                        | P L 45 3 100.7  | T 71C2  | 6.5                                       |
|                                     | 27.8  | 33.1             | 244.8                                 | 1.7                        | P - 71 2 33.1   | T 80C6  | 7.5                                       |
|                                     | 27.1  | 52.8             | 246.1                                 | 1.0                        | P L 45 3 52.8   | T 80B4  | 6.5                                       |
|                                     | 26.8  | 53.3             | 248.3                                 | 1.0                        | P - 63 3 53.3   | T 80B4  | 4.0                                       |
|                                     | 26.7  | 34.8             | 254.5                                 | 2.6                        | P - 80 2 34.79  | T 90S6  | 7.5                                       |
|                                     | 26.7  | 53.5             | 249.3                                 | 1.8                        | P - 71 3 53.5   | T 80B4  | 5.4                                       |
|                                     | 26.7  | 107.1            | 249.6                                 | 0.9                        | P L 45 3 107.1  | T 80A2  | 6.5                                       |
|                                     | 26.6  | 107.5            | 250.4                                 | 1.7                        | P - 71 3 107.5  | T 80A2  | 5.4                                       |
|                                     | 26.6  | 35.0             | 256.1                                 | 3.5                        | P - 90 2 35   | T 90S6  | 10.5                                      |
|                                     | 26.4  | 34.8             | 257.4                                 | 2.5                        | P - 80 2 34.79  | T 80C6  | 7.5                                       |
|                                     | 26.3  | 54.3             | 253.0                                 | 2.4                        | P L 65 3 54.3   | T 80B4  | 8.0                                       |
|                                     | 26.3  | 35.0             | 258.8                                 | 3.4                        | P - 90 2 35   | T 80C6  | 10.5                                      |
|                                     | 26.3  | 108.9            | 253.6                                 | 3.6                        | P - 90 3 108.9  | T 80A2  | 7.5                                       |
|                                     | 26.2  | 107.1            | 253.8                                 | 0.9                        | P L 45 3 107.1  | T 71C2  | 6.5                                       |
|                                     | 26.1  | 107.5            | 254.9                                 | 1.6                        | P - 71 3 107.5  | T 71C2  | 5.4                                       |
|                                     | 25.9  | 55.2             | 257.1                                 | 3.5                        | P - 90 3 55.2   | T 80B4  | 7.5                                       |
|                                     | 25.8  | 108.9            | 258.2                                 | 3.5                        | P - 90 3 108.9  | T 71C2  | 7.5                                       |
|                                     | 25.8  | 55.5             | 264.1                                 | 1.3                        | P - 80 2 55.49  | T 80B4  | 7.5                                       |
|                                     | 25.4  | 36.6             | 267.9                                 | 0.9                        | P - 63 2 36.6   | T 90S6  | 5.6                                       |
|                                     | 25.1  | 36.6             | 270.6                                 | 0.9                        | P - 63 2 36.6   | T 80C6  | 5.6                                       |
|                                     | 25.0  | 57.2             | 266.3                                 | 0.9                        | P - 63 3 57.2   | T 80B4  | 4.0                                       |
|                                     | 25.0  | 114.4            | 266.3                                 | 0.9                        | P - 63 3 114.4  | T 80A2  | 4.0                                       |
|                                     | 24.9  | 37.3             | 272.8                                 | 1.5                        | P - 71 2 37.3   | T 90S6  | 7.5                                       |
|                                     | 24.7  | 37.6             | 269.3                                 | 2.4                        | P L 65 3 37.6   | T 90S6  | 8.0                                       |
|                                     | 24.7  | 37.3             | 276.0                                 | 1.5                        | P - 71 2 37.3   | T 80C6  | 7.5                                       |
|                                     | 24.6  | 116.2            | 270.7                                 | 2.0                        | P L 65 3 116.2  | T 80A2  | 8.0                                       |
|                                     | 24.6  | 114.4            | 271.1                                 | 0.9                        | P - 63 3 114.4  | T 71C2  | 4.0                                       |
|                                     | 24.5  | 38.0             | 277.6                                 | 2.4                        | P - 80 2 37.95  | T 90S6  | 7.5                                       |
|                                     | 24.5  | 37.6             | 272.2                                 | 2.4                        | P L 65 3 37.6   | T 80C6  | 8.0                                       |
|                                     | 24.2  | 38.0             | 280.6                                 | 2.3                        | P - 80 2 37.95  | T 80C6  | 7.5                                       |
|                                     | 24.2  | 116.2            | 275.5                                 | 2.0                        | P L 65 3 116.2  | T 71C2  | 8.0                                       |
|                                     | 24.0  | 38.7             | 277.2                                 | 3.4                        | P - 90 3 38.7   | T 90S6  | 7.5                                       |
|                                     | 23.8  | 60.1             | 279.9                                 | 0.9                        | P L 45 3 60.1   | T 80B4  | 6.5                                       |
|                                     | 23.8  | 38.7             | 280.2                                 | 3.4                        | P - 90 3 38.7   | T 80C6  | 7.5                                       |
|                                     | 23.5  | 39.5             | 282.9                                 | 1.7                        | P - 71 3 39.5   | T 90S6  | 5.4                                       |
|                                     | 23.5  | 60.8             | 283.3                                 | 1.6                        | P - 71 3 60.8   | T 80B4  | 5.4                                       |
|                                     | 23.5  | 39.6             | 290.0                                 | 1.9                        | P - 80 2 39.63  | T 90S6  | 7.5                                       |
|                                     | 23.3  | 39.5             | 286.1                                 | 1.6                        | P - 71 3 39.5   | T 80C6  | 5.4                                       |
|                                     | 23.2  | 39.6             | 293.1                                 | 1.9                        | P - 80 2 39.63  | T 80C6  | 7.5                                       |
|                                     | 23.1  | 61.8             | 294.0                                 | 1.2                        | P - 80 2 61.79  | T 80B4  | 7.5                                       |
|                                     | 23.1  | 61.8             | 288.0                                 | 0.9                        | P - 63 3 61.8   | T 80B4  | 4.0                                       |
|                                     | 23.1  | 123.8            | 288.5                                 | 1.5                        | P - 71 3 123.8  | T 80A2  | 5.4                                       |
|                                     | 23.0  | 40.4             | 295.6                                 | 2.6                        | P - 90 2 40.4   | T 90S6  | 10.5                                      |
|                                     | 23.0  | 40.5             | 296.5                                 | 0.8                        | P - 63 2 40.5   | T 90S6  | 5.6                                       |
|                                     | 23.0  | 62.3             | 290.3                                 | 3.1                        | P - 90 3 62.3   | T 80B4  | 7.5                                       |
|                                     | 22.9  | 125.0            | 291.2                                 | 3.1                        | P - 90 3 125  | T 80A2  | 7.5                                       |
|                                     | 22.8  | 40.4             | 298.9                                 | 2.5                        | P - 90 2 40.4   | T 80C6  | 10.5                                      |
|                                     | 22.7  | 40.9             | 293.1                                 | 0.9                        | P L 45 3 40.9   | T 90S6  | 6.5                                       |
|                                     | 22.7  | 40.5             | 299.5                                 | 0.8                        | P - 63 2 40.5   | T 80C6  | 5.6                                       |
|                                     | 22.7  | 123.8            | 293.6                                 | 1.4                        | P - 71 3 123.8  | T 71C2  | 5.4                                       |
|                                     | 22.5  | 40.9             | 296.1                                 | 0.9                        | P L 45 3 40.9   | T 80C6  | 6.5                                       |
|                                     | 22.5  | 125.0            | 296.4                                 | 3.1                        | P - 90 3 125  | T 71C2  | 7.5                                       |
|                                     | 22.3  | 64.2             | 299.2                                 | 1.5                        | P - 71 3 64.2   | T 80B4  | 5.4                                       |
|                                     | 22.2  | 64.4             | 300.0                                 | 2.0                        | P L 65 3 64.4   | T 80B4  | 8.0                                       |
|                                     | 22.0  | 42.3             | 309.1                                 | 1.8                        | P - 80 2 42.25  | T 90S6  | 7.5                                       |
|                                     | 21.8  | 42.3             | 312.4                                 | 1.7                        | P - 80 2 42.25  | T 80C6  | 7.5                                       |
|                                     | 21.6  | 132.7            | 309.1                                 | 0.7                        | P L 45 3 132.7  | T 80A2  | 6.5                                       |
|                                     | 21.3  | 134.3            | 312.8                                 | 1.3                        | P - 71 3 134.3  | T 80A2  | 5.4                                       |
|                                     | 21.3  | 43.7             | 313.1                                 | 3.0                        | P - 90 3 43.7   | T 90S6  | 7.5                                       |
|                                     | 21.2  | 43.4             | 314.1                                 | 0.8                        | P - 63 3 43.4   | T 80C6  | 4.0                                       |
|                                     | 21.2  | 132.7            | 314.2                                 | 0.7                        | P L 45 3 132.7  | T 71C2  | 6.5                                       |
|                                     | 21.1  | 135.4            | 315.2                                 | 0.8                        | P - 63 3 135.4  | T 80A2  | 4.0                                       |
|                                     | 21.1  | 44.1             | 322.7                                 | 2.9                        | P - 90 2 44.1   | T 90S6  | 10.5                                      |
|                                     | 21.1  | 43.7             | 316.4                                 | 3.0                        | P - 90 3 43.7   | T 80C6  | 7.5                                       |
|                                     | 20.9  | 134.3            | 318.5                                 | 1.3                        | P - 71 3 134.3  | T 71C2  | 5.4                                       |
|                                     | 20.9  | 136.8            | 318.5                                 | 3.4                        | P L 85 3 136.8  | T 80A2  | 11.0                                      |
|                                     | 20.9  | 44.1             | 326.2                                 | 2.9                        | P - 90 2 44.1   | T 80C6  | 10.5                                      |
|                                     | 20.8  | 44.7             | 327.0                                 | 1.4                        | P - 71 2 44.7   | T 90S6  | 7.5                                       |
|                                     | 20.8  | 135.4            | 320.9                                 | 0.7                        | P - 63 3 135.4  | T 71C2  | 4.0                                       |
|                                     | 20.6  | 138.8            | 323.2                                 | 1.7                        | P L 65 3 138.8  | T 80A2  | 8.0                                       |
|                                     | 20.6  | 44.7             | 330.8                                 | 1.4                        | P - 71 2 44.7   | T 80C6  | 7.5                                       |
|                                     | 20.6  | 69.6             | 324.4                                 | 0.8                        | P - 63 3 69.6   | T 80B4  | 4.0                                       |
|                                     | 20.5  | 136.8            | 324.3                                 | 3.3                        | P L 85 3 136.8  | T 71C2  | 11.0                                      |
|                                     | 20.4  | 45.7             | 327.1                                 | 0.8                        | P L 45 3 45.7   | T 90S6  | 6.5                                       |
|                                     | 20.3  | 141.0            | 328.4                                 | 2.8                        | P - 90 3 141  | T 80A2  | 7.5                                       |
|                                     | 20.3  | 70.6             | 328.9                                 | 2.8                        | P - 90 3 70.6   | T 80B4  | 7.5                                       |
|                                     | 20.3  | 70.6             | 328.9                                 | 0.8                        | P L 45 3 70.6   | T 80B4  | 6.5                                       |
|                                     | 20.2  | 138.8            | 329.0                                 | 1.6                        | P L 65 3 138.8  | T 71C2  | 8.0                                       |
|                                     | 20.2  | 46.0             | 329.4                                 | 2.0                        | P L 65 3 46   | T 90S6  | 8.0                                       |
|                                     | 20.1  | 45.7             | 330.9                                 | 0.8                        | P L 45 3 45.7   | T 80C6  | 6.5                                       |
|                                     | 20.0  | 46.0             | 333.0                                 | 2.0                        | P L 65 3 46   | T 80C6  | 8.0                                       |
|                                     | 19.9  | 141.0            | 334.2                                 | 2.7                        | P - 90 3 141  | T 71C2  | 7.5                                       |

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CT17 IGBD 4.0

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روبروی پالایشگاه نفت پارس، پلاک ۱۲



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | GEAR   | EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|--------|------|---|
| 19.6                                | 47.0  | 340.3            | 0.7                                   | P - 63 3 47                | T 80C6 | 4.0  |   |
| 19.3                                | 74.0  | 344.8            | 3.5                                   | P L 85 3 74                | T 80B4 | 11.0 |   |
| 19.3                                | 48.1  | 352.3            | 1.5                                   | P - 80 2 48.14             | T 90S6 | 7.5  |   |
| 19.2                                | 74.4  | 346.7            | 1.7                                   | P L 65 3 74.4              | T 80B4 | 8.0  |   |
| 19.1                                | 48.1  | 356.0            | 1.5                                   | P - 80 2 48.14             | T 80C6 | 7.5  |   |
| 19.1                                | 48.8  | 349.5            | 2.7                                   | P - 90 3 48.8              | T 90S6 | 7.5  |   |
| 19.0                                | 75.4  | 351.0            | 1.3                                   | P - 71 3 75.4              | T 80B4 | 5.4  |   |
| 19.0                                | 75.4  | 351.1            | 0.7                                   | P - 63 3 75.4              | T 80B4 | 4.0  |   |
| 18.9                                | 48.8  | 353.3            | 2.7                                   | P - 90 3 48.8              | T 80C6 | 7.5  |   |
| 18.7                                | 76.3  | 355.5            | 2.6                                   | P - 90 3 76.3              | T 80B4 | 7.5  |   |
| 18.7                                | 152.8   | 355.9            | 1.5                                   | P L 65 3 152.8             | T 80A2 | 8.0  |   |
| 18.5                                | 154.8   | 360.4            | 1.2                                   | P - 71 3 154.8             | T 80A2 | 5.4  |   |
| 18.4                                | 155.2   | 361.5            | 2.5                                   | P - 90 3 155.2             | T 80A2 | 7.5  |   |
| 18.4                                | 50.5  | 369.4            | 1.2                                   | P - 71 2 50.5              | T 90S6 | 7.5  |   |
| 18.4                                | 152.8   | 362.3            | 1.5                                   | P L 65 3 152.8             | T 71C2 | 8.0  |   |
| 18.3                                | 50.9  | 372.2            | 1.0                                   | P - 80 2 50.87             | T 90S6 | 7.5  |   |
| 18.3                                | 50.9  | 372.5            | 2.6                                   | P - 90 2 50.9              | T 90S6 | 10.5 |   |
| 18.2                                | 50.5  | 373.4            | 1.2                                   | P - 71 2 50.5              | T 80C6 | 7.5  |   |
| 18.2                                | 154.8   | 367.1            | 1.1                                   | P - 71 3 154.8             | T 71C2 | 5.4  |   |
| 18.1                                | 155.2   | 367.7            | 2.5                                   | P - 90 3 155.2             | T 71C2 | 7.5  |   |
| 18.1                                | 50.9  | 376.1            | 1.0                                   | P - 80 2 50.87             | T 80C6 | 7.5  |   |
| 18.1                                | 50.9  | 376.6            | 2.5                                   | P - 90 2 50.9              | T 80C6 | 10.5 |   |
| 17.9                                | 160.0   | 372.6            | 2.9                                   | P L 85 3 160               | T 80A2 | 11.0 |   |
| 17.6                                | 52.8  | 378.5            | 0.7                                   | P L 45 3 52.8              | T 90S6 | 6.5  |   |
| 17.6                                | 160.0   | 379.4            | 2.8                                   | P L 85 3 160               | T 71C2 | 11.0 |   |
| 17.5                                | 163.2   | 380.0            | 1.1                                   | P - 71 3 163.2             | T 80A2 | 5.4  |   |
| 17.4                                | 52.8  | 382.1            | 0.7                                   | P L 45 3 52.8              | T 80C6 | 6.5  |   |
| 17.4                                | 53.5  | 383.3            | 1.2                                   | P - 71 3 53.5              | T 90S6 | 5.4  |   |
| 17.3                                | 82.8  | 385.8            | 2.4                                   | P - 90 3 82.8              | T 80B4 | 7.5  |   |
| 17.2                                | 163.2   | 387.0            | 1.1                                   | P - 71 3 163.2             | T 71C2 | 5.4  |   |
| 17.2                                | 53.5  | 387.2            | 1.2                                   | P - 71 3 53.5              | T 80C6 | 5.4  |   |
| 17.1                                | 167.0   | 388.9            | 3.9                                   | P - 112 3 167              | T 80A2 | 11.8 |   |
| 17.1                                | 54.3  | 388.8            | 1.7                                   | P L 65 3 54.3              | T 90S6 | 8.0  |   |
| 16.9                                | 54.3  | 393.1            | 1.7                                   | P L 65 3 54.3              | T 80C6 | 8.0  |   |
| 16.9                                | 55.2  | 395.3            | 2.4                                   | P - 90 3 55.2              | T 90S6 | 7.5  |   |
| 16.8                                | 84.9  | 395.6            | 3.0                                   | P L 85 3 84.9              | T 80B4 | 11.0 |   |
| 16.8                                | 55.5  | 406.0            | 0.9                                   | P - 80 2 55.49             | T 90S6 | 7.5  |   |
| 16.7                                | 85.4  | 397.9            | 1.5                                   | P L 65 3 85.4              | T 80B4 | 8.0  |   |
| 16.7                                | 55.2  | 399.5            | 2.4                                   | P - 90 3 55.2              | T 80C6 | 7.5  |   |
| 16.6                                | 55.5  | 410.7            | 0.9                                   | P - 80 2 55.49             | T 80C6 | 7.5  |   |
| 16.5                                | 56.3  | 403.2            | 3.2                                   | P L 85 3 56.3              | T 90S6 | 11.0 |   |
| 16.5                                | 86.8  | 404.5            | 1.1                                   | P - 71 3 86.8              | T 80B4 | 5.4  |   |
| 16.3                                | 56.3  | 407.6            | 3.2                                   | P L 85 3 56.3              | T 80C6 | 11.0 |   |
| 16.3                                | 175.4   | 408.3            | 1.3                                   | P L 65 3 175.4             | T 80A2 | 8.0  |   |
| 16.1                                | 178.1   | 414.6            | 2.2                                   | P - 90 3 178.1             | T 80A2 | 7.5  |   |
| 16.0                                | 175.4   | 415.8            | 1.3                                   | P L 65 3 175.4             | T 71C2 | 8.0  |   |
| 15.8                                | 178.1   | 422.1            | 2.2                                   | P - 90 3 178.1             | T 71C2 | 7.5  |   |
| 15.6                                | 91.5  | 425.9            | 1.1                                   | P - 71 3 91.5              | T 80B4 | 5.4  |   |
| 15.5                                | 184.6   | 429.9            | 2.5                                   | P L 85 3 184.6             | T 80A2 | 11.0 |   |
| 15.3                                | 93.3  | 434.4            | 2.1                                   | P - 90 3 93.3              | T 80B4 | 7.5  |   |
| 15.3                                | 60.8  | 435.6            | 1.1                                   | P - 71 3 60.8              | T 90S6 | 5.4  |   |
| 15.2                                | 184.6   | 437.6            | 2.5                                   | P L 85 3 184.6             | T 71C2 | 11.0 |   |
| 15.1                                | 60.8  | 440.1            | 1.0                                   | P - 71 3 60.8              | T 80C6 | 5.4  |   |
| 15.1                                | 61.8  | 452.3            | 0.8                                   | P - 80 2 61.79             | T 90S6 | 7.5  |   |
| 14.9                                | 191.5   | 446.1            | 3.4                                   | P - 112 3 191.5            | T 80A2 | 11.8 |   |
| 14.9                                | 62.3  | 446.0            | 2.1                                   | P - 90 3 62.3              | T 90S6 | 7.5  |   |
| 14.9                                | 191.6   | 446.4            | 1.0                                   | P - 71 3 191.6             | T 80A2 | 5.4  |   |
| 14.9                                | 61.8  | 457.3            | 0.8                                   | P - 80 2 61.79             | T 80C6 | 7.5  |   |
| 14.8                                | 62.3  | 450.9            | 2.1                                   | P - 90 3 62.3              | T 80C6 | 7.5  |   |
| 14.7                                | 191.6   | 454.2            | 1.0                                   | P - 71 3 191.6             | T 71C2 | 5.4  |   |
| 14.6                                | 98.0  | 456.6            | 2.6                                   | P L 85 3 98                | T 80B4 | 11.0 |   |
| 14.6                                | 63.9  | 457.7            | 2.8                                   | P L 85 3 63.9              | T 90S6 | 11.0 |   |
| 14.5                                | 64.2  | 459.6            | 1.0                                   | P - 71 3 64.2              | T 90S6 | 5.4  |   |
| 14.5                                | 197.9   | 460.8            | 1.2                                   | P L 65 3 197.9             | T 80A2 | 8.0  |   |
| 14.4                                | 64.4  | 461.2            | 1.4                                   | P L 65 3 64.4              | T 90S6 | 8.0  |   |
| 14.4                                | 99.0  | 461.1            | 1.3                                   | P L 65 3 99                | T 80B4 | 8.0  |   |
| 14.4                                | 63.9  | 462.5            | 2.8                                   | P L 85 3 63.9              | T 80C6 | 11.0 |   |
| 14.4                                | 99.3  | 462.5            | 1.0                                   | P - 71 3 99.3              | T 80B4 | 5.4  |   |
| 14.3                                | 64.2  | 465.0            | 1.0                                   | P - 71 3 64.2              | T 80C6 | 5.4  |   |
| 14.3                                | 64.4  | 466.1            | 1.4                                   | P L 65 3 64.4              | T 80C6 | 8.0  |   |
| 14.2                                | 201.0   | 468.1            | 1.9                                   | P - 90 3 201               | T 80A2 | 7.5  |   |
| 14.2                                | 100.6   | 468.8            | 1.9                                   | P - 90 3 100.6             | T 80B4 | 7.5  |   |
| 14.2                                | 197.9   | 469.3            | 1.2                                   | P L 65 3 197.9             | T 71C2 | 8.0  |   |
| 14.0                                | 204.1   | 475.4            | 2.3                                   | P L 85 3 204.1             | T 80A2 | 11.0 |   |
| 14.0                                | 201.0   | 476.6            | 1.9                                   | P - 90 3 201               | T 71C2 | 7.5  |   |
| 13.8                                | 67.4  | 482.7            | 3.9                                   | P - 112 3 67.4             | T 90S6 | 11.8 |   |
| 13.8                                | 204.1   | 483.9            | 2.2                                   | P L 85 3 204.1             | T 71C2 | 11.0 |   |
| 13.7                                | 67.4  | 487.9            | 3.8                                   | P - 112 3 67.4             | T 80C6 | 11.8 |   |
| 13.4                                | 214.0   | 498.5            | 2.2                                   | P L 85 3 214               | T 80A2 | 11.0 |   |
| 13.3                                | 107.5   | 500.7            | 0.9                                   | P - 71 3 107.5             | T 80B4 | 5.4  |   |
| 13.2                                | 108.4   | 505.0            | 3.5                                   | P - 112 3 108.4            | T 80B4 | 11.8 |   |
| 13.2                                | 70.6  | 505.9            | 1.9                                   | P - 90 3 70.6              | T 90S6 | 7.5  |   |
| 13.1                                | 214.0   | 507.2            | 2.1                                   | P L 85 3 214               | T 71C2 | 11.0 |   |
| 13.1                                | 108.9   | 507.4            | 1.8                                   | P - 90 3 108.9             | T 80B4 | 7.5  |   |
| 13.0                                | 70.6  | 511.4            | 1.8                                   | P - 90 3 70.6              | T 80C6 | 7.5  |   |
| 13.0                                | 220.9   | 514.4            | 2.9                                   | P - 112 3 220.9            | T 80A2 | 11.8 |   |
| 13.0                                | 220.8   | 514.5            | 0.9                                   | P - 71 3 220.8             | T 80A2 | 5.4  |   |
| 12.8                                | 72.6  | 519.9            | 3.6                                   | P - 112 3 72.6             | T 90S6 | 11.8 |   |
| 12.8                                | 224.4   | 522.6            | 1.7                                   | P - 90 3 224.4             | T 80A2 | 7.5  |   |
| 12.7                                | 220.8   | 523.3            | 0.9                                   | P - 71 3 220.8             | T 71C2 | 5.4  |   |
| 12.7                                | 72.6  | 525.8            | 3.5                                   | P - 112 3 72.6             | T 80C6 | 11.8 |   |
| 12.6                                | 113.5   | 528.8            | 2.3                                   | P L 85 3 113.5             | T 80B4 | 11.0 |   |
| 12.6                                | 74.0  | 529.9            | 2.5                                   | P L 85 3 74                | T 90S6 | 11.0 |   |
| 12.5                                | 224.4   | 532.0            | 1.7                                   | P - 90 3 224.4             | T 71C2 | 7.5  |   |
| 12.5                                | 74.4  | 532.8            | 1.2                                   | P L 65 3 74.4              | T 90S6 | 8.0  |   |

0,75





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                 |        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|--------|---|
|                                     | 12.4  | 74.0             | 536.0                                | 2.4                        | P L 85 3 74     | T 80C6 | 11.0                                      |
|                                     | 12.4  | 74.4             | 538.7                                | 1.2                        | P L 65 3 74.4   | T 80C6 | 8.0                                       |
|                                     | 12.3  | 75.4             | 540.6                                | 0.9                        | P - 71 3 75.4   | T 90S6 | 5.4                                       |
|                                     | 12.3  | 116.2            | 540.9                                | 1.1                        | P L 65 3 116.2  | T 80B4 | 8.0                                       |
|                                     | 12.2  | 234.0            | 545.1                                | 2.0                        | P L 85 3 234    | T 80A2 | 11.0                                      |
|                                     | 12.2  | 117.2            | 546.0                                | 3.2                        | P - 112 3 117.2 | T 80B4 | 11.8                                      |
|                                     | 12.2  | 75.4             | 545.7                                | 0.9                        | P - 71 3 75.4   | T 80C6 | 5.4                                       |
|                                     | 12.2  | 76.3             | 546.5                                | 1.7                        | P - 90 3 76.3   | T 90S6 | 7.5                                       |
|                                     | 12.1  | 76.3             | 552.4                                | 1.7                        | P - 90 3 76.3   | T 80C6 | 7.5                                       |
|                                     | 12.0  | 234.0            | 554.8                                | 1.9                        | P L 85 3 234    | T 71C2 | 11.0                                      |
|                                     | 11.9  | 241.0            | 561.1                                | 2.7                        | P - 112 3 241   | T 80A2 | 11.8                                      |
|                                     | 11.9  | 78.5             | 562.0                                | 3.3                        | P - 112 3 78.5  | T 90S6 | 11.8                                      |
|                                     | 11.8  | 243.2            | 566.3                                | 3.7                        | P L 95 3 243.2  | T 80A2 | 16.0                                      |
|                                     | 11.7  | 78.5             | 568.5                                | 3.3                        | P - 112 3 78.5  | T 80C6 | 11.8                                      |
|                                     | 11.6  | 123.8            | 576.9                                | 0.8                        | P - 71 3 123.8  | T 80B4 | 5.4                                       |
|                                     | 11.4  | 125.0            | 582.3                                | 1.6                        | P - 90 3 125    | T 80B4 | 7.5                                       |
|                                     | 11.3  | 253.2            | 589.4                                | 1.5                        | P - 90 3 253.2  | T 80A2 | 7.5                                       |
|                                     | 11.2  | 82.8             | 593.1                                | 1.6                        | P - 90 3 82.8   | T 90S6 | 7.5                                       |
|                                     | 11.2  | 128.3            | 597.4                                | 2.9                        | P - 112 3 128.3 | T 80B4 | 11.8                                      |
|                                     | 11.1  | 82.8             | 599.6                                | 1.6                        | P - 90 3 82.8   | T 80C6 | 7.5                                       |
|                                     | 11.1  | 253.2            | 600.3                                | 1.5                        | P - 90 3 253.2  | T 71C2 | 7.5                                       |
|                                     | 11.0  | 84.9             | 608.2                                | 2.1                        | P L 85 3 84.9   | T 90S6 | 11.0                                      |
|                                     | 10.9  | 85.4             | 611.7                                | 1.1                        | P L 65 3 85.4   | T 90S6 | 8.0                                       |
|                                     | 10.8  | 84.9             | 614.4                                | 2.1                        | P L 85 3 84.9   | T 80C6 | 11.0                                      |
|                                     | 10.8  | 86.0             | 616.2                                | 3.9                        | P L 95 3 86     | T 90S6 | 16.0                                      |
|                                     | 10.8  | 85.4             | 618.7                                | 1.1                        | P L 65 3 85.4   | T 80C6 | 8.0                                       |
|                                     | 10.7  | 266.2            | 620.3                                | 3.4                        | P L 95 3 266.2  | T 80A2 | 16.0                                      |
|                                     | 10.7  | 86.8             | 621.7                                | 0.8                        | P - 71 3 86.8   | T 90S6 | 5.4                                       |
|                                     | 10.7  | 86.0             | 622.6                                | 3.9                        | P L 95 3 86     | T 80C6 | 16.0                                      |
|                                     | 10.7  | 87.3             | 625.6                                | 3.0                        | P - 112 3 87.3  | T 90S6 | 11.8                                      |
|                                     | 10.7  | 134.3            | 625.0                                | 0.7                        | P - 71 3 134.3  | T 80B4 | 5.4                                       |
|                                     | 10.6  | 134.4            | 626.1                                | 3.8                        | P L 95 3 134.4  | T 80B4 | 16.0                                      |
|                                     | 10.6  | 86.8             | 628.3                                | 0.7                        | P - 71 3 86.8   | T 80C6 | 5.4                                       |
|                                     | 10.6  | 270.0            | 628.9                                | 1.7                        | P L 85 3 270    | T 80A2 | 11.0                                      |
|                                     | 10.5  | 87.3             | 632.1                                | 2.9                        | P - 112 3 87.3  | T 80C6 | 11.8                                      |
|                                     | 10.5  | 136.8            | 637.4                                | 1.9                        | P L 85 3 136.8  | T 80B4 | 11.0                                      |
|                                     | 10.4  | 270.0            | 639.8                                | 1.7                        | P L 85 3 270    | T 71C2 | 11.0                                      |
|                                     | 10.3  | 138.8            | 646.6                                | 0.9                        | P L 65 3 138.8  | T 80B4 | 8.0                                       |
|                                     | 10.3  | 278.1            | 648.0                                | 2.3                        | P - 112 3 278.1 | T 80A2 | 11.8                                      |
|                                     | 10.2  | 91.5             | 655.2                                | 0.7                        | P - 71 3 91.5   | T 90S6 | 5.4                                       |
|                                     | 10.1  | 141.0            | 656.9                                | 1.4                        | P - 90 3 141    | T 80B4 | 7.5                                       |
|                                     | 10.1  | 91.5             | 662.6                                | 0.7                        | P - 71 3 91.5   | T 80C6 | 5.4                                       |
|                                     | 10.0  | 93.3             | 668.0                                | 1.4                        | P - 90 3 93.3   | T 90S6 | 7.5                                       |
|                                     | 9.9   | 93.6             | 670.0                                | 2.8                        | P - 112 3 93.6  | T 90S6 | 11.8                                      |
|                                     | 9.9   | 93.3             | 675.6                                | 1.4                        | P - 90 3 93.3   | T 80C6 | 7.5                                       |
|                                     | 9.8   | 93.6             | 677.5                                | 2.7                        | P - 112 3 93.6  | T 80C6 | 11.8                                      |
|                                     | 9.7   | 148.0            | 689.7                                | 2.5                        | P - 112 3 148   | T 80B4 | 11.8                                      |
|                                     | 9.5   | 98.0             | 701.9                                | 1.9                        | P L 85 3 98     | T 90S6 | 11.0                                      |
|                                     | 9.5   | 98.4             | 704.8                                | 3.4                        | P L 95 3 98.4   | T 90S6 | 16.0                                      |
|                                     | 9.4   | 98.0             | 709.6                                | 1.8                        | P L 85 3 98     | T 80C6 | 11.0                                      |
|                                     | 9.4   | 99.0             | 709.6                                | 0.9                        | P L 65 3 99     | T 90S6 | 8.0                                       |
|                                     | 9.4   | 152.8            | 712.0                                | 0.8                        | P L 65 3 152.8  | T 80B4 | 8.0                                       |
|                                     | 9.4   | 98.4             | 712.3                                | 3.4                        | P L 95 3 98.4   | T 80C6 | 16.0                                      |
|                                     | 9.3   | 99.0             | 716.9                                | 0.9                        | P L 65 3 99     | T 80C6 | 8.0                                       |
|                                     | 9.2   | 100.6            | 721.0                                | 1.3                        | P - 90 3 100.6  | T 90S6 | 7.5                                       |
|                                     | 9.2   | 155.2            | 723.0                                | 1.3                        | P - 90 3 155.2  | T 80B4 | 7.5                                       |
|                                     | 9.2   | 100.6            | 727.7                                | 1.3                        | P - 90 3 100.6  | T 80C6 | 7.5                                       |
|                                     | 9.0   | 158.9            | 740.1                                | 3.2                        | P L 95 3 158.9  | T 80B4 | 16.0                                      |
|                                     | 8.9   | 160.0            | 745.0                                | 1.6                        | P L 85 3 160    | T 80B4 | 11.0                                      |
|                                     | 8.6   | 108.4            | 776.3                                | 2.4                        | P - 112 3 108.4 | T 90S6 | 11.8                                      |
|                                     | 8.6   | 167.0            | 778.0                                | 2.2                        | P - 112 3 167   | T 80B4 | 11.8                                      |
|                                     | 8.5   | 108.9            | 779.7                                | 1.2                        | P - 90 3 108.9  | T 90S6 | 7.5                                       |
|                                     | 8.5   | 108.4            | 784.6                                | 2.4                        | P - 112 3 108.4 | T 80C6 | 11.8                                      |
|                                     | 8.5   | 108.9            | 788.4                                | 1.2                        | P - 90 3 108.9  | T 80C6 | 7.5                                       |
|                                     | 8.2   | 113.5            | 813.2                                | 1.6                        | P L 85 3 113.5  | T 90S6 | 11.0                                      |
|                                     | 8.2   | 350.3            | 789.1                                | 3.2                        | P E 125 350,27  | T 80A2 | 10.5                                      |
|                                     | 8.2   | 175.4            | 816.7                                | 0.7                        | P L 65 3 175.4  | T 80B4 | 8.0                                       |
|                                     | 8.1   | 113.5            | 821.4                                | 1.6                        | P L 85 3 113.5  | T 80C6 | 11.0                                      |
|                                     | 8.0   | 178.1            | 829.3                                | 1.1                        | P - 90 3 178.1  | T 80B4 | 7.5                                       |
|                                     | 8.0   | 350.3            | 803.7                                | 3.1                        | P E 125 350,27  | T 71C2 | 10.5                                      |
|                                     | 8.0   | 116.0            | 830.6                                | 2.9                        | P L 95 3 116    | T 90S6 | 16.0                                      |
|                                     | 8.0   | 116.2            | 833.3                                | 0.8                        | P L 65 3 116.2  | T 90S6 | 8.0                                       |
|                                     | 7.9   | 117.2            | 838.8                                | 2.2                        | P - 112 3 117.2 | T 90S6 | 11.8                                      |
|                                     | 7.9   | 116.0            | 839.9                                | 2.9                        | P L 95 3 116    | T 80C6 | 16.0                                      |
|                                     | 7.9   | 116.2            | 840.5                                | 0.8                        | P L 65 3 116.2  | T 80C6 | 8.0                                       |
|                                     | 7.9   | 117.2            | 848.5                                | 2.2                        | P - 112 3 117.2 | T 80C6 | 11.8                                      |
|                                     | 7.8   | 184.6            | 859.6                                | 1.4                        | P L 85 3 184.6  | T 80B4 | 11.0                                      |
|                                     | 7.6   | 187.1            | 871.7                                | 2.8                        | P L 95 3 187.1  | T 80B4 | 16.0                                      |
|                                     | 7.5   | 191.5            | 891.6                                | 2.0                        | P - 112 3 191.5 | T 80B4 | 11.8                                      |
|                                     | 7.5   | 383.9            | 865.2                                | 3.7                        | P E 125 383,88  | T 80A2 | 10.5                                      |
|                                     | 7.4   | 125.0            | 894.9                                | 1.1                        | P - 90 3 125    | T 90S6 | 7.5                                       |
|                                     | 7.4   | 125.0            | 905.2                                | 1.0                        | P - 90 3 125    | T 80C6 | 7.5                                       |
|                                     | 7.3   | 383.9            | 880.7                                | 3.6                        | P E 125 383,88  | T 71C2 | 10.5                                      |
|                                     | 7.3   | 128.3            | 919.0                                | 2.0                        | P - 112 3 128.3 | T 90S6 | 11.8                                      |
|                                     | 7.2   | 387.9            | 890.4                                | 3.9                        | P E 132 387,9   | T 71C2 | 12.0                                      |
|                                     | 7.2   | 199.5            | 928.8                                | 2.6                        | P L 95 3 199.5  | T 80B4 | 16.0                                      |
|                                     | 7.2   | 128.3            | 928.8                                | 2.0                        | P - 112 3 128.3 | T 80C6 | 11.8                                      |
|                                     | 7.1   | 201.0            | 937.5                                | 1.0                        | P - 90 3 201    | T 80B4 | 7.5                                       |
|                                     | 7.0   | 204.1            | 950.4                                | 1.3                        | P L 85 3 204.1  | T 80B4 | 11.0                                      |
|                                     | 6.9   | 134.4            | 962.6                                | 2.5                        | P L 95 3 134.4  | T 90S6 | 16.0                                      |
|                                     | 6.9   | 416.3            | 938.2                                | 3.4                        | P E 125 416,28  | T 80A2 | 10.5                                      |
|                                     | 6.9   | 134.4            | 972.4                                | 2.5                        | P L 95 3 134.4  | T 80C6 | 16.0                                      |
|                                     | 6.8   | 136.8            | 979.9                                | 1.3                        | P L 85 3 136.8  | T 90S6 | 11.0                                      |
|                                     | 6.8   | 416.3            | 955.0                                | 3.4                        | P E 125 416,28  | T 71C2 | 10.5                                      |
|                                     | 6.7   | 136.8            | 989.8                                | 1.3                        | P L 85 3 136.8  | T 80C6 | 11.0                                      |

0,75





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|--------|---|
| 0,75                                | 6,7   | 214,0            | 996,7                                 | 1,2                        | P L 85 3 214    | T 80B4 | 11,0                                      |
|                                     | 6,7   | 139,9            | 1012,6                                | 3,7                        | P L 105 3 139,9 | T 90S6 | 22,0                                      |
|                                     | 6,6   | 141,0            | 1009,6                                | 0,9                        | P - 90 3 141    | T 90S6 | 7,5                                       |
|                                     | 6,6   | 139,9            | 1023,0                                | 3,6                        | P L 105 3 139,9 | T 80C6 | 22,0                                      |
|                                     | 6,5   | 141,0            | 1021,3                                | 0,9                        | P - 90 3 141    | T 80C6 | 7,5                                       |
|                                     | 6,5   | 439,7            | 991,7                                 | 3,5                        | P E 132 439,72  | T 80A2 | 12,0                                      |
|                                     | 6,5   | 220,9            | 1029,4                                | 1,7                        | P - 112 3 220,9 | T 80B4 | 11,8                                      |
|                                     | 6,5   | 221,3            | 1030,9                                | 2,3                        | P L 95 3 221,3  | T 80B4 | 16,0                                      |
|                                     | 6,4   | 439,7            | 1008,8                                | 3,5                        | P E 132 439,72  | T 71C2 | 12,0                                      |
|                                     | 6,4   | 224,4            | 1045,2                                | 0,9                        | P - 90 3 224,4  | T 80B4 | 7,5                                       |
|                                     | 6,3   | 227,3            | 1025,0                                | 3,4                        | P E 125 227,28  | T 80B4 | 10,5                                      |
|                                     | 6,3   | 148,0            | 1060,8                                | 1,8                        | P - 112 3 148   | T 90S6 | 11,8                                      |
|                                     | 6,2   | 148,0            | 1070,6                                | 1,7                        | P - 112 3 148   | T 80C6 | 11,8                                      |
|                                     | 6,2   | 461,9            | 1041,2                                | 3,1                        | P E 125 461,93  | T 80A2 | 10,5                                      |
|                                     | 6,1   | 151,5            | 1050,0                                | 3,3                        | P E 125 151,48  | T 90S6 | 10,5                                      |
|                                     | 6,1   | 234,0            | 1054,9                                | 3,8                        | P E 132 234     | T 80B4 | 12,0                                      |
|                                     | 6,1   | 234,0            | 1089,6                                | 1,1                        | P L 85 3 234    | T 80B4 | 11,0                                      |
|                                     | 6,1   | 461,9            | 1060,1                                | 3,0                        | P E 125 461,93  | T 71C2 | 10,5                                      |
|                                     | 6,1   | 151,5            | 1061,9                                | 3,3                        | P E 125 151,48  | T 80C6 | 10,5                                      |
|                                     | 6,0   | 153,9            | 1114,6                                | 3,4                        | P L 105 3 153,9 | T 90S6 | 22,0                                      |
|                                     | 6,0   | 155,2            | 1112,6                                | 0,8                        | P - 90 3 155,2  | T 90S6 | 7,5                                       |
|                                     | 6,0   | 153,9            | 1125,7                                | 3,3                        | P L 105 3 153,9 | T 80C6 | 22,0                                      |
|                                     | 5,9   | 241,0            | 1123,7                                | 1,6                        | P - 112 3 241   | T 80B4 | 11,8                                      |
|                                     | 5,9   | 155,2            | 1123,2                                | 0,8                        | P - 90 3 155,2  | T 80C6 | 7,5                                       |
|                                     | 5,9   | 483,9            | 1090,6                                | 3,2                        | P E 132 483,92  | T 80A2 | 12,0                                      |
|                                     | 5,9   | 243,2            | 1132,8                                | 2,1                        | P L 95 3 243,2  | T 80B4 | 16,0                                      |
|                                     | 5,9   | 158,6            | 1098,1                                | 3,6                        | P E 132 158,56  | T 90S6 | 12,0                                      |
|                                     | 5,9   | 158,9            | 1138,5                                | 2,1                        | P L 95 3 158,9  | T 90S6 | 16,0                                      |
|                                     | 5,8   | 483,9            | 1109,5                                | 3,2                        | P E 132 483,92  | T 71C2 | 12,0                                      |
|                                     | 5,8   | 160,0            | 1147,1                                | 1,1                        | P L 85 3 160    | T 90S6 | 11,0                                      |
|                                     | 5,8   | 158,6            | 1111,5                                | 3,6                        | P E 132 158,56  | T 80C6 | 12,0                                      |
|                                     | 5,8   | 158,9            | 1150,2                                | 2,1                        | P L 95 3 158,9  | T 80C6 | 16,0                                      |
|                                     | 5,8   | 160,0            | 1158,0                                | 1,1                        | P L 85 3 160    | T 80C6 | 11,0                                      |
|                                     | 5,7   | 251,2            | 1132,9                                | 3,1                        | P E 125 251,17  | T 80B4 | 10,5                                      |
|                                     | 5,7   | 253,2            | 1178,8                                | 0,8                        | P - 90 3 253,2  | T 80B4 | 7,5                                       |
|                                     | 5,6   | 167,0            | 1196,4                                | 1,6                        | P - 112 3 167   | T 90S6 | 11,8                                      |
|                                     | 5,5   | 167,0            | 1208,8                                | 1,5                        | P - 112 3 167   | T 80C6 | 11,8                                      |
|                                     | 5,5   | 169,2            | 1224,1                                | 3,1                        | P L 105 3 169,2 | T 90S6 | 22,0                                      |
|                                     | 5,5   | 519,6            | 1171,9                                | 2,7                        | P E 125 519,6   | T 80A2 | 10,5                                      |
|                                     | 5,5   | 260,3            | 1174,2                                | 3,4                        | P E 132 260,34  | T 80B4 | 12,0                                      |
|                                     | 5,5   | 524,8            | 1183,0                                | 3,0                        | P E 132 524,76  | T 80A2 | 12,0                                      |
|                                     | 5,4   | 169,2            | 1237,9                                | 3,1                        | P L 105 3 169,2 | T 80C6 | 22,0                                      |
|                                     | 5,4   | 519,6            | 1191,7                                | 2,7                        | P E 125 519,6   | T 71C2 | 10,5                                      |
|                                     | 5,4   | 266,2            | 1240,5                                | 1,9                        | P L 95 3 266,2  | T 80B4 | 16,0                                      |
|                                     | 5,4   | 173,5            | 1202,9                                | 3,3                        | P E 132 173,51  | T 90S6 | 12,0                                      |
|                                     | 5,4   | 524,8            | 1204,7                                | 2,9                        | P E 132 524,76  | T 71C2 | 12,0                                      |
|                                     | 5,3   | 173,5            | 1216,1                                | 3,3                        | P E 132 173,51  | T 80C6 | 12,0                                      |
|                                     | 5,3   | 270,0            | 1257,0                                | 1,0                        | P L 85 3 270    | T 80B4 | 11,0                                      |
|                                     | 5,3   | 543,9            | 1225,5                                | 2,9                        | P E 132 543,89  | T 80A2 | 12,0                                      |
|                                     | 5,2   | 273,5            | 1232,7                                | 2,6                        | P E 125 273,48  | T 80B4 | 10,5                                      |
| 5,2                                 | 178,1   | 1277,0           | 0,7                                   | P - 90 3 178,1             | T 90S6          | 7,5    |   |
| 5,2                                 | 543,9   | 1247,0           | 2,8                                   | P E 132 543,89             | T 71C2          | 12,0   |   |
| 5,2                                 | 178,1   | 1288,6           | 0,7                                   | P - 90 3 178,1             | T 80C6          | 7,5    |   |
| 5,1                                 | 278,1   | 1295,7           | 1,4                                   | P - 112 3 278,1            | T 80B4          | 11,8   |   |
| 5,0                                 | 184,6   | 1321,1           | 1,0                                   | P L 85 3 184,6             | T 90S6          | 11,0   |   |
| 5,0                                 | 185,2   | 1341,3           | 2,8                                   | P L 105 3 185,2            | T 90S6          | 22,0   |   |
| 5,0                                 | 185,6   | 1286,8           | 2,7                                   | P E 125 185,62             | T 90S6          | 10,5   |   |
| 5,0                                 | 286,5   | 1292,0           | 3,1                                   | P E 132 286,51             | T 80B4          | 12,0   |   |
| 5,0                                 | 184,6   | 1337,4           | 1,0                                   | P L 85 3 184,6             | T 80C6          | 11,0   |   |
| 5,0                                 | 185,2   | 1354,6           | 2,8                                   | P L 105 3 185,2            | T 80C6          | 22,0   |   |
| 5,0                                 | 187,1   | 1340,3           | 1,8                                   | P L 95 3 187,1             | T 90S6          | 16,0   |   |
| 5,0                                 | 185,6   | 1299,5           | 2,7                                   | P E 125 185,62             | T 80C6          | 10,5   |   |
| 4,9                                 | 580,5   | 1307,3           | 2,1                                   | P E 125 580,52             | T 80A2          | 10,5   |   |
| 4,9                                 | 187,1   | 1353,4           | 1,8                                   | P L 95 3 187,1             | T 80C6          | 16,0   |   |
| 4,9                                 | 191,0   | 1323,9           | 3,0                                   | P E 132 190,95             | T 90S6          | 12,0   |   |
| 4,9                                 | 191,5   | 1370,3           | 1,4                                   | P - 112 3 191,5            | T 90S6          | 11,8   |   |
| 4,8                                 | 580,5   | 1332,2           | 2,0                                   | P E 125 580,52             | T 71C2          | 10,5   |   |
| 4,8                                 | 191,0   | 1337,5           | 3,0                                   | P E 132 190,95             | T 80C6          | 12,0   |   |
| 4,8                                 | 595,2   | 1340,0           | 2,6                                   | P E 132 595,18             | T 80A2          | 12,0   |   |
| 4,8                                 | 191,5   | 1388,1           | 1,3                                   | P - 112 3 191,5            | T 80C6          | 11,8   |   |
| 4,7                                 | 595,3   | 1365,9           | 4,0                                   | P E 150 595,28             | T 71C2          | 16,0   |   |
| 4,7                                 | 595,2   | 1365,8           | 2,6                                   | P E 132 595,18             | T 71C2          | 12,0   |   |
| 4,7                                 | 199,5   | 1429,7           | 1,7                                   | P L 95 3 199,5             | T 90S6          | 16,0   |   |
| 4,7                                 | 307,7   | 1386,0           | 2,5                                   | P E 125 307,71             | T 80B4          | 10,5   |   |
| 4,6                                 | 199,5   | 1444,6           | 1,7                                   | P L 95 3 199,5             | T 80C6          | 16,0   |   |
| 4,6                                 | 625,2   | 1410,9           | 2,3                                   | P E 125 625,23             | T 80A2          | 10,5   |   |
| 4,6                                 | 204,1   | 1461,8           | 0,9                                   | P L 85 3 204,1             | T 90S6          | 11,0   |   |
| 4,5                                 | 316,6   | 1425,9           | 2,8                                   | P E 132 316,62             | T 80B4          | 12,0   |   |
| 4,5                                 | 204,1   | 1477,3           | 0,9                                   | P L 85 3 204,1             | T 80C6          | 11,0   |   |
| 4,5                                 | 625,2   | 1435,4           | 2,2                                   | P E 125 625,23             | T 71C2          | 10,5   |   |
| 4,5                                 | 643,2   | 1448,5           | 3,7                                   | P E 150 643,23             | T 80A2          | 16,0   |   |
| 4,4                                 | 648,4   | 1461,6           | 2,2                                   | P E 125 648,43             | T 80A2          | 10,5   |   |
| 4,4                                 | 643,2   | 1474,9           | 3,7                                   | P E 150 643,23             | T 71C2          | 16,0   |   |
| 4,4                                 | 212,6   | 1474,9           | 2,7                                   | P E 132 212,62             | T 90S6          | 12,0   |   |
| 4,4                                 | 655,0   | 1474,7           | 2,4                                   | P E 132 655,01             | T 80A2          | 12,0   |   |
| 4,4                                 | 214,0   | 1530,6           | 0,8                                   | P L 85 3 214               | T 90S6          | 11,0   |   |
| 4,3                                 | 212,6   | 1488,8           | 2,7                                   | P E 132 212,62             | T 80C6          | 12,0   |   |
| 4,3                                 | 648,4   | 1488,8           | 2,1                                   | P E 125 648,43             | T 71C2          | 10,5   |   |
| 4,3                                 | 214,0   | 1550,1           | 0,8                                   | P L 85 3 214               | T 80C6          | 11,0   |   |
| 4,3                                 | 216,6   | 1502,5           | 4,0                                   | P E 150 216,61             | T 90S6          | 16,0   |   |
| 4,3                                 | 655,0   | 1502,6           | 2,3                                   | P E 132 655,01             | T 71C2          | 12,0   |   |
| 4,3                                 | 216,6   | 1516,7           | 4,0                                   | P E 150 216,61             | T 80C6          | 16,0   |   |
| 4,2                                 | 220,9   | 1581,6           | 1,2                                   | P - 112 3 220,9            | T 90S6          | 11,8   |   |
| 4,2                                 | 221,3   | 1585,9           | 1,5                                   | P L 95 3 221,3             | T 90S6          | 16,0   |   |
| 4,2                                 | 221,3   | 1601,4           | 1,5                                   | P L 95 3 221,3             | T 80C6          | 16,0   |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |                 | P <sub>tn</sub><br>Thermal capacity<br>kW |      |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|-----------------|---|------|
| 0,75                                | 4,2   | 220,9            | 1601,6                                | 1,2                        | P - 112 3 220,9 | T 80C6          | 11,8                                      |      |
|                                     | 4,1   | 697,5            | 1572,2                                | 3,4                        | P E 150 697,51  | T 80A2          | 16,0                                      |      |
|                                     | 4,1   | 227,3            | 1575,6                                | 2,2                        | P E 125 227,28  | T 90S6          | 10,5                                      |      |
|                                     | 4,1   | 350,3            | 1579,6                                | 1,7                        | P E 125 350,27  | T 80B4          | 10,5                                      |      |
|                                     | 4,1   | 352,5            | 1588,1                                | 2,5                        | P E 132 352,46  | T 80B4          | 12,0                                      |      |
|                                     | 4,1   | 227,3            | 1591,9                                | 2,2                        | P E 125 227,28  | T 80C6          | 10,5                                      |      |
|                                     | 4,0   | 697,5            | 1599,5                                | 3,4                        | P E 150 697,51  | T 71C2          | 16,0                                      |      |
|                                     | 4,0   | 359,2            | 1619,9                                | 3,7                        | P E 150 359,17  | T 80B4          | 16,0                                      |      |
|                                     | 4,0   | 234,0            | 1623,4                                | 2,5                        | P E 132 234     | T 90S6          | 12,0                                      |      |
|                                     | 4,0   | 234,0            | 1678,1                                | 0,8                        | P L 85 3 234    | T 90S6          | 11,0                                      |      |
|                                     | 4,0   | 724,6            | 1631,7                                | 1,7                        | P E 125 724,6   | T 80A2          | 10,5                                      |      |
|                                     | 3,9   | 234,0            | 1640,2                                | 2,4                        | P E 132 234     | T 80C6          | 12,0                                      |      |
|                                     | 3,9   | 234,0            | 1695,7                                | 0,8                        | P L 85 3 234    | T 80C6          | 11,0                                      |      |
|                                     | 3,9   | 724,6            | 1661,4                                | 1,7                        | P E 125 724,6   | T 71C2          | 10,5                                      |      |
|                                     | 3,9   | 241,0            | 1725,2                                | 1,1                        | P - 112 3 241   | T 90S6          | 11,8                                      |      |
|                                     | 3,9   | 743,0            | 1674,2                                | 3,2                        | P E 150 743,02  | T 80A2          | 16,0                                      |      |
|                                     | 3,9   | 742,8            | 1674,1                                | 2,1                        | P E 132 742,75  | T 80A2          | 12,0                                      |      |
|                                     | 3,8   | 243,2            | 1744,2                                | 1,4                        | P L 95 3 243,2  | T 90S6          | 16,0                                      |      |
|                                     | 3,8   | 241,0            | 1744,2                                | 1,1                        | P - 112 3 241   | T 80C6          | 11,8                                      |      |
|                                     | 3,8   | 743,0            | 1705,3                                | 3,2                        | P E 150 743,02  | T 71C2          | 16,0                                      |      |
|                                     | 3,8   | 742,8            | 1705,7                                | 2,1                        | P E 132 742,75  | T 71C2          | 12,0                                      |      |
|                                     | 3,8   | 243,2            | 1763,0                                | 1,4                        | P L 95 3 243,2  | T 80C6          | 16,0                                      |      |
|                                     | 3,8   | 380,8            | 1714,3                                | 3,5                        | P E 150 380,82  | T 80B4          | 16,0                                      |      |
|                                     | 3,7   | 766,5            | 1728,6                                | 3,1                        | P E 150 766,52  | T 80A2          | 16,0                                      |      |
|                                     | 3,7   | 383,9            | 1728,1                                | 2,0                        | P E 125 383,88  | T 80B4          | 10,5                                      |      |
|                                     | 3,7   | 251,2            | 1741,9                                | 2,0                        | P E 125 251,17  | T 90S6          | 10,5                                      |      |
|                                     | 3,7   | 387,9            | 1747,2                                | 2,3                        | P E 132 387,9   | T 80B4          | 12,0                                      |      |
|                                     | 3,7   | 766,5            | 1756,3                                | 3,1                        | P E 150 766,52  | T 71C2          | 16,0                                      |      |
|                                     | 3,7   | 780,3            | 1757,0                                | 1,8                        | P E 125 780,26  | T 80A2          | 10,5                                      |      |
|                                     | 3,7   | 251,2            | 1761,7                                | 2,0                        | P E 125 251,17  | T 80C6          | 10,5                                      |      |
|                                     | 3,6   | 780,3            | 1791,0                                | 1,8                        | P E 125 780,26  | T 71C2          | 10,5                                      |      |
|                                     | 3,6   | 260,3            | 1806,1                                | 2,2                        | P E 132 260,34  | T 90S6          | 12,0                                      |      |
|                                     | 3,5   | 260,3            | 1825,9                                | 2,2                        | P E 132 260,34  | T 80C6          | 12,0                                      |      |
|                                     | 3,5   | 265,4            | 1842,0                                | 3,3                        | P E 150 265,44  | T 90S6          | 16,0                                      |      |
|                                     | 3,5   | 817,4            | 1842,1                                | 1,9                        | P E 132 817,42  | T 80A2          | 12,0                                      |      |
|                                     | 3,5   | 266,2            | 1908,8                                | 1,3                        | P L 95 3 266,2  | T 90S6          | 16,0                                      |      |
|                                     | 3,5   | 265,4            | 1858,0                                | 3,2                        | P E 150 265,44  | T 80C6          | 16,0                                      |      |
|                                     | 3,5   | 266,2            | 1925,1                                | 1,2                        | P L 95 3 266,2  | T 80C6          | 16,0                                      |      |
|                                     | 3,4   | 831,2            | 1874,1                                | 2,9                        | P E 150 831,21  | T 80A2          | 16,0                                      |      |
|                                     | 3,4   | 817,4            | 1873,7                                | 1,9                        | P E 132 817,42  | T 71C2          | 12,0                                      |      |
|                                     | 3,4   | 416,3            | 1873,7                                | 1,9                        | P E 125 416,28  | T 80B4          | 10,5                                      |      |
|                                     | 3,4   | 420,9            | 1896,3                                | 3,2                        | P E 150 420,86  | T 80B4          | 16,0                                      |      |
|                                     | 3,4   | 273,5            | 1895,7                                | 1,7                        | P E 125 273,48  | T 90S6          | 10,5                                      |      |
|                                     | 3,4   | 831,2            | 1906,8                                | 2,8                        | P E 150 831,21  | T 71C2          | 16,0                                      |      |
|                                     | 3,4   | 273,5            | 1918,5                                | 1,7                        | P E 125 273,48  | T 80C6          | 10,5                                      |      |
|                                     | 3,3   | 278,1            | 1993,0                                | 1,0                        | P - 112 3 278,1 | T 90S6          | 11,8                                      |      |
|                                     | 3,3   | 280,9            | 1947,2                                | 3,1                        | P E 150 280,94  | T 90S6          | 16,0                                      |      |
|                                     | 3,3   | 278,1            | 2012,7                                | 0,9                        | P - 112 3 278,1 | T 80C6          | 11,8                                      |      |
|                                     | 3,3   | 870,6            | 1965,1                                | 2,7                        | P E 150 870,64  | T 80A2          | 16,0                                      |      |
|                                     | 3,3   | 280,9            | 1971,1                                | 3,0                        | P E 150 280,94  | T 80C6          | 16,0                                      |      |
|                                     | 3,3   | 286,5            | 1982,8                                | 2,0                        | P E 132 286,51  | T 90S6          | 12,0                                      |      |
|                                     | 3,3   | 439,7            | 1982,8                                | 2,0                        | P E 132 439,72  | T 80B4          | 12,0                                      |      |
|                                     | 3,2   | 870,6            | 1996,1                                | 2,7                        | P E 150 870,64  | T 71C2          | 16,0                                      |      |
|                                     | 3,2   | 286,5            | 2008,0                                | 2,0                        | P E 132 286,51  | T 80C6          | 12,0                                      |      |
|                                     | 3,2   | 905,7            | 2039,6                                | 1,7                        | P E 132 905,66  | T 80A2          | 12,0                                      |      |
|                                     | 3,2   | 904,3            | 2039,9                                | 1,5                        | P E 125 904,27  | T 80A2          | 10,5                                      |      |
|                                     | 3,1   | 458,3            | 2066,1                                | 2,9                        | P E 150 458,31  | T 80B4          | 16,0                                      |      |
|                                     | 3,1   | 904,3            | 2071,8                                | 1,4                        | P E 125 904,27  | T 71C2          | 10,5                                      |      |
|                                     | 3,1   | 461,9            | 2080,0                                | 1,7                        | P E 125 461,93  | T 80B4          | 10,5                                      |      |
|                                     | 3,1   | 905,7            | 2080,0                                | 1,7                        | P E 132 905,66  | T 71C2          | 12,0                                      |      |
|                                     | 3,0   | 948,1            | 2134,9                                | 2,5                        | P E 150 948,12  | T 80A2          | 16,0                                      |      |
|                                     | 3,0   | 307,7            | 2134,1                                | 1,6                        | P E 125 307,71  | T 90S6          | 10,5                                      |      |
|                                     | 3,0   | 310,5            | 2149,0                                | 2,8                        | P E 150 310,47  | T 90S6          | 16,0                                      |      |
|                                     | 3,0   | 307,7            | 2155,2                                | 1,6                        | P E 125 307,71  | T 80C6          | 10,5                                      |      |
|                                     | 3,0   | 310,5            | 2178,1                                | 2,8                        | P E 150 310,47  | T 80C6          | 16,0                                      |      |
|                                     | 3,0   | 948,1            | 2177,4                                | 2,5                        | P E 150 948,12  | T 71C2          | 16,0                                      |      |
|                                     | 3,0   | 483,9            | 2177,1                                | 1,8                        | P E 132 483,92  | T 80B4          | 12,0                                      |      |
|                                     | 2,9   | 316,6            | 2193,0                                | 1,8                        | P E 132 316,62  | T 90S6          | 12,0                                      |      |
|                                     | 2,9   | 981,4            | 2215,5                                | 3,7                        | P E 170 981,35  | T 80A2          | 21,0                                      |      |
|                                     | 2,9   | 316,6            | 2215,7                                | 1,8                        | P E 132 316,62  | T 80C6          | 12,0                                      |      |
|                                     | 2,9   | 981,4            | 2254,2                                | 3,6                        | P E 170 981,35  | T 71C2          | 21,0                                      |      |
|                                     | 2,9   | 325,0            | 2253,4                                | 2,7                        | P E 150 325     | T 90S6          | 16,0                                      |      |
|                                     | 2,9   | 501,5            | 2261,3                                | 2,7                        | P E 150 501,52  | T 80B4          | 16,0                                      |      |
|                                     | 2,8   | 325,0            | 2277,3                                | 2,6                        | P E 150 325     | T 80C6          | 16,0                                      |      |
|                                     | 2,8   | 330,6            | 2294,4                                | 3,9                        | P E 170 330,6   | T 90S6          | 21,0                                      |      |
|                                     | 2,8   | 330,6            | 2318,8                                | 3,9                        | P E 170 330,6   | T 80C6          | 21,0                                      |      |
|                                     | 2,8   | 1037,5           | 2335,6                                | 2,3                        | P E 150 1037,52 | T 80A2          | 16,0                                      |      |
|                                     | 2,8   | 520,0            | 2343,8                                | 3,8                        | P E 170 520,04  | T 80B4          | 21,0                                      |      |
|                                     | 2,8   | 519,6            | 2343,7                                | 1,5                        | P E 125 519,6   | T 80B4          | 10,5                                      |      |
|                                     | 2,7   | 524,8            | 2360,3                                | 1,7                        | P E 132 524,76  | T 80B4          | 12,0                                      |      |
|                                     | 2,7   | 1037,5           | 2378,2                                | 2,3                        | P E 150 1037,52 | T 71C2          | 16,0                                      |      |
|                                     | 2,7   | 1064,2           | 2396,4                                | 3,4                        | P E 170 1064,22 | T 80A2          | 21,0                                      |      |
|                                     | 2,7   | 350,3            | 2422,2                                | 1,1                        | P E 125 350,27  | T 90S6          | 10,5                                      |      |
|                                     | 2,6   | 1064,2           | 2441,7                                | 3,3                        | P E 170 1064,22 | T 71C2          | 21,0                                      |      |
|                                     | 2,6   | 352,5            | 2441,0                                | 1,6                        | P E 132 352,46  | T 90S6          | 12,0                                      |      |
|                                     | 2,6   | 543,9            | 2451,0                                | 1,6                        | P E 132 543,89  | T 80B4          | 12,0                                      |      |
|                                     | 2,6   | 350,3            | 2451,6                                | 1,1                        | P E 125 350,27  | T 80C6          | 10,5                                      |      |
|                                     | 2,6   | 352,5            | 2469,1                                | 1,6                        | P E 132 352,46  | T 80C6          | 12,0                                      |      |
|                                     | 2,6   | 357,1            | 2478,9                                | 3,6                        | P E 170 357,1   | T 90S6          | 21,0                                      |      |
|                                     | 2,6   | 549,0            | 2479,3                                | 2,4                        | P E 150 548,95  | T 80B4          | 16,0                                      |      |
|                                     | 2,6   | 359,2            | 2488,9                                | 2,4                        | P E 150 359,17  | T 90S6          | 16,0                                      |      |
|                                     | 2,6   | 357,1            | 2498,1                                | 3,6                        | P E 170 357,1   | T 80C6          | 21,0                                      |      |
|                                     | 2,6   | 559,2            | 2517,7                                | 3,6                        | P E 170 559,19  | T 80B4          | 21,0                                      |      |
|                                     | 2,6   | 359,2            | 2518,2                                | 2,4                        | P E 150 359,17  | T 80C6          | 16,0                                      |      |
|                                     | 0,75  | 2,5              | 1158,9                                | 2609,5                     | 3,1             | P E 170 1158,92 | T 80A2                                    | 21,0 |





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|--------|---|
| 0,75                                | 2,5   | 377,5            | 2620,3                               | 3,4                        | P E 170 377,45  | T 90S6 | 21,0                                      |
|                                     | 2,5   | 580,5            | 2620,5                               | 1,1                        | P E 125 580,52  | T 80B4 | 10,5                                      |
|                                     | 2,4   | 377,5            | 2641,9                               | 3,4                        | P E 170 377,45  | T 80C6 | 21,0                                      |
|                                     | 2,4   | 380,8            | 2642,4                               | 2,3                        | P E 150 380,82  | T 90S6 | 16,0                                      |
|                                     | 2,4   | 1175,0           | 2652,1                               | 0,9                        | P E 125 1175,04 | T 80A2 | 10,5                                      |
|                                     | 2,4   | 1158,9           | 2663,3                               | 3,0                        | P E 170 1158,92 | T 71C2 | 21,0                                      |
|                                     | 2,4   | 380,8            | 2664,3                               | 2,3                        | P E 150 380,82  | T 80C6 | 16,0                                      |
|                                     | 2,4   | 1183,2           | 2664,5                               | 2,0                        | P E 150 1183,21 | T 80A2 | 16,0                                      |
|                                     | 2,4   | 383,9            | 2665,0                               | 1,3                        | P E 125 383,88  | T 90S6 | 10,5                                      |
|                                     | 2,4   | 595,3            | 2686,6                               | 2,2                        | P E 150 595,28  | T 80B4 | 16,0                                      |
|                                     | 2,4   | 387,9            | 2685,8                               | 1,5                        | P E 132 387,9   | T 90S6 | 12,0                                      |
|                                     | 2,4   | 595,2            | 2685,8                               | 1,5                        | P E 132 595,18  | T 80B4 | 12,0                                      |
|                                     | 2,4   | 383,9            | 2686,8                               | 1,3                        | P E 125 383,88  | T 80C6 | 10,5                                      |
|                                     | 2,4   | 1175,0           | 2697,8                               | 0,9                        | P E 125 1175,04 | T 71C2 | 10,5                                      |
|                                     | 2,4   | 1183,2           | 2719,9                               | 2,0                        | P E 150 1183,21 | T 71C2 | 16,0                                      |
|                                     | 2,4   | 387,9            | 2719,9                               | 1,5                        | P E 132 387,9   | T 80C6 | 12,0                                      |
|                                     | 2,4   | 606,4            | 2731,7                               | 3,3                        | P E 170 606,41  | T 80B4 | 21,0                                      |
|                                     | 2,3   | 625,2            | 2813,5                               | 1,2                        | P E 125 625,23  | T 80B4 | 10,5                                      |
|                                     | 2,3   | 409,3            | 2839,7                               | 3,2                        | P E 170 409,33  | T 90S6 | 21,0                                      |
|                                     | 2,3   | 1268,2           | 2852,1                               | 2,8                        | P E 170 1268,2  | T 80A2 | 21,0                                      |
|                                     | 2,3   | 409,3            | 2865,0                               | 3,1                        | P E 170 409,33  | T 80C6 | 21,0                                      |
|                                     | 2,2   | 416,3            | 2891,0                               | 1,2                        | P E 125 416,28  | T 90S6 | 10,5                                      |
|                                     | 2,2   | 1268,2           | 2904,0                               | 4,0                        | P E 190 1268,2  | T 71C2 | 27,0                                      |
|                                     | 2,2   | 1268,2           | 2903,9                               | 2,8                        | P E 170 1268,2  | T 71C2 | 21,0                                      |
|                                     | 2,2   | 643,2            | 2903,2                               | 2,1                        | P E 150 643,23  | T 80B4 | 16,0                                      |
|                                     | 2,2   | 420,9            | 2916,4                               | 2,1                        | P E 150 420,86  | T 90S6 | 16,0                                      |
|                                     | 2,2   | 1294,8           | 2917,9                               | 1,9                        | P E 150 1294,77 | T 80A2 | 16,0                                      |
|                                     | 2,2   | 416,3            | 2916,7                               | 1,2                        | P E 125 416,28  | T 80C6 | 10,5                                      |
|                                     | 2,2   | 648,4            | 2916,7                               | 1,2                        | P E 125 648,43  | T 80B4 | 10,5                                      |
|                                     | 2,2   | 649,0            | 2929,7                               | 3,1                        | P E 170 649     | T 80B4 | 21,0                                      |
|                                     | 2,2   | 420,9            | 2943,1                               | 2,0                        | P E 150 420,86  | T 80C6 | 16,0                                      |
|                                     | 2,2   | 655,0            | 2955,7                               | 1,4                        | P E 132 655,01  | T 80B4 | 12,0                                      |
|                                     | 2,2   | 1294,8           | 2971,4                               | 1,8                        | P E 150 1294,77 | T 71C2 | 16,0                                      |
|                                     | 2,1   | 439,7            | 3055,0                               | 1,3                        | P E 132 439,72  | T 90S6 | 12,0                                      |
|                                     | 2,1   | 445,6            | 3085,0                               | 2,9                        | P E 170 445,6   | T 90S6 | 21,0                                      |
|                                     | 2,1   | 439,7            | 3083,2                               | 1,3                        | P E 132 439,72  | T 80C6 | 12,0                                      |
|                                     | 2,1   | 445,6            | 3129,3                               | 2,9                        | P E 170 445,6   | T 80C6 | 21,0                                      |
|                                     | 2,1   | 448,2            | 3144,9                               | 4,0                        | P E 190 448,15  | T 80C6 | 27,0                                      |
|                                     | 2,1   | 1395,7           | 3144,4                               | 3,7                        | P E 190 1395,69 | T 80A2 | 27,0                                      |
|                                     | 2,1   | 697,9            | 3143,9                               | 2,9                        | P E 170 697,85  | T 80B4 | 21,0                                      |
|                                     | 2,1   | 1395,7           | 3144,4                               | 2,6                        | P E 170 1395,69 | T 80A2 | 21,0                                      |
|                                     | 2,1   | 697,5            | 3144,7                               | 1,9                        | P E 150 697,51  | T 80B4 | 16,0                                      |
|                                     | 2,0   | 704,9            | 3175,8                               | 3,9                        | P E 190 704,94  | T 80B4 | 27,0                                      |
|                                     | 2,0   | 458,3            | 3175,7                               | 1,9                        | P E 150 458,31  | T 90S6 | 16,0                                      |
|                                     | 2,0   | 1395,7           | 3207,5                               | 3,6                        | P E 190 1395,69 | T 71C2 | 27,0                                      |
|                                     | 2,0   | 1395,7           | 3207,5                               | 2,5                        | P E 170 1395,69 | T 71C2 | 21,0                                      |
|                                     | 2,0   | 458,3            | 3207,4                               | 1,9                        | P E 150 458,31  | T 80C6 | 16,0                                      |
|                                     | 2,0   | 1424,9           | 3206,7                               | 1,7                        | P E 150 1424,94 | T 80A2 | 16,0                                      |
|                                     | 2,0   | 461,9            | 3209,0                               | 1,1                        | P E 125 461,93  | T 90S6 | 10,5                                      |
|                                     | 2,0   | 461,9            | 3240,7                               | 1,1                        | P E 125 461,93  | T 80C6 | 10,5                                      |
|                                     | 2,0   | 1424,9           | 3271,4                               | 1,7                        | P E 150 1424,94 | T 71C2 | 16,0                                      |
|                                     | 2,0   | 724,6            | 3270,3                               | 0,9                        | P E 125 724,6   | T 80B4 | 10,5                                      |
|                                     | 1,9   | 742,8            | 3340,8                               | 1,2                        | P E 132 742,75  | T 80B4 | 12,0                                      |
|                                     | 1,9   | 483,2            | 3357,8                               | 3,7                        | P E 190 483,23  | T 90S6 | 27,0                                      |
|                                     | 1,9   | 483,2            | 3358,2                               | 2,7                        | P E 170 483,23  | T 90S6 | 21,0                                      |
|                                     | 1,9   | 743,0            | 3358,2                               | 1,8                        | P E 150 743,02  | T 80B4 | 16,0                                      |
|                                     | 1,9   | 483,9            | 3355,7                               | 1,2                        | P E 132 483,92  | T 90S6 | 12,0                                      |
|                                     | 1,9   | 483,2            | 3393,1                               | 3,7                        | P E 190 483,23  | T 80C6 | 27,0                                      |
|                                     | 1,9   | 483,2            | 3392,0                               | 2,7                        | P E 170 483,23  | T 80C6 | 21,0                                      |
|                                     | 1,9   | 483,9            | 3393,7                               | 1,2                        | P E 132 483,92  | T 80C6 | 12,0                                      |
|                                     | 1,9   | 756,8            | 3410,3                               | 3,7                        | P E 190 756,78  | T 80B4 | 27,0                                      |
|                                     | 1,9   | 756,8            | 3410,8                               | 2,6                        | P E 170 756,78  | T 80B4 | 21,0                                      |
|                                     | 1,9   | 766,5            | 3448,3                               | 1,7                        | P E 150 766,52  | T 80B4 | 16,0                                      |
|                                     | 1,9   | 1546,4           | 3484,8                               | 3,3                        | P E 190 1546,36 | T 80A2 | 27,0                                      |
|                                     | 1,9   | 1546,4           | 3485,4                               | 2,3                        | P E 170 1546,36 | T 80A2 | 21,0                                      |
|                                     | 1,9   | 501,5            | 3485,7                               | 1,7                        | P E 150 501,52  | T 90S6 | 16,0                                      |
|                                     | 1,8   | 501,5            | 3523,9                               | 1,7                        | P E 150 501,52  | T 80C6 | 16,0                                      |
|                                     | 1,8   | 780,3            | 3523,5                               | 1,0                        | P E 125 780,26  | T 80B4 | 10,5                                      |
|                                     | 1,8   | 1546,4           | 3542,1                               | 3,2                        | P E 190 1546,36 | T 71C2 | 27,0                                      |
|                                     | 1,8   | 1546,4           | 3542,3                               | 2,3                        | P E 170 1546,36 | T 71C2 | 21,0                                      |
|                                     | 1,8   | 1578,8           | 3562,0                               | 1,5                        | P E 150 1578,76 | T 80A2 | 16,0                                      |
|                                     | 1,8   | 520,0            | 3601,9                               | 2,5                        | P E 170 520,04  | T 90S6 | 21,0                                      |
|                                     | 1,8   | 519,6            | 3600,8                               | 1,0                        | P E 125 519,6   | T 90S6 | 10,5                                      |
|                                     | 1,8   | 1578,8           | 3622,5                               | 1,5                        | P E 150 1578,76 | T 71C2 | 16,0                                      |
|                                     | 1,8   | 526,2            | 3642,2                               | 3,4                        | P E 190 526,24  | T 90S6 | 27,0                                      |
|                                     | 1,8   | 520,0            | 3642,7                               | 2,5                        | P E 170 520,04  | T 80C6 | 21,0                                      |
|                                     | 1,8   | 524,8            | 3640,8                               | 1,1                        | P E 132 524,76  | T 90S6 | 12,0                                      |
|                                     | 1,8   | 519,6            | 3640,8                               | 1,0                        | P E 125 519,6   | T 80C6 | 10,5                                      |
|                                     | 1,8   | 811,3            | 3662,5                               | 2,5                        | P E 170 811,25  | T 80B4 | 21,0                                      |
|                                     | 1,8   | 526,2            | 3683,7                               | 3,4                        | P E 190 526,24  | T 80C6 | 27,0                                      |
|                                     | 1,8   | 524,8            | 3685,5                               | 1,1                        | P E 132 524,76  | T 80C6 | 12,0                                      |
|                                     | 1,8   | 817,4            | 3685,5                               | 1,1                        | P E 132 817,42  | T 80B4 | 12,0                                      |
|                                     | 1,7   | 824,1            | 3704,1                               | 3,4                        | P E 190 824,12  | T 80B4 | 27,0                                      |
|                                     | 1,7   | 831,2            | 3746,9                               | 1,6                        | P E 150 831,21  | T 80B4 | 16,0                                      |
|                                     | 1,7   | 543,9            | 3768,8                               | 1,1                        | P E 132 543,89  | T 90S6 | 12,0                                      |
|                                     | 1,7   | 549,0            | 3813,6                               | 1,6                        | P E 150 548,95  | T 90S6 | 16,0                                      |
|                                     | 1,7   | 543,9            | 3811,9                               | 1,0                        | P E 132 543,89  | T 80C6 | 12,0                                      |
|                                     | 1,7   | 549,0            | 3836,3                               | 1,6                        | P E 150 548,95  | T 80C6 | 16,0                                      |
|                                     | 1,7   | 559,2            | 3883,8                               | 2,3                        | P E 170 559,19  | T 90S6 | 21,0                                      |
|                                     | 1,7   | 559,2            | 3906,2                               | 2,3                        | P E 170 559,19  | T 80C6 | 21,0                                      |
|                                     | 1,6   | 870,6            | 3930,1                               | 1,5                        | P E 150 870,64  | T 80B4 | 16,0                                      |
|                                     | 1,6   | 879,8            | 3954,0                               | 3,2                        | P E 190 879,75  | T 80B4 | 27,0                                      |
|                                     | 1,6   | 879,8            | 3954,3                               | 2,3                        | P E 170 879,75  | T 80B4 | 21,0                                      |
|                                     | 1,6   | 575,9            | 4004,7                               | 3,1                        | P E 190 575,86  | T 90S6 | 27,0                                      |
|                                     | 1,6   | 575,9            | 4028,8                               | 3,1                        | P E 190 575,86  | T 80C6 | 27,0                                      |



**0.75**  
**kW**

HIGH TECH *line* Motion

**FAMCO**  
هایپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|

|      |        |        |     |                 |        |      |
|------|--------|--------|-----|-----------------|--------|------|
| 1.6  | 580.5  | 4027.8 | 0.7 | P E 125 580,52  | T 90S6 | 10,5 |
| 1.6  | 905.7  | 4081.6 | 1.0 | P E 132 905,66  | T 80B4 | 12,0 |
| 1.6  | 904.3  | 4081.6 | 0.8 | P E 125 904,27  | T 80B4 | 10,5 |
| 1.6  | 580.5  | 4080.7 | 0.7 | P E 125 580,52  | T 80C6 | 10,5 |
| 1.6  | 595.3  | 4132.2 | 1.5 | P E 150 595,28  | T 90S6 | 16,0 |
| 1.6  | 595.2  | 4132.2 | 1.0 | P E 132 595,18  | T 90S6 | 12,0 |
| 1.6  | 595.3  | 4159.0 | 1.4 | P E 150 595,28  | T 80C6 | 16,0 |
| 1.6  | 595.2  | 4160.9 | 1.0 | P E 132 595,18  | T 80C6 | 12,0 |
| 1.5  | 606.4  | 4213.5 | 3.0 | P E 190 606,41  | T 90S6 | 27,0 |
| 1.5  | 606.4  | 4213.5 | 2.1 | P E 170 606,41  | T 90S6 | 21,0 |
| 1.5  | 606.4  | 4240.2 | 2.9 | P E 190 606,41  | T 80C6 | 27,0 |
| 1.5  | 606.4  | 4239.9 | 2.1 | P E 170 606,41  | T 80C6 | 21,0 |
| 1.5  | 948.1  | 4269.4 | 1.4 | P E 150 948,12  | T 80B4 | 16,0 |
| 1.5  | 958.0  | 4326.3 | 2.9 | P E 190 958,04  | T 80B4 | 27,0 |
| 1.5  | 625.2  | 4324.5 | 0.8 | P E 125 625,23  | T 90S6 | 10,5 |
| 1.5  | 625.2  | 4382.3 | 0.8 | P E 125 625,23  | T 80C6 | 10,5 |
| 1.5  | 981.4  | 4414.7 | 2.0 | P E 170 981,35  | T 80B4 | 21,0 |
| 1.5  | 643.2  | 4446.6 | 1.3 | P E 150 643,23  | T 90S6 | 16,0 |
| 1.4  | 649.0  | 4509.0 | 2.0 | P E 170 649     | T 90S6 | 21,0 |
| 1.4  | 643.2  | 4509.0 | 1.3 | P E 150 643,23  | T 80C6 | 16,0 |
| 1.4  | 648.4  | 4510.3 | 0.8 | P E 125 648,43  | T 90S6 | 10,5 |
| 1.4  | 649.0  | 4539.3 | 2.0 | P E 170 649     | T 80C6 | 21,0 |
| 1.4  | 655.0  | 4538.6 | 0.9 | P E 132 655,01  | T 90S6 | 12,0 |
| 1.4  | 648.4  | 4541.5 | 0.8 | P E 125 648,43  | T 80C6 | 10,5 |
| 1.4  | 660.4  | 4570.9 | 2.7 | P E 190 660,37  | T 90S6 | 27,0 |
| 1.4  | 655.0  | 4601.2 | 0.9 | P E 132 655,01  | T 80C6 | 12,0 |
| 1.4  | 660.4  | 4636.5 | 2.7 | P E 190 660,37  | T 80C6 | 27,0 |
| 1.4  | 1037.5 | 4672.9 | 1.3 | P E 150 1037,52 | T 80B4 | 16,0 |
| 1.3  | 1064.2 | 4810.2 | 2.6 | P E 190 1064,22 | T 80B4 | 27,0 |
| 1.3  | 1064.2 | 4811.1 | 1.9 | P E 170 1064,22 | T 80B4 | 21,0 |
| 1.3  | 697.9  | 4845.7 | 1.9 | P E 170 697,85  | T 90S6 | 21,0 |
| 1.3  | 697.5  | 4849.1 | 1.2 | P E 150 697,51  | T 90S6 | 16,0 |
| 1.3  | 704.9  | 4882.8 | 2.6 | P E 190 704,94  | T 90S6 | 27,0 |
| 1.3  | 697.9  | 4884.2 | 1.8 | P E 170 697,85  | T 80C6 | 21,0 |
| 1.3  | 697.5  | 4886.0 | 1.2 | P E 150 697,51  | T 80C6 | 16,0 |
| 1.3  | 704.9  | 4921.3 | 2.5 | P E 190 704,94  | T 80C6 | 27,0 |
| 1.3  | 743.0  | 5154.6 | 1.2 | P E 150 743,02  | T 90S6 | 16,0 |
| 1.3  | 742.8  | 5154.6 | 0.8 | P E 132 742,75  | T 90S6 | 12,0 |
| 1.2  | 743.0  | 5196.3 | 1.2 | P E 150 743,02  | T 80C6 | 16,0 |
| 1.2  | 742.8  | 5199.3 | 0.8 | P E 132 742,75  | T 80C6 | 12,0 |
| 1.2  | 1158.9 | 5240.4 | 2.4 | P E 190 1158,92 | T 80B4 | 27,0 |
| 1.2  | 756.8  | 5240.4 | 2.4 | P E 190 756,78  | T 90S6 | 27,0 |
| 1.2  | 756.8  | 5240.7 | 1.7 | P E 170 756,78  | T 90S6 | 21,0 |
| 1.2  | 1158.9 | 5240.7 | 1.7 | P E 170 1158,92 | T 80B4 | 21,0 |
| 1.2  | 756.8  | 5284.7 | 2.4 | P E 190 756,78  | T 80C6 | 27,0 |
| 1.2  | 756.8  | 5285.8 | 1.7 | P E 170 756,78  | T 80C6 | 21,0 |
| 1.2  | 766.5  | 5325.4 | 1.1 | P E 150 766,52  | T 90S6 | 16,0 |
| 1.2  | 1183.2 | 5325.4 | 1.1 | P E 150 1183,21 | T 80B4 | 16,0 |
| 1.2  | 766.5  | 5369.9 | 1.1 | P E 150 766,52  | T 80C6 | 16,0 |
| 1.2  | 811.3  | 5606.3 | 1.6 | P E 170 811,25  | T 90S6 | 21,0 |
| 1.1  | 817.4  | 5649.7 | 0.7 | P E 132 817,42  | T 90S6 | 12,0 |
| 1.1  | 824.1  | 5706.0 | 2.2 | P E 190 824,12  | T 90S6 | 27,0 |
| 1.1  | 1268.2 | 5706.0 | 2.2 | P E 190 1268,2  | T 80B4 | 27,0 |
| 1.1  | 811.3  | 5705.8 | 1.6 | P E 170 811,25  | T 80C6 | 21,0 |
| 1.1  | 1268.2 | 5705.8 | 1.6 | P E 170 1268,2  | T 80B4 | 21,0 |
| 1.1  | 817.4  | 5703.4 | 0.7 | P E 132 817,42  | T 80C6 | 12,0 |
| 1.1  | 824.1  | 5755.1 | 2.2 | P E 190 824,12  | T 80C6 | 27,0 |
| 1.1  | 831.2  | 5754.5 | 1.0 | P E 150 831,21  | T 90S6 | 16,0 |
| 1.1  | 831.2  | 5806.5 | 1.0 | P E 150 831,21  | T 80C6 | 16,0 |
| 1.1  | 1294.8 | 5859.4 | 1.0 | P E 150 1294,77 | T 80B4 | 16,0 |
| 1.1  | 870.6  | 6024.1 | 1.0 | P E 150 870,64  | T 90S6 | 16,0 |
| 1.1  | 879.8  | 6079.8 | 2.1 | P E 190 879,75  | T 90S6 | 27,0 |
| 1.1  | 879.8  | 6081.1 | 1.5 | P E 170 879,75  | T 90S6 | 21,0 |
| 1.1  | 870.6  | 6081.1 | 1.0 | P E 150 870,64  | T 80C6 | 16,0 |
| 1.1  | 879.8  | 6139.5 | 2.0 | P E 190 879,75  | T 80C6 | 27,0 |
| 1.1  | 879.8  | 6141.9 | 1.5 | P E 170 879,75  | T 80C6 | 21,0 |
| 1.0  | 1395.7 | 6321.6 | 2.0 | P E 190 1395,69 | T 80B4 | 27,0 |
| 1.0  | 1395.7 | 6320.2 | 1.4 | P E 170 1395,69 | T 80B4 | 21,0 |
| 1.0  | 1424.9 | 6447.0 | 0.9 | P E 150 1424,94 | T 80B4 | 16,0 |
| 1.0  | 948.1  | 6578.9 | 0.9 | P E 150 948,12  | T 90S6 | 16,0 |
| 1.0  | 958.0  | 6644.2 | 1.9 | P E 190 958,04  | T 90S6 | 27,0 |
| 1.0  | 948.1  | 6647.0 | 0.9 | P E 150 948,12  | T 80C6 | 16,0 |
| 1.0  | 958.0  | 6715.6 | 1.9 | P E 190 958,04  | T 80C6 | 27,0 |
| 1.0  | 981.4  | 6783.9 | 1.3 | P E 170 981,35  | T 90S6 | 21,0 |
| 0.94 | 981.4  | 6859.8 | 1.3 | P E 170 981,35  | T 80C6 | 21,0 |
| 0.92 | 1546.4 | 7006.7 | 1.8 | P E 190 1546,36 | T 80B4 | 27,0 |
| 0.92 | 1546.4 | 7009.3 | 1.3 | P E 170 1546,36 | T 80B4 | 21,0 |
| 0.91 | 1578.8 | 7086.6 | 0.8 | P E 150 1578,76 | T 80B4 | 16,0 |
| 0.90 | 1037.5 | 7165.6 | 0.8 | P E 150 1037,52 | T 90S6 | 16,0 |
| 0.89 | 1037.5 | 7246.4 | 0.8 | P E 150 1037,52 | T 80C6 | 16,0 |
| 0.87 | 1064.2 | 7411.1 | 1.7 | P E 190 1064,22 | T 90S6 | 27,0 |
| 0.87 | 1064.2 | 7409.4 | 1.2 | P E 170 1064,22 | T 90S6 | 21,0 |
| 0.86 | 1064.2 | 7494.0 | 1.7 | P E 190 1064,22 | T 80C6 | 27,0 |
| 0.86 | 1064.2 | 7491.7 | 1.2 | P E 170 1064,22 | T 80C6 | 21,0 |
| 0.80 | 1158.9 | 8061.0 | 1.6 | P E 190 1158,92 | T 90S6 | 27,0 |
| 0.80 | 1158.9 | 8054.9 | 1.1 | P E 170 1158,92 | T 90S6 | 21,0 |
| 0.79 | 1158.9 | 8159.3 | 1.5 | P E 190 1158,92 | T 80C6 | 27,0 |
| 0.79 | 1158.9 | 8162.0 | 1.1 | P E 170 1158,92 | T 80C6 | 21,0 |
| 0.79 | 1183.2 | 8167.0 | 0.7 | P E 150 1183,21 | T 90S6 | 16,0 |
| 0.78 | 1183.2 | 8256.9 | 0.7 | P E 150 1183,21 | T 80C6 | 16,0 |
| 0.73 | 1268.2 | 8827.7 | 1.4 | P E 190 1268,2  | T 90S6 | 27,0 |
| 0.73 | 1268.2 | 8827.7 | 1.4 | P E 190 1268,2  | T 80C6 | 27,0 |
| 0.73 | 1268.2 | 8835.1 | 1.0 | P E 170 1268,2  | T 80C6 | 21,0 |
| 0.73 | 1268.2 | 8835.1 | 1.0 | P E 170 1268,2  | T 90S6 | 21,0 |
| 0.67 | 1395.7 | 9625.3 | 1.3 | P E 190 1395,69 | T 90S6 | 27,0 |

0,75

E68

CT17 IGBD 4.0

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۴







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                 |               | Ptn<br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|-----------------|---------------|-------------------------------|
| <b>0,75</b>                         | 0.67  | 1395.7           | 9615.4                   | 0.9                        | P E 170 1395.69 | T 90S6        | 21.0                          |
|                                     | 0.66  | 1395.7           | 9765.6                   | 1.3                        | P E 190 1395.69 | T 80C6        | 27.0                          |
|                                     | 0.66  | 1395.7           | 9768.5                   | 0.9                        | P E 170 1395.69 | T 80C6        | 21.0                          |
|                                     | 0.60  | 1546.4           | 10738.8                  | 1.2                        | P E 190 1546.36 | T 90S6        | 27.0                          |
|                                     | 0.60  | 1546.4           | 10748.4                  | 0.8                        | P E 170 1546.36 | T 90S6        | 21.0                          |
|                                     | 0.59  | 1546.4           | 10926.6                  | 1.1                        | P E 190 1546.36 | T 80C6        | 27.0                          |
|                                     | 0.59  | 1546.4           | 10922.3                  | 0.8                        | P E 170 1546.36 | T 80C6        | 21.0                          |
|                                     | <b>0,88</b>   | 135.6            | 10.4                     | 58.9                       | 3.7             | P - 63 2 10.4 | T 80C4                        |
| 119.5                               |   | 11.8             | 66.8                     | 3.5                        | P - 63 2 11.8   | T 80C4        | 5.6                           |
| 104.4                               |   | 13.5             | 76.4                     | 3.3                        | P - 63 2 13.5   | T 80C4        | 5.6                           |
| 97.9                                |   | 14.4             | 81.6                     | 2.7                        | P - 63 2 14.4   | T 80C4        | 5.6                           |
| 83.4                                |   | 16.9             | 95.7                     | 2.6                        | P - 63 2 16.9   | T 80C4        | 5.6                           |
| 82.0                                |   | 17.2             | 95.3                     | 1.0                        | P L 25 3 17.2   | T 80C4        | 4.0                           |
| 71.2                                |   | 19.8             | 112.1                    | 2.2                        | P - 63 2 19.8   | T 80C4        | 5.6                           |
| 69.1                                |   | 20.4             | 113.1                    | 0.9                        | P L 25 3 20.4   | T 80C4        | 4.0                           |
| 68.8                                |   | 20.5             | 116.1                    | 2.0                        | P - 63 2 20.5   | T 80C4        | 5.6                           |
| 64.4                                |   | 21.9             | 124.0                    | 3.7                        | P - 71 2 21.9   | T 80C4        | 7.5                           |
| 59.2                                |   | 23.8             | 131.9                    | 0.8                        | P L 25 3 23.8   | T 80C4        | 4.0                           |
| 58.5                                |   | 24.1             | 136.5                    | 1.7                        | P - 63 2 24.1   | T 80C4        | 5.6                           |
| 55.7                                |   | 25.3             | 143.2                    | 2.9                        | P - 71 2 25.3   | T 80C4        | 7.5                           |
| 54.0                                |   | 26.1             | 147.8                    | 1.6                        | P - 63 2 26.1   | T 80C4        | 5.6                           |
| 49.7                                |   | 28.4             | 160.7                    | 3.7                        | P - 80 2 28.38  | T 80C4        | 7.5                           |
| 49.1                                |   | 28.7             | 159.1                    | 1.6                        | P L 45 3 28.7   | T 80C4        | 6.5                           |
| 49.0                                |   | 28.8             | 163.1                    | 2.8                        | P - 71 2 28.8   | T 80C4        | 7.5                           |
| 46.8                                |   | 30.2             | 170.7                    | 3.5                        | P - 80 2 30.15  | T 80C4        | 7.5                           |
| 44.5                                |   | 31.7             | 179.4                    | 1.3                        | P - 63 2 31.7   | T 80C4        | 5.6                           |
| 44.1                                |   | 32.0             | 177.4                    | 1.4                        | P L 45 3 32     | T 80C4        | 6.5                           |
| 43.7                                |   | 32.3             | 179.0                    | 3.4                        | P L 65 3 32.3   | T 80C4        | 8.0                           |
| 42.6                                |   | 33.1             | 187.4                    | 2.2                        | P - 71 2 33.1   | T 80C4        | 7.5                           |
| 40.5                                |   | 34.8             | 197.0                    | 3.0                        | P - 80 2 34.79  | T 80C4        | 7.5                           |
| 38.5                                |   | 36.6             | 207.4                    | 1.2                        | P - 63 2 36.6   | T 80C4        | 5.6                           |
| 37.8                                |   | 37.3             | 211.2                    | 1.9                        | P - 71 2 37.3   | T 80C4        | 7.5                           |
| 37.5                                |   | 37.6             | 208.4                    | 2.9                        | P L 65 3 37.6   | T 80C4        | 8.0                           |
| 37.2                                |   | 38.0             | 214.9                    | 2.8                        | P - 80 2 37.95  | T 80C4        | 7.5                           |
| 35.7                                |   | 39.5             | 218.9                    | 2.1                        | P - 71 3 39.5   | T 80C4        | 5.4                           |
| 35.6                                |   | 39.6             | 224.4                    | 2.2                        | P - 80 2 39.63  | T 80C4        | 7.5                           |
| 34.9                                |   | 40.4             | 228.7                    | 3.1                        | P - 90 2 40.4   | T 80C4        | 10.5                          |
| 34.8                                |   | 40.5             | 229.3                    | 1.0                        | P - 63 2 40.5   | T 80C4        | 5.6                           |
| 34.5                                |   | 40.9             | 226.8                    | 1.1                        | P L 45 3 40.9   | T 80C4        | 6.5                           |
| 33.4                                |   | 42.3             | 239.3                    | 2.1                        | P - 80 2 42.25  | T 80C4        | 7.5                           |
| 32.5                                |   | 43.4             | 240.4                    | 1.0                        | P - 63 3 43.4   | T 80C4        | 4.0                           |
| 32.3                                |   | 43.7             | 242.2                    | 3.8                        | P - 90 3 43.7   | T 80C4        | 7.5                           |
| 32.0                                |   | 44.1             | 249.8                    | 3.4                        | P - 90 2 44.1   | T 80C4        | 10.5                          |
| 31.5                                |   | 44.7             | 253.2                    | 1.8                        | P - 71 2 44.7   | T 80C4        | 7.5                           |
| 31.2                                |   | 45.2             | 256.0                    | 0.9                        | P - 63 2 45.2   | T 80C4        | 5.6                           |
| 30.9                                |   | 45.7             | 253.5                    | 1.0                        | P L 45 3 45.7   | T 80C4        | 6.5                           |
| 30.7                                |   | 46.0             | 254.9                    | 2.4                        | P L 65 3 46     | T 80C4        | 8.0                           |
| 30.0                                |   | 47.0             | 260.7                    | 1.0                        | P - 63 3 47     | T 80C4        | 4.0                           |
| 29.3                                |   | 48.1             | 272.6                    | 1.8                        | P - 80 2 48.14  | T 80C4        | 7.5                           |
| 28.9                                |   | 48.8             | 270.5                    | 3.4                        | P - 90 3 48.8   | T 80C4        | 7.5                           |
| 27.9                                |   | 50.5             | 285.9                    | 1.6                        | P - 71 2 50.5   | T 80C4        | 7.5                           |
| 27.7                                |   | 50.9             | 288.1                    | 1.2                        | P - 80 2 50.87  | T 80C4        | 7.5                           |
| 27.7                                |   | 50.9             | 288.2                    | 3.0                        | P - 90 2 50.9   | T 80C4        | 10.5                          |
| 26.7                                |   | 52.8             | 292.6                    | 0.9                        | P L 45 3 52.8   | T 80C4        | 6.5                           |
| 26.5                                |   | 53.3             | 295.3                    | 0.8                        | P - 63 3 53.3   | T 80C4        | 4.0                           |
| 26.4                                |   | 53.5             | 296.6                    | 1.6                        | P - 71 3 53.5   | T 80C4        | 5.4                           |
| 26.0                                |   | 54.3             | 301.0                    | 2.0                        | P L 65 3 54.3   | T 80C4        | 8.0                           |
| 25.5                                |   | 55.2             | 306.0                    | 3.0                        | P - 90 3 55.2   | T 80C4        | 7.5                           |
| 25.4                                |   | 55.5             | 314.3                    | 1.1                        | P - 80 2 55.49  | T 80C4        | 7.5                           |
| 25.0                                | 56.3  | 312.1            | 3.8                      | P L 85 3 56.3              | T 80C4          | 11.0          |                               |
| 24.7                                | 57.2  | 317.0            | 0.8                      | P - 63 3 57.2              | T 80C4          | 4.0           |                               |
| 23.5                                | 60.1  | 333.3            | 0.8                      | P L 45 3 60.1              | T 80C4          | 6.5           |                               |
| 23.2                                | 60.8  | 337.1            | 1.4                      | P - 71 3 60.8              | T 80C4          | 5.4           |                               |
| 22.8                                | 61.8  | 350.0            | 1.0                      | P - 80 2 61.79             | T 80C4          | 7.5           |                               |
| 22.8                                | 61.8  | 342.7            | 0.7                      | P - 63 3 61.8              | T 80C4          | 4.0           |                               |
| 22.6                                | 62.3  | 345.3            | 2.6                      | P - 90 3 62.3              | T 80C4          | 7.5           |                               |
| 22.1                                | 63.9  | 354.1            | 3.4                      | P L 85 3 63.9              | T 80C4          | 11.0          |                               |
| 22.0                                | 64.2  | 356.0            | 1.3                      | P - 71 3 64.2              | T 80C4          | 5.4           |                               |
| 21.9                                | 64.4  | 357.0            | 1.7                      | P L 65 3 64.4              | T 80C4          | 8.0           |                               |
| 20.0                                | 70.6  | 391.4            | 2.3                      | P - 90 3 70.6              | T 80C4          | 7.5           |                               |
| 19.1                                | 74.0  | 410.3            | 2.9                      | P L 85 3 74                | T 80C4          | 11.0          |                               |
| 19.0                                | 74.4  | 412.5            | 1.5                      | P L 65 3 74.4              | T 80C4          | 8.0           |                               |
| 18.7                                | 75.4  | 417.8            | 1.1                      | P - 71 3 75.4              | T 80C4          | 5.4           |                               |
| 18.5                                | 76.3  | 423.0            | 2.2                      | P - 90 3 76.3              | T 80C4          | 7.5           |                               |
| 17.0                                | 82.8  | 458.9            | 2.0                      | P - 90 3 82.8              | T 80C4          | 7.5           |                               |
| 16.6                                | 84.9  | 470.6            | 2.6                      | P L 85 3 84.9              | T 80C4          | 11.0          |                               |
| 16.5                                | 85.4  | 473.5            | 1.3                      | P L 65 3 85.4              | T 80C4          | 8.0           |                               |
| 16.2                                | 86.8  | 481.3            | 1.0                      | P - 71 3 86.8              | T 80C4          | 5.4           |                               |
| 16.2                                | 87.3  | 484.0            | 3.6                      | P - 112 3 87.3             | T 80C4          | 11.8          |                               |
| 15.4                                | 91.5  | 507.3            | 0.9                      | P - 71 3 91.5              | T 80C4          | 5.4           |                               |
| 15.1                                | 93.3  | 517.3            | 1.8                      | P - 90 3 93.3              | T 80C4          | 7.5           |                               |
| 15.1                                | 93.6  | 519.0            | 3.4                      | P - 112 3 93.6             | T 80C4          | 11.8          |                               |
| 14.4                                | 98.0  | 543.2            | 2.2                      | P L 85 3 98                | T 80C4          | 11.0          |                               |
| 14.2                                | 99.0  | 548.9            | 1.1                      | P L 65 3 99                | T 80C4          | 8.0           |                               |
| 14.2                                | 99.3  | 550.7            | 0.8                      | P - 71 3 99.3              | T 80C4          | 5.4           |                               |
| 14.0                                | 100.6   | 557.7            | 1.6                      | P - 90 3 100.6             | T 80C4          | 7.5           |                               |
| 13.1                                | 107.5   | 595.3            | 0.8                      | P - 71 3 107.5             | T 80C4          | 5.4           |                               |
| 13.0                                | 108.4   | 600.9            | 2.9                      | P - 112 3 108.4            | T 80C4          | 11.8          |                               |
| 13.0                                | 108.9   | 603.5            | 1.5                      | P - 90 3 108.9             | T 80C4          | 7.5           |                               |
| 12.4                                | 113.5   | 629.3            | 1.9                      | P L 85 3 113.5             | T 80C4          | 11.0          |                               |
| 12.2                                | 116.0   | 642.7            | 3.7                      | P L 95 3 116               | T 80C4          | 16.0          |                               |
| 12.1                                | 116.2   | 644.7            | 0.9                      | P L 65 3 116.2             | T 80C4          | 8.0           |                               |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
|                                     | 12,0  | 117,2            | 649,8                                | 2,7                        | P - 112 3 117,2   | T 80C4  | 11,8                                      |
|                                     | 11,3  | 125,0            | 692,7                                | 1,3                        | P - 90 3 125  | T 80C4  | 7,5                                       |
|                                     | 11,0  | 128,3            | 711,3                                | 2,5                        | P - 112 3 128,3   | T 80C4  | 11,8                                      |
|                                     | 10,5  | 134,4            | 745,0                                | 3,2                        | P L 95 3 134,4  | T 80C4  | 16,0                                      |
|                                     | 10,3  | 136,8            | 758,1                                | 1,6                        | P L 85 3 136,8  | T 80C4  | 11,0                                      |
|                                     | 10,2  | 138,8            | 769,7                                | 0,8                        | P L 65 3 138,8  | T 80C4  | 8,0                                       |
|                                     | 10,0  | 141,0            | 781,3                                | 1,2                        | P - 90 3 141  | T 80C4  | 7,5                                       |
|                                     | 9,5   | 148,0            | 820,0                                | 2,1                        | P - 112 3 148   | T 80C4  | 11,8                                      |
|                                     | 9,2   | 152,8            | 846,2                                | 0,7                        | P L 65 3 152,8  | T 80C4  | 8,0                                       |
|                                     | 9,2   | 153,9            | 862,5                                | 4,0                        | P L 105 3 153,9   | T 80C4  | 22,0                                      |
|                                     | 9,1   | 155,2            | 860,2                                | 1,1                        | P - 90 3 155,2  | T 80C4  | 7,5                                       |
|                                     | 8,9   | 158,9            | 881,1                                | 2,7                        | P L 95 3 158,9  | T 80C4  | 16,0                                      |
|                                     | 8,8   | 160,0            | 887,4                                | 1,4                        | P L 85 3 160  | T 80C4  | 11,0                                      |
|                                     | 8,4   | 167,0            | 926,0                                | 1,9                        | P - 112 3 167   | T 80C4  | 11,8                                      |
|                                     | 8,3   | 169,2            | 948,3                                | 3,7                        | P L 105 3 169,2   | T 80C4  | 22,0                                      |
|                                     | 7,9   | 178,1            | 987,4                                | 0,9                        | P - 90 3 178,1  | T 80C4  | 7,5                                       |
|                                     | 7,6   | 184,6            | 1023,3                               | 1,2                        | P L 85 3 184,6  | T 80C4  | 11,0                                      |
|                                     | 7,6   | 185,2            | 1038,1                               | 3,4                        | P L 105 3 185,2   | T 80C4  | 22,0                                      |
|                                     | 7,6   | 185,6            | 995,2                                | 3,5                        | P E 125 185,62  | T 80C4  | 10,5                                      |
|                                     | 7,5   | 187,1            | 1036,8                               | 2,3                        | P L 95 3 187,1  | T 80C4  | 16,0                                      |
|                                     | 7,4   | 191,0            | 1024,7                               | 3,9                        | P E 132 190,95  | T 80C4  | 12,0                                      |
|                                     | 7,4   | 191,5            | 1062,1                               | 1,6                        | P - 112 3 191,5   | T 80C4  | 11,8                                      |
|                                     | 7,1   | 199,5            | 1105,8                               | 2,2                        | P L 95 3 199,5  | T 80C4  | 16,0                                      |
|                                     | 7,0   | 201,0            | 1115,3                               | 0,8                        | P - 90 3 201  | T 80C4  | 7,5                                       |
|                                     | 6,9   | 204,1            | 1130,6                               | 1,1                        | P L 85 3 204,1  | T 80C4  | 11,0                                      |
|                                     | 6,6   | 212,6            | 1140,6                               | 3,5                        | P E 132 212,62  | T 80C4  | 12,0                                      |
|                                     | 6,6   | 214,0            | 1186,5                               | 1,0                        | P L 85 3 214  | T 80C4  | 11,0                                      |
|                                     | 6,4   | 220,9            | 1225,1                               | 1,4                        | P - 112 3 220,9   | T 80C4  | 11,8                                      |
|                                     | 6,4   | 221,3            | 1227,2                               | 2,0                        | P L 95 3 221,3  | T 80C4  | 16,0                                      |
|                                     | 6,3   | 224,4            | 1245,4                               | 0,7                        | P - 90 3 224,4  | T 80C4  | 7,5                                       |
|                                     | 6,2   | 227,3            | 1219,8                               | 2,9                        | P E 125 227,28  | T 80C4  | 10,5                                      |
|                                     | 6,0   | 234,0            | 1254,5                               | 3,2                        | P E 132 234   | T 80C4  | 12,0                                      |
|                                     | 6,0   | 234,0            | 1295,7                               | 0,9                        | P L 85 3 234  | T 80C4  | 11,0                                      |
|                                     | 5,9   | 241,0            | 1335,6                               | 1,3                        | P - 112 3 241   | T 80C4  | 11,8                                      |
|                                     | 5,8   | 243,2            | 1347,8                               | 1,8                        | P L 95 3 243,2  | T 80C4  | 16,0                                      |
|                                     | 5,6   | 251,2            | 1348,5                               | 2,6                        | P E 125 251,17  | T 80C4  | 10,5                                      |
|                                     | 5,4   | 260,3            | 1395,7                               | 2,9                        | P E 132 260,34  | T 80C4  | 12,0                                      |
|                                     | 5,3   | 266,2            | 1474,9                               | 1,6                        | P L 95 3 266,2  | T 80C4  | 16,0                                      |
|                                     | 5,2   | 270,0            | 1497,9                               | 0,8                        | P L 85 3 270  | T 80C4  | 11,0                                      |
|                                     | 5,2   | 273,5            | 1465,9                               | 2,2                        | P E 125 273,48  | T 80C4  | 10,5                                      |
|                                     | 5,1   | 278,1            | 1541,5                               | 1,1                        | P - 112 3 278,1   | T 80C4  | 11,8                                      |
|                                     | 5,0   | 280,9            | 1506,8                               | 4,0                        | P E 150 280,94  | T 80C4  | 16,0                                      |
|                                     | 4,9   | 286,5            | 1537,1                               | 2,6                        | P E 132 286,51  | T 80C4  | 12,0                                      |
|                                     | 4,6   | 307,7            | 1651,5                               | 2,1                        | P E 125 307,71  | T 80C4  | 10,5                                      |
|                                     | 4,5   | 310,5            | 1666,1                               | 3,6                        | P E 150 310,47  | T 80C4  | 16,0                                      |
|                                     | 4,5   | 316,6            | 1699,7                               | 2,4                        | P E 132 316,62  | T 80C4  | 12,0                                      |
|                                     | 4,3   | 325,0            | 1742,6                               | 3,4                        | P E 150 325   | T 80C4  | 16,0                                      |
|                                     | 4,0   | 350,3            | 1876,8                               | 1,4                        | P E 125 350,27  | T 80C4  | 10,5                                      |
|                                     | 4,0   | 352,5            | 1890,4                               | 2,1                        | P E 132 352,46  | T 80C4  | 12,0                                      |
|                                     | 3,9   | 359,2            | 1924,9                               | 3,1                        | P E 150 359,17  | T 80C4  | 16,0                                      |
|                                     | 3,7   | 380,8            | 2044,1                               | 2,9                        | P E 150 380,82  | T 80C4  | 16,0                                      |
|                                     | 3,7   | 383,9            | 2061,6                               | 1,7                        | P E 125 383,88  | T 80C4  | 10,5                                      |
|                                     | 3,6   | 387,9            | 2084,1                               | 1,9                        | P E 132 387,9   | T 80C4  | 12,0                                      |
|                                     | 3,4   | 416,3            | 2231,9                               | 1,6                        | P E 125 416,28  | T 80C4  | 10,5                                      |
|                                     | 3,4   | 420,9            | 2257,4                               | 2,7                        | P E 150 420,86  | T 80C4  | 16,0                                      |
|                                     | 3,2   | 439,7            | 2356,1                               | 1,7                        | P E 132 439,72  | T 80C4  | 12,0                                      |
|                                     | 3,2   | 445,6            | 2393,5                               | 3,8                        | P E 170 445,6   | T 80C4  | 21,0                                      |
|                                     | 3,1   | 458,3            | 2455,8                               | 2,4                        | P E 150 458,31  | T 80C4  | 16,0                                      |
|                                     | 3,1   | 461,9            | 2479,9                               | 1,4                        | P E 125 461,93  | T 80C4  | 10,5                                      |
|                                     | 2,9   | 483,2            | 2589,9                               | 3,5                        | P E 170 483,23  | T 80C4  | 21,0                                      |
|                                     | 2,9   | 483,9            | 2599,7                               | 1,5                        | P E 132 483,92  | T 80C4  | 12,0                                      |
|                                     | 2,8   | 501,5            | 2691,1                               | 2,2                        | P E 150 501,52  | T 80C4  | 16,0                                      |
|                                     | 2,7   | 520,0            | 2790,7                               | 3,2                        | P E 170 520,04  | T 80C4  | 21,0                                      |
|                                     | 2,7   | 519,6            | 2789,9                               | 1,3                        | P E 125 519,6   | T 80C4  | 10,5                                      |
|                                     | 2,7   | 524,8            | 2811,5                               | 1,4                        | P E 132 524,76  | T 80C4  | 12,0                                      |
|                                     | 2,6   | 543,9            | 2921,2                               | 1,4                        | P E 132 543,89  | T 80C4  | 12,0                                      |
|                                     | 2,6   | 549,0            | 2943,1                               | 2,0                        | P E 150 548,95  | T 80C4  | 16,0                                      |
|                                     | 2,5   | 559,2            | 3001,1                               | 3,0                        | P E 170 559,19  | T 80C4  | 21,0                                      |
|                                     | 2,4   | 580,5            | 3112,2                               | 0,9                        | P E 125 580,52  | T 80C4  | 10,5                                      |
|                                     | 2,4   | 595,3            | 3192,3                               | 1,9                        | P E 150 595,28  | T 80C4  | 16,0                                      |
|                                     | 2,4   | 595,2            | 3191,3                               | 1,3                        | P E 132 595,18  | T 80C4  | 12,0                                      |
|                                     | 2,3   | 606,4            | 3245,8                               | 3,9                        | P E 190 606,41  | T 80C4  | 27,0                                      |
|                                     | 2,3   | 606,4            | 3245,9                               | 2,8                        | P E 170 606,41  | T 80C4  | 21,0                                      |
|                                     | 2,3   | 625,2            | 3347,8                               | 1,0                        | P E 125 625,23  | T 80C4  | 10,5                                      |
|                                     | 2,2   | 643,2            | 3453,2                               | 1,7                        | P E 150 643,23  | T 80C4  | 16,0                                      |
|                                     | 2,2   | 649,0            | 3485,9                               | 2,6                        | P E 170 649   | T 80C4  | 21,0                                      |
|                                     | 2,2   | 648,4            | 3484,2                               | 1,0                        | P E 125 648,43  | T 80C4  | 10,5                                      |
|                                     | 2,2   | 655,0            | 3516,5                               | 1,1                        | P E 132 655,01  | T 80C4  | 12,0                                      |
|                                     | 2,1   | 660,4            | 3534,7                               | 3,5                        | P E 190 660,37  | T 80C4  | 27,0                                      |
|                                     | 2,0   | 697,9            | 3744,7                               | 2,4                        | P E 170 697,85  | T 80C4  | 21,0                                      |
|                                     | 2,0   | 697,5            | 3744,7                               | 1,6                        | P E 150 697,51  | T 80C4  | 16,0                                      |
|                                     | 2,0   | 704,9            | 3781,4                               | 3,3                        | P E 190 704,94  | T 80C4  | 27,0                                      |
|                                     | 2,0   | 724,6            | 3876,7                               | 0,8                        | P E 125 724,6   | T 80C4  | 10,5                                      |
|                                     | 1,9   | 743,0            | 3981,9                               | 1,5                        | P E 150 743,02  | T 80C4  | 16,0                                      |
|                                     | 1,9   | 742,8            | 3981,9                               | 1,0                        | P E 132 742,75  | T 80C4  | 12,0                                      |
|                                     | 1,9   | 756,8            | 4066,5                               | 3,1                        | P E 190 756,78  | T 80C4  | 27,0                                      |
|                                     | 1,9   | 756,8            | 4065,7                               | 2,2                        | P E 170 756,78  | T 80C4  | 21,0                                      |
|                                     | 1,8   | 766,5            | 4112,1                               | 1,5                        | P E 150 766,52  | T 80C4  | 16,0                                      |
|                                     | 1,8   | 780,3            | 4179,1                               | 0,8                        | P E 125 780,26  | T 80C4  | 10,5                                      |
|                                     | 1,7   | 811,3            | 4346,9                               | 2,1                        | P E 170 811,25  | T 80C4  | 21,0                                      |
|                                     | 1,7   | 817,4            | 4400,0                               | 0,9                        | P E 132 817,42  | T 80C4  | 12,0                                      |
|                                     | 1,7   | 824,1            | 4423,0                               | 2,8                        | P E 190 824,12  | T 80C4  | 27,0                                      |
|                                     | 1,7   | 831,2            | 4448,2                               | 1,3                        | P E 150 831,21  | T 80C4  | 16,0                                      |
|                                     | 1,6   | 870,6            | 4668,4                               | 1,3                        | P E 150 870,64  | T 80C4  | 16,0                                      |
|                                     | 1,6   | 879,8            | 4727,1                               | 2,6                        | P E 190 879,75  | T 80C4  | 27,0                                      |

0,88







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|--------|---|
| <b>0,88</b>                         | 1,6   | 879,8            | 4728,4                               | 1,9                        | P E 170 879,75  | T 80C4 | 21,0                                      |
|                                     | 1,6   | 905,7            | 4848,5                               | 0,8                        | P E 132 905,66  | T 80C4 | 12,0                                      |
|                                     | 1,5   | 948,1            | 5076,9                               | 1,2                        | P E 150 948,12  | T 80C4 | 16,0                                      |
|                                     | 1,5   | 958,0            | 5145,0                               | 2,4                        | P E 190 958,04  | T 80C4 | 27,0                                      |
|                                     | 1,4   | 981,4            | 5252,0                               | 1,7                        | P E 170 981,35  | T 80C4 | 21,0                                      |
|                                     | 1,4   | 1037,5           | 5563,8                               | 1,1                        | P E 150 1037,52 | T 80C4 | 16,0                                      |
|                                     | 1,3   | 1064,2           | 5729,2                               | 2,2                        | P E 190 1064,22 | T 80C4 | 27,0                                      |
|                                     | 1,3   | 1064,2           | 5730,8                               | 1,6                        | P E 170 1064,22 | T 80C4 | 21,0                                      |
|                                     | 1,2   | 1158,9           | 6200,7                               | 2,0                        | P E 190 1158,92 | T 80C4 | 27,0                                      |
|                                     | 1,2   | 1158,9           | 6202,0                               | 1,5                        | P E 170 1158,92 | T 80C4 | 21,0                                      |
|                                     | 1,2   | 1183,2           | 6353,8                               | 0,9                        | P E 150 1183,21 | T 80C4 | 16,0                                      |
|                                     | 1,1   | 1268,2           | 6815,4                               | 1,8                        | P E 190 1268,2  | T 80C4 | 27,0                                      |
|                                     | 1,1   | 1268,2           | 6815,8                               | 1,3                        | P E 170 1268,2  | T 80C4 | 21,0                                      |
|                                     | 1,1   | 1294,8           | 6938,2                               | 0,9                        | P E 150 1294,77 | T 80C4 | 16,0                                      |
|                                     | 1,0   | 1395,7           | 7488,1                               | 1,7                        | P E 190 1395,69 | T 80C4 | 27,0                                      |
|                                     | 1,0   | 1395,7           | 7485,8                               | 1,2                        | P E 170 1395,69 | T 80C4 | 21,0                                      |
|                                     | 1,0   | 1424,9           | 7641,1                               | 0,8                        | P E 150 1424,94 | T 80C4 | 16,0                                      |
|                                     | 0,9   | 1546,4           | 8314,4                               | 1,5                        | P E 190 1546,36 | T 80C4 | 27,0                                      |
|                                     | 0,9   | 1546,4           | 8310,6                               | 1,1                        | P E 170 1546,36 | T 80C4 | 21,0                                      |
|                                     | 0,9   | 1578,8           | 8502,4                               | 0,7                        | P E 150 1578,76 | T 80C4 | 16,0                                      |
| <b>1,1</b>                          | 476,7   | 3,0              | 20,9                                 | 3,8                        | P - 63 2 3      | T 90S4 | 5,6                                       |
|                                     | 466,7   | 3,0              | 21,4                                 | 3,7                        | P - 63 2 3      | T 80D4 | 5,6                                       |
|                                     | 359,0   | 3,9              | 27,8                                 | 4,0                        | P - 63 2 3,9    | T 80D4 | 5,6                                       |
|                                     | 306,7   | 3,0              | 32,5                                 | 2,6                        | P - 63 2 3      | T 90L6 | 5,6                                       |
|                                     | 280,0   | 5,0              | 35,6                                 | 3,9                        | P - 63 2 5      | T 80D4 | 5,6                                       |
|                                     | 235,9   | 3,9              | 42,3                                 | 2,7                        | P - 63 2 3,9    | T 90L6 | 5,6                                       |
|                                     | 230,7   | 6,2              | 43,3                                 | 3,7                        | P - 63 2 6,2    | T 90S4 | 5,6                                       |
|                                     | 225,8   | 6,2              | 44,2                                 | 3,6                        | P - 63 2 6,2    | T 80D4 | 5,6                                       |
|                                     | 220,0   | 6,5              | 45,4                                 | 3,7                        | P - 63 2 6,5    | T 90S4 | 5,6                                       |
|                                     | 215,4   | 6,5              | 46,3                                 | 3,7                        | P - 63 2 6,5    | T 80D4 | 5,6                                       |
|                                     | 214,0   | 4,3              | 46,6                                 | 2,9                        | P - 63 2 4,3    | T 90L6 | 5,6                                       |
|                                     | 197,9   | 14,4             | 50,4                                 | 3,8                        | P - 63 2 14,4   | T 80B2 | 5,6                                       |
|                                     | 193,2   | 7,4              | 51,6                                 | 3,5                        | P - 63 2 7,4    | T 90S4 | 5,6                                       |
|                                     | 189,2   | 7,4              | 52,7                                 | 3,4                        | P - 63 2 7,4    | T 80D4 | 5,6                                       |
|                                     | 184,0   | 5,0              | 54,2                                 | 2,8                        | P - 63 2 5      | T 90L6 | 5,6                                       |
|                                     | 178,8   | 8,0              | 55,8                                 | 3,6                        | P - 63 2 8      | T 90S4 | 5,6                                       |
|                                     | 175,0   | 8,0              | 57,0                                 | 3,5                        | P - 63 2 8      | T 80D4 | 5,6                                       |
|                                     | 173,6   | 5,3              | 57,5                                 | 4,0                        | P - 71 2 5,3    | T 90L6 | 7,5                                       |
|                                     | 168,6   | 16,9             | 59,2                                 | 3,9                        | P - 63 2 16,9   | T 80B2 | 5,6                                       |
|                                     | 165,7   | 17,2             | 59,0                                 | 1,5                        | P L 25 3 17,2   | T 80B2 | 4,0                                       |
|                                     | 164,3   | 5,6              | 60,8                                 | 2,8                        | P - 63 2 5,6    | T 90L6 | 5,6                                       |
|                                     | 158,9   | 9,0              | 62,8                                 | 3,3                        | P - 63 2 9      | T 90S4 | 5,6                                       |
|                                     | 155,6   | 9,0              | 64,1                                 | 3,3                        | P - 63 2 9      | T 80D4 | 5,6                                       |
|                                     | 148,4   | 6,2              | 67,3                                 | 2,6                        | P - 63 2 6,2    | T 90L6 | 5,6                                       |
|                                     | 143,9   | 19,8             | 69,3                                 | 3,3                        | P - 63 2 19,8   | T 80B2 | 5,6                                       |
|                                     | 141,5   | 6,5              | 70,5                                 | 2,6                        | P - 63 2 6,5    | T 90L6 | 5,6                                       |
|                                     | 139,7   | 20,4             | 69,9                                 | 1,3                        | P L 25 3 20,4   | T 80B2 | 4,0                                       |
|                                     | 139,0   | 20,5             | 71,8                                 | 2,9                        | P - 63 2 20,5   | T 80B2 | 5,6                                       |
|                                     | 137,5   | 10,4             | 72,6                                 | 3,0                        | P - 63 2 10,4   | T 90S4 | 5,6                                       |
|                                     | 134,6   | 10,4             | 74,1                                 | 3,0                        | P - 63 2 10,4   | T 80D4 | 5,6                                       |
|                                     | 124,3   | 7,4              | 80,3                                 | 2,4                        | P - 63 2 7,4    | T 90L6 | 5,6                                       |
|                                     | 121,2   | 11,8             | 82,4                                 | 2,9                        | P - 63 2 11,8   | T 90S4 | 5,6                                       |
|                                     | 119,8   | 23,8             | 81,6                                 | 1,1                        | P L 25 3 23,8   | T 80B2 | 4,0                                       |
|                                     | 118,6   | 11,8             | 84,1                                 | 2,8                        | P - 63 2 11,8   | T 80D4 | 5,6                                       |
|                                     | 118,3   | 24,1             | 84,4                                 | 2,5                        | P - 63 2 24,1   | T 80B2 | 5,6                                       |
|                                     | 116,3   | 12,3             | 85,8                                 | 3,5                        | P - 71 2 12,3   | T 90S4 | 7,5                                       |
|                                     | 115,0   | 8,0              | 86,8                                 | 2,5                        | P - 63 2 8      | T 90L6 | 5,6                                       |
|                                     | 113,8   | 12,3             | 87,7                                 | 3,4                        | P - 71 2 12,3   | T 80D4 | 7,5                                       |
|                                     | 109,2   | 26,1             | 91,4                                 | 2,4                        | P - 63 2 26,1   | T 80B2 | 5,6                                       |
|                                     | 105,9   | 13,5             | 94,2                                 | 2,7                        | P - 63 2 13,5   | T 90S4 | 5,6                                       |
|                                     | 105,8   | 8,7              | 94,4                                 | 3,7                        | P - 71 2 8,7    | T 90L6 | 7,5                                       |
|                                     | 104,0   | 27,4             | 93,9                                 | 1,0                        | P L 25 3 27,4   | T 80B2 | 4,0                                       |
|                                     | 103,7   | 13,5             | 96,2                                 | 2,6                        | P - 63 2 13,5   | T 80D4 | 5,6                                       |
|                                     | 102,2   | 9,0              | 97,6                                 | 2,4                        | P - 63 2 9      | T 90L6 | 5,6                                       |
|                                     | 99,3  | 14,4             | 100,5                                | 2,2                        | P - 63 2 14,4   | T 90S4 | 5,6                                       |
|                                     | 99,3  | 28,7             | 98,4                                 | 2,3                        | P L 45 3 28,7   | T 80B2 | 6,5                                       |
|                                     | 97,2  | 14,4             | 102,7                                | 2,1                        | P - 63 2 14,4   | T 80D4 | 5,6                                       |
|                                     | 89,9  | 31,7             | 111,0                                | 2,0                        | P - 63 2 31,7   | T 80B2 | 5,6                                       |
|                                     | 89,1  | 32,0             | 109,7                                | 2,1                        | P L 45 3 32     | T 80B2 | 6,5                                       |
|                                     | 89,1  | 32,0             | 109,8                                | 0,8                        | P L 25 3 32     | T 80B2 | 4,0                                       |
|                                     | 88,5  | 10,4             | 112,8                                | 2,1                        | P - 63 2 10,4   | T 90L6 | 5,6                                       |
|                                     | 86,1  | 33,1             | 115,9                                | 3,2                        | P - 71 2 33,1   | T 80B2 | 7,5                                       |
|                                     | 84,6  | 16,9             | 117,9                                | 2,1                        | P - 63 2 16,9   | T 90S4 | 5,6                                       |
|                                     | 82,8  | 16,9             | 120,5                                | 2,1                        | P - 63 2 16,9   | T 80D4 | 5,6                                       |
|                                     | 82,7  | 17,3             | 120,7                                | 3,8                        | P - 71 2 17,3   | T 90S4 | 7,5                                       |
|                                     | 81,4  | 17,2             | 120,0                                | 0,8                        | P L 25 3 17,2   | T 80D4 | 4,0                                       |
|                                     | 80,9  | 17,3             | 123,3                                | 3,7                        | P - 71 2 17,3   | T 80D4 | 7,5                                       |
|                                     | 79,3  | 11,6             | 125,8                                | 3,8                        | P - 71 2 11,6   | T 90L6 | 7,5                                       |
|                                     | 78,0  | 11,8             | 128,0                                | 2,0                        | P - 63 2 11,8   | T 90L6 | 5,6                                       |
|                                     | 77,9  | 36,6             | 128,2                                | 1,8                        | P - 63 2 36,6   | T 80B2 | 5,6                                       |
| 77,2                                | 36,9  | 126,4            | 0,7                                  | P L 25 3 36,9              | T 80B2          | 4,0    |   |
| 76,5                                | 18,7  | 130,5            | 3,5                                  | P - 71 2 18,7              | T 90S4          | 7,5    |   |
| 76,4                                | 37,3  | 130,6            | 2,8                                  | P - 71 2 37,3              | T 80B2          | 7,5    |   |
| 74,9                                | 18,7  | 133,3            | 3,5                                  | P - 71 2 18,7              | T 80D4          | 7,5    |   |
| 74,8                                | 12,3  | 133,4            | 2,3                                  | P - 71 2 12,3              | T 90L6          | 7,5    |   |
| 72,2                                | 19,8  | 138,2            | 1,8                                  | P - 63 2 19,8              | T 90S4          | 5,6    |   |
| 72,2                                | 39,5  | 135,4            | 3,1                                  | P - 71 3 39,5              | T 80B2          | 5,4    |   |
| 71,9                                | 39,6  | 138,8            | 3,2                                  | P - 80 2 39,6              | T 80B2          | 7,5    |   |
| 70,8                                | 20,2  | 141,0            | 3,3                                  | P - 71 2 20,2              | T 90S4          | 7,5    |   |
| 70,7                                | 19,8  | 141,2            | 1,8                                  | P - 63 2 19,8              | T 80D4          | 5,6    |   |
| 70,4                                | 40,5  | 141,9            | 1,6                                  | P - 63 2 40,5              | T 80B2          | 5,6    |   |
| 69,8                                | 20,5  | 143,0            | 1,6                                  | P - 63 2 20,5              | T 90S4          | 5,6    |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 69.7                                | 40.9  | 140.2            | 1.6                                   | P L 45 3 40.9              | T 80B2  | 6.5   |   |
| 69.3                                | 20.2  | 144.0            | 3.2                                   | P - 71 2 20.2              | T 80D4  | 7.5   |   |
| 68.6                                | 20.4  | 142.3            | 0.7                                   | P L 25 3 20.4              | T 80D4  | 4.0   |   |
| 68.3                                | 20.5  | 146.2            | 1.6                                   | P - 63 2 20.5              | T 80D4  | 5.6   |   |
| 68.2                                | 13.5  | 146.5            | 1.7                                   | P - 63 2 13.5              | T 90L6  | 5.6   |   |
| 67.5                                | 42.3  | 147.9            | 3.0                                   | P - 80 2 42.25             | T 80B2  | 7.5   |   |
| 65.7                                | 14.0  | 151.9            | 3.2                                   | P - 71 2 14                | T 90L6  | 7.5   |   |
| 65.7                                | 43.4  | 148.7            | 1.5                                   | P - 63 3 43.4              | T 80B2  | 4.0   |   |
| 65.3                                | 21.9  | 152.8            | 3.0                                   | P - 71 2 21.9              | T 90S4  | 7.5   |   |
| 65.2                                | 21.5  | 153.0            | 3.9                                   | P - 80 2 21.46             | T 80D4  | 7.5   |   |
| 63.9                                | 21.9  | 156.1            | 2.9                                   | P - 71 2 21.9              | T 80D4  | 7.5   |   |
| 63.9                                | 14.4  | 156.2            | 1.5                                   | P - 63 2 14.4              | T 90L6  | 5.6   |   |
| 63.8                                | 44.7  | 156.5            | 2.6                                   | P - 71 2 44.7              | T 80B2  | 7.5   |   |
| 63.1                                | 45.2  | 158.3            | 1.4                                   | P - 63 2 45.2              | T 80B2  | 5.6   |   |
| 62.4                                | 45.7  | 156.6            | 1.4                                   | P L 45 3 45.7              | T 80B2  | 6.5   |   |
| 62.0                                | 46.0  | 157.7            | 3.4                                   | P L 65 3 46                | T 80B2  | 8.0   |   |
| 60.6                                | 47.0  | 161.1            | 1.2                                   | P - 63 3 47                | T 80B2  | 4.0   |   |
| 59.9                                | 23.9  | 166.7            | 3.6                                   | P - 80 2 23.89             | T 90S4  | 7.5   |   |
| 59.3                                | 24.1  | 168.2            | 1.4                                   | P - 63 2 24.1              | T 90S4  | 5.6   |   |
| 59.2                                | 48.1  | 168.6            | 2.7                                   | P - 80 2 48.14             | T 80B2  | 7.5   |   |
| 58.6                                | 23.9  | 170.3            | 3.5                                   | P - 80 2 23.89             | T 80D4  | 7.5   |   |
| 58.1                                | 24.1  | 171.8            | 1.3                                   | P - 63 2 24.1              | T 80D4  | 5.6   |   |
| 57.1                                | 16.1  | 174.7            | 2.7                                   | P - 71 2 16.1              | T 90L6  | 7.5   |   |
| 56.5                                | 25.3  | 176.6            | 2.3                                   | P - 71 2 25.3              | T 90S4  | 7.5   |   |
| 56.4                                | 50.5  | 176.8            | 2.3                                   | P - 71 2 50.5              | T 80B2  | 7.5   |   |
| 56.0                                | 50.9  | 178.1            | 1.8                                   | P - 80 2 50.87             | T 80B2  | 7.5   |   |
| 56.0                                | 50.9  | 178.2            | 3.9                                   | P - 90 2 50.9              | T 80B2  | 10.5  |   |
| 55.3                                | 25.3  | 180.3            | 2.3                                   | P - 71 2 25.3              | T 80D4  | 7.5   |   |
| 54.8                                | 26.1  | 182.2            | 1.3                                   | P - 63 2 26.1              | T 90S4  | 5.6   |   |
| 54.4                                | 16.9  | 183.3            | 1.4                                   | P - 63 2 16.9              | T 90L6  | 5.6   |   |
| 54.4                                | 26.3  | 183.5            | 3.3                                   | P - 80 2 26.3              | T 90S4  | 7.5   |   |
| 54.2                                | 26.4  | 180.3            | 3.3                                   | P L 65 3 26.4              | T 90S4  | 8.0   |   |
| 54.0                                | 52.8  | 180.9            | 1.2                                   | P L 45 3 52.8              | T 80B2  | 6.5   |   |
| 53.6                                | 26.1  | 186.0            | 1.3                                   | P - 63 2 26.1              | T 80D4  | 5.6   |   |
| 53.5                                | 53.3  | 182.8            | 1.2                                   | P - 63 3 53.3              | T 80B2  | 4.0   |   |
| 53.3                                | 53.5  | 183.4            | 2.3                                   | P - 71 3 53.5              | T 80B2  | 5.4   |   |
| 53.2                                | 26.3  | 187.5            | 3.2                                   | P - 80 2 26.3              | T 80D4  | 7.5   |   |
| 53.2                                | 17.3  | 187.6            | 2.6                                   | P - 71 2 17.3              | T 90L6  | 7.5   |   |
| 53.0                                | 26.4  | 184.2            | 3.3                                   | P L 65 3 26.4              | T 80D4  | 8.0   |   |
| 52.5                                | 54.3  | 186.1            | 2.9                                   | P L 65 3 54.3              | T 80B2  | 8.0   |   |
| 51.6                                | 55.2  | 189.2            | 3.8                                   | P - 90 3 55.2              | T 80B2  | 7.5   |   |
| 51.4                                | 55.5  | 194.3            | 1.6                                   | P - 80 2 55.49             | T 80B2  | 7.5   |   |
| 50.4                                | 28.4  | 198.1            | 3.0                                   | P - 80 2 28.38             | T 90S4  | 7.5   |   |
| 49.8                                | 28.7  | 196.0            | 1.3                                   | P L 45 3 28.7              | T 90S4  | 6.5   |   |
| 49.8                                | 57.2  | 196.1            | 1.2                                   | P - 63 3 57.2              | T 80B2  | 4.0   |   |
| 49.7                                | 28.8  | 201.0            | 2.3                                   | P - 71 2 28.8              | T 90S4  | 7.5   |   |
| 49.3                                | 28.4  | 202.3            | 3.0                                   | P - 80 2 28.38             | T 80D4  | 7.5   |   |
| 49.2                                | 18.7  | 202.8            | 2.4                                   | P - 71 2 18.7              | T 90L6  | 7.5   |   |
| 48.8                                | 28.7  | 200.3            | 1.2                                   | P L 45 3 28.7              | T 80D4  | 6.5   |   |
| 48.6                                | 28.8  | 205.3            | 2.2                                   | P - 71 2 28.8              | T 80D4  | 7.5   |   |
| 47.4                                | 30.2  | 210.4            | 2.9                                   | P - 80 2 30.15             | T 90S4  | 7.5   |   |
| 47.4                                | 60.1  | 206.1            | 1.1                                   | P L 45 3 60.1              | T 80B2  | 6.5   |   |
| 47.2                                | 19.5  | 211.4            | 3.1                                   | P - 80 2 19.49             | T 90L6  | 7.5   |   |
| 46.9                                | 60.8  | 208.4            | 2.0                                   | P - 71 3 60.8              | T 80B2  | 5.4   |   |
| 46.5                                | 19.8  | 214.8            | 1.2                                   | P - 63 2 19.8              | T 90L6  | 5.6   |   |
| 46.4                                | 30.2  | 214.9            | 2.8                                   | P - 80 2 30.15             | T 80D4  | 7.5   |   |
| 46.1                                | 61.8  | 216.4            | 1.5                                   | P - 80 2 61.79             | T 80B2  | 7.5   |   |
| 46.1                                | 61.8  | 211.9            | 1.1                                   | P - 63 3 61.8              | T 80B2  | 4.0   |   |
| 45.8                                | 62.3  | 213.6            | 3.5                                   | P - 90 3 62.3              | T 80B2  | 7.5   |   |
| 45.5                                | 20.2  | 219.2            | 2.2                                   | P - 71 2 20.2              | T 90L6  | 7.5   |   |
| 45.1                                | 31.7  | 221.3            | 1.1                                   | P - 63 2 31.7              | T 90S4  | 5.6   |   |
| 44.9                                | 20.5  | 222.4            | 1.1                                   | P - 63 2 20.5              | T 90L6  | 5.6   |   |
| 44.8                                | 20.5  | 222.7            | 2.9                                   | P - 80 2 20.53             | T 90L6  | 7.5   |   |
| 44.7                                | 32.0  | 218.6            | 1.1                                   | P L 45 3 32                | T 90S4  | 6.5   |   |
| 44.4                                | 64.2  | 220.1            | 1.9                                   | P - 71 3 64.2              | T 80B2  | 5.4   |   |
| 44.3                                | 32.3  | 220.7            | 2.7                                   | P L 65 3 32.3              | T 90S4  | 8.0   |   |
| 44.3                                | 64.4  | 220.8            | 2.4                                   | P L 65 3 64.4              | T 80B2  | 8.0   |   |
| 44.2                                | 31.7  | 226.0            | 1.1                                   | P - 63 2 31.7              | T 80D4  | 5.6   |   |
| 43.8                                | 32.0  | 223.4            | 1.1                                   | P L 45 3 32                | T 80D4  | 6.5   |   |
| 43.3                                | 32.3  | 225.4            | 2.7                                   | P L 65 3 32.3              | T 80D4  | 8.0   |   |
| 43.2                                | 33.1  | 231.0            | 1.8                                   | P - 71 2 33.1              | T 90S4  | 7.5   |   |
| 43.0                                | 21.4  | 232.2            | 4.0                                   | P - 90 2 21.4              | T 90L6  | 10.5  |   |
| 42.9                                | 21.5  | 232.8            | 2.8                                   | P - 80 2 21.46             | T 90L6  | 7.5   |   |
| 42.3                                | 33.1  | 235.9            | 1.7                                   | P - 71 2 33.1              | T 80D4  | 7.5   |   |
| 42.0                                | 21.9  | 237.5            | 2.0                                   | P - 71 2 21.9              | T 90L6  | 7.5   |   |
| 41.1                                | 34.8  | 242.8            | 2.5                                   | P - 80 2 34.79             | T 90S4  | 7.5   |   |
| 41.0                                | 69.6  | 238.5            | 1.0                                   | P - 63 3 69.6              | T 80B2  | 4.0   |   |
| 40.9                                | 35.0  | 244.3            | 3.5                                   | P - 90 2 35                | T 90S4  | 10.5  |   |
| 40.4                                | 70.6  | 242.0            | 3.3                                   | P - 90 3 70.6              | T 80B2  | 7.5   |   |
| 40.4                                | 70.6  | 241.9            | 0.9                                   | P L 45 3 70.6              | T 80B2  | 6.5   |   |
| 40.2                                | 34.8  | 248.0            | 2.4                                   | P - 80 2 34.79             | T 80D4  | 7.5   |   |
| 40.0                                | 35.0  | 249.5            | 3.4                                   | P - 90 2 35                | T 80D4  | 10.5  |   |
| 39.1                                | 36.6  | 255.3            | 1.0                                   | P - 63 2 36.6              | T 90S4  | 5.6   |   |
| 38.7                                | 23.8  | 252.7            | 3.4                                   | P L 85 3 23.8              | T 90L6  | 11.0  |   |
| 38.5                                | 23.9  | 259.2            | 2.5                                   | P - 80 2 23.89             | T 90L6  | 7.5   |   |
| 38.3                                | 37.3  | 260.2            | 1.6                                   | P - 71 2 37.3              | T 90S4  | 7.5   |   |
| 38.3                                | 74.4  | 255.0            | 2.1                                   | P L 65 3 74.4              | T 80B2  | 8.0   |   |
| 38.3                                | 36.6  | 260.9            | 1.0                                   | P - 63 2 36.6              | T 80D4  | 5.6   |   |
| 38.2                                | 24.1  | 261.4            | 0.9                                   | P - 63 2 24.1              | T 90L6  | 5.6   |   |
| 38.0                                | 37.6  | 256.9            | 2.3                                   | P L 65 3 37.6              | T 90S4  | 8.0   |   |
| 37.8                                | 75.4  | 258.4            | 1.6                                   | P - 71 3 75.4              | T 80B2  | 5.4   |   |
| 37.8                                | 75.4  | 258.6            | 0.9                                   | P - 63 3 75.4              | T 80B2  | 4.0   |   |
| 37.7                                | 38.0  | 264.8            | 2.3                                   | P - 80 2 37.95             | T 90S4  | 7.5   |   |
| 37.5                                | 37.3  | 265.9            | 1.5                                   | P - 71 2 37.3              | T 80D4  | 7.5   |   |
| 37.4                                | 76.3  | 261.6            | 3.1                                   | P - 90 3 76.3              | T 80B2  | 7.5   |   |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------|--------|---|
| 37.2                                | 37.6  | 262.4            | 2.3                                  | P L 65 3 37.6              | T 80D4   | 8.0    |   |
| 37.0                                | 38.7  | 264.4            | 3.4                                  | P - 90 3 38.7              | T 90S4   | 7.5    |   |
| 36.9                                | 38.0  | 270.5            | 2.2                                  | P - 80 2 37.95             | T 80D4   | 7.5    |   |
| 36.8                                | 25.0  | 271.2            | 3.4                                  | P - 90 2 25                | T 90L6   | 10.5   |   |
| 36.4                                | 25.3  | 274.5            | 1.5                                  | P - 71 2 25.3              | T 90L6   | 7.5    |   |
| 36.2                                | 39.5  | 269.9            | 1.7                                  | P - 71 3 39.5              | T 90S4   | 5.4    |   |
| 36.2                                | 38.7  | 270.0            | 3.4                                  | P - 90 3 38.7              | T 80D4   | 7.5    |   |
| 36.1                                | 39.6  | 276.7            | 1.8                                  | P - 80 2 39.63             | T 90S4   | 7.5    |   |
| 35.4                                | 39.5  | 275.6            | 1.7                                  | P - 71 3 39.5              | T 80D4   | 5.4    |   |
| 35.4                                | 40.4  | 282.0            | 2.6                                  | P - 90 2 40.4              | T 90S4   | 10.5   |   |
| 35.3                                | 39.6  | 282.5            | 1.8                                  | P - 80 2 39.63             | T 80D4   | 7.5    |   |
| 35.3                                | 40.5  | 282.7            | 0.8                                  | P - 63 2 40.5              | T 90S4   | 5.6    |   |
| 35.3                                | 26.1  | 283.2            | 0.9                                  | P - 63 2 26.1              | T 90L6   | 5.6    |   |
| 35.0                                | 81.4  | 279.1            | 0.9                                  | P - 63 3 81.4              | T 80B2   | 4.0    |   |
| 35.0                                | 26.3  | 285.3            | 2.3                                  | P - 80 2 26.3              | T 90L6   | 7.5    |   |
| 35.0                                | 40.9  | 279.5            | 0.9                                  | P L 45 3 40.9              | T 90S4   | 6.5    |   |
| 34.9                                | 26.4  | 280.3            | 2.3                                  | P L 65 3 26.4              | T 90L6   | 8.0    |   |
| 34.7                                | 40.4  | 288.0            | 2.5                                  | P - 90 2 40.4              | T 80D4   | 10.5   |   |
| 34.6                                | 40.5  | 288.8            | 0.8                                  | P - 63 2 40.5              | T 80D4   | 5.6    |   |
| 34.4                                | 82.8  | 283.9            | 2.8                                  | P - 90 3 82.8              | T 80B2   | 7.5    |   |
| 34.2                                | 40.9  | 285.3            | 0.9                                  | P L 45 3 40.9              | T 80D4   | 6.5    |   |
| 33.9                                | 42.3  | 294.7            | 1.7                                  | P - 80 2 42.25             | T 90S4   | 7.5    |   |
| 33.6                                | 84.9  | 291.0            | 3.7                                  | P L 85 3 84.9              | T 80B2   | 11.0   |   |
| 33.5                                | 27.5  | 292.1            | 3.4                                  | P L 85 3 27.5              | T 90L6   | 11.0   |   |
| 33.4                                | 85.4  | 292.8            | 1.8                                  | P L 65 3 85.4              | T 80B2   | 8.0    |   |
| 33.3                                | 85.7  | 293.6            | 0.8                                  | P L 45 3 85.7              | T 80B2   | 6.5    |   |
| 33.2                                | 27.7  | 300.5            | 3.1                                  | P - 90 2 27.7              | T 90L6   | 10.5   |   |
| 33.1                                | 42.3  | 301.2            | 1.7                                  | P - 80 2 42.25             | T 80D4   | 7.5    |   |
| 32.8                                | 86.8  | 297.5            | 1.4                                  | P - 71 3 86.8              | T 80B2   | 5.4    |   |
| 32.7                                | 43.7  | 298.6            | 3.0                                  | P - 90 3 43.7              | T 90S4   | 7.5    |   |
| 32.4                                | 44.1  | 307.7            | 2.8                                  | P - 90 2 44.1              | T 90S4   | 10.5   |   |
| 32.4                                | 28.4  | 307.8            | 2.1                                  | P - 80 2 28.38             | T 90L6   | 7.5    |   |
| 32.3                                | 43.4  | 302.9            | 0.8                                  | P - 63 3 43.4              | T 80D4   | 4.0    |   |
| 32.2                                | 88.4  | 303.1            | 0.8                                  | P - 63 3 88.4              | T 80B2   | 4.0    |   |
| 32.1                                | 28.7  | 304.6            | 0.9                                  | P L 45 3 28.7              | T 90L6   | 6.5    |   |
| 32.0                                | 43.7  | 304.9            | 3.9                                  | P L 85 3 43.7              | T 80D4   | 11.0   |   |
| 32.0                                | 43.7  | 304.9            | 3.0                                  | P - 90 3 43.7              | T 80D4   | 7.5    |   |
| 32.0                                | 44.7  | 312.0            | 1.5                                  | P - 71 2 44.7              | T 90S4   | 7.5    |   |
| 31.9                                | 28.8  | 312.5            | 1.5                                  | P - 71 2 28.8              | T 90L6   | 7.5    |   |
| 31.8                                | 44.1  | 314.3            | 2.7                                  | P - 90 2 44.1              | T 80D4   | 10.5   |   |
| 31.6                                | 45.2  | 315.4            | 0.8                                  | P - 63 2 45.2              | T 90S4   | 5.6    |   |
| 31.3                                | 44.7  | 318.6            | 1.4                                  | P - 71 2 44.7              | T 80D4   | 7.5    |   |
| 31.3                                | 45.7  | 312.1            | 0.8                                  | P L 45 3 45.7              | T 90S4   | 6.5    |   |
| 31.2                                | 91.5  | 313.6            | 1.3                                  | P - 71 3 91.5              | T 80B2   | 5.4    |   |
| 31.1                                | 46.0  | 314.3            | 1.9                                  | P L 65 3 46                | T 90S4   | 8.0    |   |
| 31.0                                | 45.2  | 322.3            | 0.7                                  | P - 63 2 45.2              | T 80D4   | 5.6    |   |
| 30.6                                | 45.7  | 319.0            | 0.8                                  | P L 45 3 45.7              | T 80D4   | 6.5    |   |
| 30.6                                | 93.3  | 319.8            | 2.5                                  | P - 90 3 93.3              | T 80B2   | 7.5    |   |
| 30.5                                | 30.2  | 327.1            | 2.0                                  | P - 80 2 30.15             | T 90L6   | 7.5    |   |
| 30.4                                | 46.0  | 321.0            | 1.9                                  | P L 65 3 46                | T 80D4   | 8.0    |   |
| 30.2                                | 30.5  | 330.9            | 2.8                                  | P - 90 2 30.5              | T 90L6   | 10.5   |   |
| 29.8                                | 47.0  | 327.8            | 0.8                                  | P - 63 3 47                | T 80D4   | 4.0    |   |
| 29.7                                | 48.1  | 336.0            | 1.5                                  | P - 80 2 48.14             | T 90S4   | 7.5    |   |
| 29.3                                | 48.8  | 333.4            | 2.7                                  | P - 90 3 48.8              | T 90S4   | 7.5    |   |
| 29.1                                | 98.0  | 336.0            | 3.2                                  | P L 85 3 98                | T 80B2   | 11.0   |   |
| 29.1                                | 48.1  | 343.1            | 1.5                                  | P - 80 2 48.14             | T 80D4   | 7.5    |   |
| 29.0                                | 31.7  | 343.8            | 0.7                                  | P - 63 2 31.7              | T 90L6   | 5.6    |   |
| 28.8                                | 98.9  | 338.9            | 0.7                                  | P - 63 3 98.9              | T 80B2   | 4.0    |   |
| 28.8                                | 99.0  | 339.4            | 1.6                                  | P L 65 3 99                | T 80B2   | 8.0    |   |
| 28.8                                | 32.0  | 339.8            | 0.8                                  | P L 45 3 32                | T 90L6   | 6.5    |   |
| 28.7                                | 99.3  | 340.5            | 1.2                                  | P - 71 3 99.3              | T 80B2   | 5.4    |   |
| 28.7                                | 48.8  | 340.5            | 2.7                                  | P - 90 3 48.8              | T 80D4   | 7.5    |   |
| 28.5                                | 32.3  | 343.1            | 1.9                                  | P L 65 3 32.3              | T 90L6   | 8.0    |   |
| 28.3                                | 100.6   | 344.8            | 2.3                                  | P - 90 3 100.6             | T 80B2   | 7.5    |   |
| 28.3                                | 50.5  | 352.4            | 1.3                                  | P - 71 2 50.5              | T 90S4   | 7.5    |   |
| 28.1                                | 50.9  | 355.2            | 1.0                                  | P - 80 2 50.87             | T 90S4   | 7.5    |   |
| 28.1                                | 50.9  | 355.2            | 2.4                                  | P - 90 2 50.9              | T 90S4   | 10.5   |   |
| 27.8                                | 33.1  | 359.1            | 1.1                                  | P - 71 2 33.1              | T 90L6   | 7.5    |   |
| 27.7                                | 50.5  | 360.1            | 1.3                                  | P - 71 2 50.5              | T 80D4   | 7.5    |   |
| 27.5                                | 50.9  | 362.5            | 1.0                                  | P - 80 2 50.87             | T 80D4   | 7.5    |   |
| 27.5                                | 50.9  | 362.9            | 2.4                                  | P - 90 2 50.9              | T 80D4   | 10.5   |   |
| 26.7                                | 53.5  | 365.6            | 1.3                                  | P - 71 3 53.5              | T 90S4   | 5.4    |   |
| 26.7                                | 34.5  | 366.3            | 3.1                                  | P L 85 3 34.5              | T 90L6   | 11.0   |   |
| 26.5                                | 107.5   | 368.4            | 1.1                                  | P - 71 3 107.5             | T 80B2   | 5.4    |   |
| 26.4                                | 34.8  | 377.5            | 1.7                                  | P - 80 2 34.79             | T 90L6   | 7.5    |   |
| 26.3                                | 54.3  | 371.0            | 1.6                                  | P L 65 3 54.3              | T 90S4   | 8.0    |   |
| 26.3                                | 35.0  | 379.6            | 2.3                                  | P - 90 2 35                | T 90L6   | 10.5   |   |
| 26.2                                | 108.9   | 373.4            | 2.4                                  | P - 90 3 108.9             | T 80B2   | 7.5    |   |
| 26.2                                | 53.5  | 373.4            | 1.2                                  | P - 71 3 53.5              | T 80D4   | 5.4    |   |
| 25.9                                | 55.2  | 377.0            | 2.4                                  | P - 90 3 55.2              | T 90S4   | 7.5    |   |
| 25.8                                | 54.3  | 378.9            | 1.6                                  | P L 65 3 54.3              | T 80D4   | 8.0    |   |
| 25.8                                | 55.5  | 387.3            | 0.9                                  | P - 80 2 55.49             | T 90S4   | 7.5    |   |
| 25.4                                | 56.3  | 384.6            | 3.1                                  | P L 85 3 56.3              | T 90S4   | 11.0   |   |
| 25.4                                | 55.2  | 385.3            | 2.4                                  | P - 90 3 55.2              | T 80D4   | 7.5    |   |
| 25.2                                | 55.5  | 395.7            | 0.9                                  | P - 80 2 55.49             | T 80D4   | 7.5    |   |
| 25.1                                | 113.5   | 389.1            | 2.8                                  | P L 85 3 113.5             | T 80B2   | 11.0   |   |
| 24.9                                | 56.3  | 392.9            | 3.1                                  | P L 85 3 56.3              | T 80D4   | 11.0   |   |
| 24.7                                | 37.3  | 404.8            | 1.0                                  | P - 71 2 37.3              | T 90L6   | 7.5    |   |
| 24.5                                | 116.2   | 398.4            | 1.4                                  | P L 65 3 116.2             | T 80B2   | 8.0    |   |
| 24.5                                | 37.6  | 399.2            | 1.6                                  | P L 65 3 37.6              | T 90L6   | 8.0    |   |
| 24.3                                | 117.2   | 401.8            | 3.7                                  | P - 112 3 117.2            | T 80B2   | 11.8   |   |
| 24.2                                | 38.0  | 411.6            | 1.6                                  | P - 80 2 37.95             | T 90L6   | 7.5    |   |
| 23.8                                | 38.7  | 411.0            | 3.2                                  | P L 85 3 38.7              | T 90L6   | 11.0   |   |
| 23.8                                | 38.7  | 411.0            | 2.3                                  | P - 90 3 38.7              | T 90L6   | 7.5    |   |
| 23.5                                | 60.8  | 415.4            | 1.1                                  | P - 71 3 60.8              | T 90S4   | 5.4    |   |

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HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 23.3                                | 39.5  | 419.6            | 1.1                                   | P - 71 3 39.5              | T 90L6  | 5.4   |   |
| 23.2                                | 39.6  | 429.9            | 1.3                                   | P - 80 2 39.63             | T 90L6  | 7.5   |   |
| 23.1                                | 61.8  | 431.1            | 0.8                                   | P - 80 2 61.79             | T 90S4  | 7.5   |   |
| 23.0                                | 60.8  | 424.1            | 1.1                                   | P - 71 3 60.8              | T 80D4  | 5.4   |   |
| 23.0                                | 123.8   | 424.2            | 1.0                                   | P - 71 3 123.8             | T 80B2  | 5.4   |   |
| 23.0                                | 62.3  | 425.8            | 2.1                                   | P - 90 3 62.3              | T 90S4  | 7.5   |   |
| 22.8                                | 125.0   | 428.5            | 2.1                                   | P - 90 3 125               | T 80B2  | 7.5   |   |
| 22.8                                | 40.4  | 438.4            | 1.7                                   | P - 90 2 40.4              | T 90L6  | 10.5  |   |
| 22.7                                | 61.8  | 440.5            | 0.8                                   | P - 80 2 61.79             | T 80D4  | 7.5   |   |
| 22.5                                | 62.3  | 434.8            | 2.1                                   | P - 90 3 62.3              | T 80D4  | 7.5   |   |
| 22.4                                | 63.9  | 436.5            | 2.7                                   | P L 85 3 63.9              | T 90S4  | 11.0  |   |
| 22.3                                | 62.7  | 437.5            | 4.0                                   | P - 112 3 62.7             | T 80D4  | 11.8  |   |
| 22.3                                | 64.2  | 438.9            | 1.0                                   | P - 71 3 64.2              | T 90S4  | 5.4   |   |
| 22.2                                | 128.3   | 439.9            | 3.4                                   | P - 112 3 128.3            | T 80B2  | 11.8  |   |
| 22.2                                | 64.4  | 440.0            | 1.4                                   | P L 65 3 64.4              | T 90S4  | 8.0   |   |
| 21.9                                | 63.9  | 445.9            | 2.7                                   | P L 85 3 63.9              | T 80D4  | 11.0  |   |
| 21.8                                | 64.2  | 447.8            | 1.0                                   | P - 71 3 64.2              | T 80D4  | 5.4   |   |
| 21.8                                | 42.3  | 458.2            | 1.2                                   | P - 80 2 42.25             | T 90L6  | 7.5   |   |
| 21.7                                | 64.4  | 449.3            | 1.3                                   | P L 65 3 64.4              | T 80D4  | 8.0   |   |
| 21.2                                | 67.4  | 460.4            | 3.8                                   | P - 112 3 67.4             | T 90S4  | 11.8  |   |
| 21.2                                | 134.3   | 460.6            | 0.9                                   | P - 71 3 134.3             | T 80B2  | 5.4   |   |
| 21.1                                | 43.7  | 464.1            | 2.8                                   | P L 85 3 43.7              | T 90L6  | 11.0  |   |
| 21.1                                | 43.7  | 464.1            | 2.0                                   | P - 90 3 43.7              | T 90L6  | 7.5   |   |
| 20.9                                | 44.1  | 478.5            | 2.0                                   | P - 90 2 44.1              | T 90L6  | 10.5  |   |
| 20.8                                | 136.8   | 469.0            | 2.3                                   | P L 85 3 136.8             | T 80B2  | 11.0  |   |
| 20.8                                | 67.4  | 470.4            | 3.7                                   | P - 112 3 67.4             | T 80D4  | 11.8  |   |
| 20.6                                | 44.7  | 485.1            | 0.9                                   | P - 71 2 44.7              | T 90L6  | 7.5   |   |
| 20.5                                | 138.8   | 476.0            | 1.1                                   | P L 65 3 138.8             | T 80B2  | 8.0   |   |
| 20.3                                | 70.6  | 482.4            | 1.9                                   | P - 90 3 70.6              | T 90S4  | 7.5   |   |
| 20.2                                | 141.0   | 483.3            | 1.9                                   | P - 90 3 141               | T 80B2  | 7.5   |   |
| 20.0                                | 46.0  | 488.4            | 1.3                                   | P L 65 3 46                | T 90L6  | 8.0   |   |
| 19.8                                | 70.6  | 492.6            | 1.8                                   | P - 90 3 70.6              | T 80D4  | 7.5   |   |
| 19.7                                | 72.6  | 495.9            | 3.5                                   | P - 112 3 72.6             | T 90S4  | 11.8  |   |
| 19.3                                | 74.0  | 505.7            | 2.4                                   | P L 85 3 74                | T 90S4  | 11.0  |   |
| 19.3                                | 72.6  | 506.7            | 3.5                                   | P - 112 3 72.6             | T 80D4  | 11.8  |   |
| 19.3                                | 148.0   | 507.2            | 3.0                                   | P - 112 3 148              | T 80B2  | 11.8  |   |
| 19.2                                | 74.4  | 508.5            | 1.2                                   | P L 65 3 74.4              | T 90S4  | 8.0   |   |
| 19.1                                | 48.1  | 522.1            | 1.0                                   | P - 80 2 48.14             | T 90L6  | 7.5   |   |
| 19.0                                | 75.4  | 514.8            | 0.9                                   | P - 71 3 75.4              | T 90S4  | 5.4   |   |
| 18.9                                | 74.0  | 516.4            | 2.3                                   | P L 85 3 74                | T 80D4  | 11.0  |   |
| 18.9                                | 48.8  | 518.2            | 1.8                                   | P - 90 3 48.8              | T 90L6  | 7.5   |   |
| 18.8                                | 74.4  | 519.3            | 1.2                                   | P L 65 3 74.4              | T 80D4  | 8.0   |   |
| 18.7                                | 76.3  | 521.4            | 1.7                                   | P - 90 3 76.3              | T 90S4  | 7.5   |   |
| 18.7                                | 152.8   | 523.8            | 1.0                                   | P L 65 3 152.8             | T 80B2  | 8.0   |   |
| 18.6                                | 75.4  | 526.0            | 0.9                                   | P - 71 3 75.4              | T 80D4  | 5.4   |   |
| 18.4                                | 154.8   | 530.4            | 0.8                                   | P - 71 3 154.8             | T 80B2  | 5.4   |   |
| 18.4                                | 155.2   | 532.2            | 1.7                                   | P - 90 3 155.2             | T 80B2  | 7.5   |   |
| 18.4                                | 76.3  | 532.4            | 1.7                                   | P - 90 3 76.3              | T 80D4  | 7.5   |   |
| 18.2                                | 78.5  | 536.2            | 3.3                                   | P - 112 3 78.5             | T 90S4  | 11.8  |   |
| 18.2                                | 50.5  | 547.6            | 0.8                                   | P - 71 2 50.5              | T 90L6  | 7.5   |   |
| 18.1                                | 50.9  | 552.3            | 1.7                                   | P - 90 2 50.9              | T 90L6  | 10.5  |   |
| 18.0                                | 51.2  | 543.7            | 3.4                                   | P - 112 3 51.2             | T 90L6  | 11.8  |   |
| 17.9                                | 158.9   | 544.6            | 3.9                                   | P L 95 3 158.9             | T 80B2  | 16.0  |   |
| 17.8                                | 78.5  | 548.0            | 3.2                                   | P - 112 3 78.5             | T 80D4  | 11.8  |   |
| 17.8                                | 160.0   | 548.5            | 2.0                                   | P L 85 3 160               | T 80B2  | 11.0  |   |
| 17.5                                | 163.2   | 559.3            | 0.8                                   | P - 71 3 163.2             | T 80B2  | 5.4   |   |
| 17.3                                | 82.8  | 565.9            | 1.6                                   | P - 90 3 82.8              | T 90S4  | 7.5   |   |
| 17.2                                | 53.5  | 567.9            | 0.8                                   | P - 71 3 53.5              | T 90L6  | 5.4   |   |
| 17.1                                | 167.0   | 572.3            | 2.6                                   | P - 112 3 167              | T 80B2  | 11.8  |   |
| 16.9                                | 54.3  | 576.6            | 1.1                                   | P L 65 3 54.3              | T 90L6  | 8.0   |   |
| 16.9                                | 82.8  | 577.6            | 1.6                                   | P - 90 3 82.8              | T 80D4  | 7.5   |   |
| 16.8                                | 84.9  | 580.2            | 2.1                                   | P L 85 3 84.9              | T 90S4  | 11.0  |   |
| 16.8                                | 54.7  | 580.9            | 3.9                                   | P L 95 3 54.7              | T 90L6  | 16.0  |   |
| 16.7                                | 85.4  | 583.6            | 1.0                                   | P L 65 3 85.4              | T 90S4  | 8.0   |   |
| 16.7                                | 55.2  | 586.0            | 1.6                                   | P - 90 3 55.2              | T 90L6  | 7.5   |   |
| 16.5                                | 84.9  | 592.5            | 2.0                                   | P L 85 3 84.9              | T 80D4  | 11.0  |   |
| 16.5                                | 86.8  | 593.2            | 0.8                                   | P - 71 3 86.8              | T 90S4  | 5.4   |   |
| 16.4                                | 85.4  | 596.2            | 1.0                                   | P L 65 3 85.4              | T 80D4  | 8.0   |   |
| 16.4                                | 87.3  | 596.5            | 2.9                                   | P - 112 3 87.3             | T 90S4  | 11.8  |   |
| 16.3                                | 56.3  | 597.8            | 2.2                                   | P L 85 3 56.3              | T 90L6  | 11.0  |   |
| 16.3                                | 86.0  | 600.1            | 4.0                                   | P L 95 3 86                | T 80D4  | 16.0  |   |
| 16.3                                | 175.4   | 601.2            | 0.9                                   | P L 65 3 175.4             | T 80B2  | 8.0   |   |
| 16.1                                | 86.8  | 606.0            | 0.8                                   | P - 71 3 86.8              | T 80D4  | 5.4   |   |
| 16.0                                | 87.3  | 609.0            | 2.9                                   | P - 112 3 87.3             | T 80D4  | 11.8  |   |
| 16.0                                | 178.1   | 610.7            | 1.5                                   | P - 90 3 178.1             | T 80B2  | 7.5   |   |
| 15.7                                | 58.5  | 621.1            | 3.0                                   | P - 112 3 58.5             | T 90L6  | 11.8  |   |
| 15.6                                | 91.5  | 624.7            | 0.7                                   | P - 71 3 91.5              | T 90S4  | 5.4   |   |
| 15.4                                | 184.6   | 632.6            | 1.7                                   | P L 85 3 184.6             | T 80B2  | 11.0  |   |
| 15.3                                | 93.3  | 637.2            | 1.4                                   | P - 90 3 93.3              | T 90S4  | 7.5   |   |
| 15.3                                | 91.5  | 638.9            | 0.7                                   | P - 71 3 91.5              | T 80D4  | 5.4   |   |
| 15.3                                | 93.6  | 639.3            | 2.7                                   | P - 112 3 93.6             | T 90S4  | 11.8  |   |
| 15.2                                | 187.1   | 641.5            | 3.3                                   | P L 95 3 187.1             | T 80B2  | 16.0  |   |
| 15.1                                | 60.8  | 645.4            | 0.7                                   | P - 71 3 60.8              | T 90L6  | 5.4   |   |
| 15.0                                | 93.3  | 650.8            | 1.4                                   | P - 90 3 93.3              | T 80D4  | 7.5   |   |
| 15.0                                | 93.6  | 653.0            | 2.7                                   | P - 112 3 93.6             | T 80D4  | 11.8  |   |
| 14.9                                | 191.5   | 656.6            | 2.3                                   | P - 112 3 191.5            | T 80B2  | 11.8  |   |
| 14.8                                | 62.3  | 661.3            | 1.4                                   | P - 90 3 62.3              | T 90L6  | 7.5   |   |
| 14.7                                | 62.7  | 666.0            | 2.8                                   | P - 112 3 62.7             | T 90L6  | 11.8  |   |
| 14.6                                | 98.0  | 669.7            | 1.8                                   | P L 85 3 98                | T 90S4  | 11.0  |   |
| 14.5                                | 98.4  | 672.4            | 3.6                                   | P L 95 3 98.4              | T 90S4  | 16.0  |   |
| 14.4                                | 99.0  | 676.2            | 0.9                                   | P L 65 3 99                | T 90S4  | 8.0   |   |
| 14.4                                | 63.9  | 678.4            | 1.9                                   | P L 85 3 63.9              | T 90L6  | 11.0  |   |
| 14.4                                | 197.9   | 678.1            | 0.8                                   | P L 65 3 197.9             | T 80B2  | 8.0   |   |
| 14.3                                | 199.5   | 683.6            | 3.1                                   | P L 95 3 199.5             | T 80B2  | 16.0  |   |
| 14.3                                | 98.0  | 683.6            | 1.8                                   | P L 85 3 98                | T 80D4  | 11.0  |   |

1,1





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------|--------|---|
| 14,3                                | 64,4  | 683,6            | 1,0                                  | P L 65 3 64.4              | T 90L6   | 8,0    |   |
| 14,2                                | 98,4  | 686,6            | 3,5                                  | P L 95 3 98.4              | T 80D4   | 16,0   |   |
| 14,2                                | 100,6   | 687,5            | 1,3                                  | P - 90 3 100.6             | T 90S4   | 7,5    |   |
| 14,2                                | 201,0   | 688,9            | 1,3                                  | P - 90 3 201               | T 80B2   | 7,5    |   |
| 14,1                                | 99,0  | 691,1            | 0,9                                  | P L 65 3 99                | T 80D4   | 8,0    |   |
| 14,1                                | 65,4  | 694,3            | 3,5                                  | P L 95 3 65.4              | T 90L6   | 16,0   |   |
| 14,0                                | 204,1   | 699,6            | 1,5                                  | P L 85 3 204.1             | T 80B2   | 11,0   |   |
| 13,9                                | 100,6   | 702,0            | 1,3                                  | P - 90 3 100.6             | T 80D4   | 7,5    |   |
| 13,7                                | 67,4  | 715,6            | 2,6                                  | P - 112 3 67.4             | T 90L6   | 11,8   |   |
| 13,3                                | 214,0   | 733,3            | 1,5                                  | P L 85 3 214               | T 80B2   | 11,0   |   |
| 13,2                                | 108,4   | 740,7            | 2,4                                  | P - 112 3 108.4            | T 90S4   | 11,8   |   |
| 13,1                                | 108,9   | 744,2            | 1,2                                  | P - 90 3 108.9             | T 90S4   | 7,5    |   |
| 13,0                                | 70,6  | 750,0            | 1,3                                  | P - 90 3 70.6              | T 90L6   | 7,5    |   |
| 12,9                                | 108,4   | 756,1            | 2,3                                  | P - 112 3 108.4            | T 80D4   | 11,8   |   |
| 12,9                                | 220,9   | 757,2            | 2,0                                  | P - 112 3 220.9            | T 80B2   | 11,8   |   |
| 12,9                                | 221,3   | 758,6            | 2,8                                  | P L 95 3 221.3             | T 80B2   | 16,0   |   |
| 12,9                                | 108,9   | 759,5            | 1,2                                  | P - 90 3 108.9             | T 80D4   | 7,5    |   |
| 12,7                                | 224,4   | 769,4            | 1,2                                  | P - 90 3 224.4             | T 80B2   | 7,5    |   |
| 12,7                                | 72,6  | 771,2            | 2,4                                  | P - 112 3 72.6             | T 90L6   | 11,8   |   |
| 12,6                                | 113,5   | 775,6            | 1,5                                  | P L 85 3 113.5             | T 90S4   | 11,0   |   |
| 12,4                                | 74,0  | 786,1            | 1,7                                  | P L 85 3 74                | T 90L6   | 11,0   |   |
| 12,4                                | 74,2  | 787,8            | 3,0                                  | P L 95 3 74.2              | T 90L6   | 16,0   |   |
| 12,4                                | 74,4  | 790,1            | 0,8                                  | P L 65 3 74.4              | T 90L6   | 8,0    |   |
| 12,3                                | 116,0   | 792,3            | 3,0                                  | P L 95 3 116               | T 90S4   | 16,0   |   |
| 12,3                                | 113,5   | 792,3            | 1,5                                  | P L 85 3 113.5             | T 80D4   | 11,0   |   |
| 12,3                                | 116,2   | 793,3            | 0,8                                  | P L 65 3 116.2             | T 90S4   | 8,0    |   |
| 12,2                                | 117,2   | 800,7            | 2,2                                  | P - 112 3 117.2            | T 90S4   | 11,8   |   |
| 12,2                                | 234,0   | 802,2            | 1,3                                  | P L 85 3 234               | T 80B2   | 11,0   |   |
| 12,1                                | 116,0   | 809,3            | 3,0                                  | P L 95 3 116               | T 80D4   | 16,0   |   |
| 12,1                                | 76,3  | 810,2            | 1,2                                  | P - 90 3 76.3              | T 90L6   | 7,5    |   |
| 12,1                                | 116,2   | 810,8            | 0,7                                  | P L 65 3 116.2             | T 80D4   | 8,0    |   |
| 12,0                                | 117,2   | 817,4            | 2,1                                  | P - 112 3 117.2            | T 80D4   | 11,8   |   |
| 11,8                                | 241,0   | 825,8            | 1,8                                  | P - 112 3 241              | T 80B2   | 11,8   |   |
| 11,7                                | 243,2   | 833,6            | 2,5                                  | P L 95 3 243.2             | T 80B2   | 16,0   |   |
| 11,7                                | 78,5  | 833,7            | 2,2                                  | P - 112 3 78.5             | T 90L6   | 11,8   |   |
| 11,5                                | 79,8  | 856,5            | 3,8                                  | P L 105 3 79.8             | T 90L6   | 22,0   |   |
| 11,4                                | 125,0   | 854,1            | 1,1                                  | P - 90 3 125               | T 90S4   | 7,5    |   |
| 11,4                                | 251,2   | 832,9            | 3,8                                  | P E 125 251,17             | T 80B2   | 10,5   |   |
| 11,3                                | 126,1   | 870,8            | 3,9                                  | P L 105 3 126.1            | T 90S4   | 22,0   |   |
| 11,3                                | 253,2   | 867,4            | 1,0                                  | P - 90 3 253.2             | T 80B2   | 7,5    |   |
| 11,2                                | 125,0   | 872,0            | 1,0                                  | P - 90 3 125               | T 80D4   | 7,5    |   |
| 11,2                                | 128,3   | 876,2            | 2,0                                  | P - 112 3 128.3            | T 90S4   | 11,8   |   |
| 11,1                                | 82,8  | 879,4            | 1,1                                  | P - 90 3 82.8              | T 90L6   | 7,5    |   |
| 11,1                                | 126,1   | 889,6            | 3,8                                  | P L 105 3 126.1            | T 80D4   | 22,0   |   |
| 10,9                                | 128,3   | 895,3            | 2,0                                  | P - 112 3 128.3            | T 80D4   | 11,8   |   |
| 10,8                                | 84,9  | 901,1            | 1,4                                  | P L 85 3 84.9              | T 90L6   | 11,0   |   |
| 10,8                                | 85,4  | 907,4            | 0,7                                  | P L 65 3 85.4              | T 90L6   | 8,0    |   |
| 10,7                                | 266,2   | 912,3            | 2,3                                  | P L 95 3 266.2             | T 80B2   | 16,0   |   |
| 10,7                                | 86,0  | 913,2            | 2,6                                  | P L 95 3 86                | T 90L6   | 16,0   |   |
| 10,6                                | 134,4   | 918,3            | 2,6                                  | P L 95 3 134.4             | T 90S4   | 16,0   |   |
| 10,6                                | 270,0   | 925,2            | 1,2                                  | P L 85 3 270               | T 80B2   | 11,0   |   |
| 10,5                                | 87,3  | 927,1            | 2,0                                  | P - 112 3 87.3             | T 90L6   | 11,8   |   |
| 10,5                                | 87,4  | 937,8            | 3,6                                  | P L 105 3 87.4             | T 90L6   | 22,0   |   |
| 10,5                                | 136,8   | 934,8            | 1,3                                  | P L 85 3 136.8             | T 90S4   | 11,0   |   |
| 10,4                                | 273,5   | 907,3            | 3,3                                  | P E 125 273,48             | T 80B2   | 10,5   |   |
| 10,4                                | 134,4   | 937,5            | 2,6                                  | P L 95 3 134.4             | T 80D4   | 16,0   |   |
| 10,3                                | 278,1   | 953,2            | 1,6                                  | P - 112 3 278.1            | T 80B2   | 11,8   |   |
| 10,2                                | 136,8   | 955,1            | 1,3                                  | P L 85 3 136.8             | T 80D4   | 11,0   |   |
| 10,2                                | 139,9   | 966,2            | 3,5                                  | P L 105 3 139.9            | T 90S4   | 22,0   |   |
| 10,2                                | 90,6  | 972,9            | 3,6                                  | P L 105 3 90.6             | T 90L6   | 22,0   |   |
| 10,1                                | 141,0   | 963,4            | 0,9                                  | P - 90 3 141               | T 90S4   | 7,5    |   |
| 10,0                                | 139,9   | 986,5            | 3,4                                  | P L 105 3 139.9            | T 80D4   | 22,0   |   |
| 10,0                                | 286,5   | 950,1            | 3,7                                  | P E 132 286,51             | T 80B2   | 12,0   |   |
| 9,9                                 | 141,0   | 984,3            | 0,9                                  | P - 90 3 141               | T 80D4   | 7,5    |   |
| 9,9                                 | 93,3  | 990,9            | 1,0                                  | P - 90 3 93.3              | T 90L6   | 7,5    |   |
| 9,8                                 | 93,6  | 993,7            | 1,9                                  | P - 112 3 93.6             | T 90L6   | 11,8   |   |
| 9,7                                 | 148,0   | 1011,6           | 1,7                                  | P - 112 3 148              | T 90S4   | 11,8   |   |
| 9,5                                 | 148,0   | 1032,7           | 1,7                                  | P - 112 3 148              | T 80D4   | 11,8   |   |
| 9,4                                 | 151,5   | 1001,6           | 3,5                                  | P E 125 151,48             | T 90S4   | 10,5   |   |
| 9,4                                 | 98,0  | 1040,8           | 1,2                                  | P L 85 3 98                | T 90L6   | 11,0   |   |
| 9,4                                 | 98,4  | 1044,7           | 2,3                                  | P L 95 3 98.4              | T 90L6   | 16,0   |   |
| 9,3                                 | 153,9   | 1063,0           | 3,2                                  | P L 105 3 153.9            | T 90S4   | 22,0   |   |
| 9,3                                 | 307,7   | 1020,9           | 3,1                                  | P E 125 307,71             | T 80B2   | 10,5   |   |
| 9,2                                 | 151,5   | 1023,1           | 3,4                                  | P E 125 151,48             | T 80D4   | 10,5   |   |
| 9,2                                 | 155,2   | 1060,4           | 0,9                                  | P - 90 3 155.2             | T 90S4   | 7,5    |   |
| 9,2                                 | 100,4   | 1078,1           | 3,3                                  | P L 105 3 100.4            | T 90L6   | 22,0   |   |
| 9,2                                 | 100,6   | 1067,2           | 0,9                                  | P - 90 3 100.6             | T 90L6   | 7,5    |   |
| 9,1                                 | 153,9   | 1085,2           | 3,2                                  | P L 105 3 153.9            | T 80D4   | 22,0   |   |
| 9,0                                 | 158,6   | 1048,1           | 3,8                                  | P E 132 158,56             | T 90S4   | 12,0   |   |
| 9,0                                 | 155,2   | 1083,3           | 0,8                                  | P - 90 3 155.2             | T 80D4   | 7,5    |   |
| 9,0                                 | 316,6   | 1050,5           | 3,3                                  | P E 132 316,62             | T 80B2   | 12,0   |   |
| 9,0                                 | 158,9   | 1085,5           | 2,2                                  | P L 95 3 158.9             | T 90S4   | 16,0   |   |
| 8,9                                 | 160,0   | 1092,7           | 1,1                                  | P L 85 3 160               | T 90S4   | 11,0   |   |
| 8,8                                 | 158,6   | 1070,8           | 3,7                                  | P E 132 158,56             | T 80D4   | 12,0   |   |
| 8,8                                 | 158,9   | 1108,8           | 2,2                                  | P L 95 3 158.9             | T 80D4   | 16,0   |   |
| 8,8                                 | 160,0   | 1116,8           | 1,1                                  | P L 85 3 160               | T 80D4   | 11,0   |   |
| 8,6                                 | 167,0   | 1141,1           | 1,5                                  | P - 112 3 167              | T 90S4   | 11,8   |   |
| 8,5                                 | 108,4   | 1150,7           | 1,6                                  | P - 112 3 108.4            | T 90L6   | 11,8   |   |
| 8,5                                 | 169,2   | 1168,4           | 3,0                                  | P L 105 3 169.2            | T 90S4   | 22,0   |   |
| 8,5                                 | 108,9   | 1156,3           | 0,8                                  | P - 90 3 108.9             | T 90L6   | 7,5    |   |
| 8,4                                 | 167,0   | 1166,0           | 1,5                                  | P - 112 3 167              | T 80D4   | 11,8   |   |
| 8,3                                 | 110,5   | 1185,5           | 3,0                                  | P L 105 3 110.5            | T 90L6   | 22,0   |   |
| 8,3                                 | 169,2   | 1194,2           | 2,9                                  | P L 105 3 169.2            | T 80D4   | 22,0   |   |
| 8,2                                 | 173,5   | 1147,3           | 3,5                                  | P E 132 173,51             | T 90S4   | 12,0   |   |
| 8,1                                 | 350,3   | 1161,3           | 2,2                                  | P E 125 350,27             | T 80B2   | 10,5   |   |

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HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
| 8.1                                 | 8.1   | 113.5            | 1204.7                               | 1.1                        | P L 85 3 113.5  | T 90L6  | 11.0                                      |
| 8.1                                 | 8.1   | 352.5            | 1168.8                               | 3.0                        | P E 132 352.46  | T 80B2  | 12.0                                      |
| 8.1                                 | 8.1   | 173.5            | 1171.5                               | 3.4                        | P E 132 173.51  | T 80D4  | 12.0                                      |
| 8.0                                 | 8.0   | 178.1            | 1216.3                               | 0.7                        | P - 90 3 178.1  | T 90S4  | 7.5                                       |
| 7.9                                 | 7.9   | 116.0            | 1231.9                               | 1.9                        | P L 95 3 116  | T 90L6  | 16.0                                      |
| 7.9                                 | 7.9   | 178.1            | 1243.5                               | 0.7                        | P - 90 3 178.1  | T 80D4  | 7.5                                       |
| 7.9                                 | 7.9   | 117.2            | 1244.5                               | 1.5                        | P - 112 3 117.2   | T 90L6  | 11.8                                      |
| 7.8                                 | 7.8   | 184.6            | 1260.7                               | 1.0                        | P L 85 3 184.6  | T 90S4  | 11.0                                      |
| 7.7                                 | 7.7   | 185.2            | 1279.1                               | 2.7                        | P L 105 3 185.2   | T 90S4  | 22.0                                      |
| 7.7                                 | 7.7   | 185.6            | 1227.7                               | 2.9                        | P E 125 185.62  | T 90S4  | 10.5                                      |
| 7.6                                 | 7.6   | 187.1            | 1278.5                               | 1.9                        | P L 95 3 187.1  | T 90S4  | 16.0                                      |
| 7.6                                 | 7.6   | 184.6            | 1289.1                               | 0.9                        | P L 85 3 184.6  | T 80D4  | 11.0                                      |
| 7.6                                 | 7.6   | 185.2            | 1306.0                               | 2.7                        | P L 105 3 185.2   | T 80D4  | 22.0                                      |
| 7.5                                 | 7.5   | 185.6            | 1254.1                               | 2.8                        | P E 125 185.62  | T 80D4  | 10.5                                      |
| 7.5                                 | 7.5   | 191.0            | 1262.2                               | 3.2                        | P E 132 190.95  | T 90S4  | 12.0                                      |
| 7.5                                 | 7.5   | 187.1            | 1306.3                               | 1.8                        | P L 95 3 187.1  | T 80D4  | 16.0                                      |
| 7.5                                 | 7.5   | 191.5            | 1307.7                               | 1.3                        | P - 112 3 191.5   | T 90S4  | 11.8                                      |
| 7.4                                 | 7.4   | 383.9            | 1274.0                               | 2.5                        | P E 125 383.88  | T 80B2  | 10.5                                      |
| 7.4                                 | 7.4   | 125.0            | 1327.6                               | 0.7                        | P - 90 3 125  | T 90L6  | 7.5                                       |
| 7.4                                 | 7.4   | 387.9            | 1286.3                               | 2.7                        | P E 132 387.9   | T 80B2  | 12.0                                      |
| 7.3                                 | 7.3   | 191.0            | 1289.9                               | 3.1                        | P E 132 190.95  | T 80D4  | 12.0                                      |
| 7.3                                 | 7.3   | 191.5            | 1336.8                               | 1.3                        | P - 112 3 191.5   | T 80D4  | 11.8                                      |
| 7.3                                 | 7.3   | 126.1            | 1352.9                               | 2.7                        | P L 105 3 126.1   | T 90L6  | 22.0                                      |
| 7.2                                 | 7.2   | 199.5            | 1362.2                               | 1.8                        | P L 95 3 199.5  | T 90S4  | 16.0                                      |
| 7.2                                 | 7.2   | 128.3            | 1362.2                               | 1.4                        | P - 112 3 128.3   | T 90L6  | 11.8                                      |
| 7.0                                 | 7.0   | 199.5            | 1391.7                               | 1.7                        | P L 95 3 199.5  | T 80D4  | 16.0                                      |
| 7.0                                 | 7.0   | 204.1            | 1393.9                               | 0.9                        | P L 85 3 204.1  | T 90S4  | 11.0                                      |
| 6.9                                 | 6.9   | 204.1            | 1423.9                               | 0.8                        | P L 85 3 204.1  | T 80D4  | 11.0                                      |
| 6.9                                 | 6.9   | 416.3            | 1380.4                               | 2.3                        | P E 125 416.28  | T 80B2  | 10.5                                      |
| 6.9                                 | 6.9   | 134.4            | 1426.3                               | 1.7                        | P L 95 3 134.4  | T 90L6  | 16.0                                      |
| 6.8                                 | 6.8   | 420.9            | 1396.7                               | 3.9                        | P E 150 420.86  | T 80B2  | 16.0                                      |
| 6.7                                 | 6.7   | 212.6            | 1404.9                               | 2.8                        | P E 132 212.62  | T 90S4  | 12.0                                      |
| 6.7                                 | 6.7   | 136.8            | 1451.8                               | 0.9                        | P L 85 3 136.8  | T 90L6  | 11.0                                      |
| 6.7                                 | 6.7   | 214.0            | 1461.8                               | 0.8                        | P L 85 3 214  | T 90S4  | 11.0                                      |
| 6.6                                 | 6.6   | 212.6            | 1437.0                               | 2.8                        | P E 132 212.62  | T 80D4  | 12.0                                      |
| 6.6                                 | 6.6   | 139.9            | 1500.4                               | 2.5                        | P L 105 3 139.9   | T 90L6  | 22.0                                      |
| 6.5                                 | 6.5   | 214.0            | 1493.2                               | 0.8                        | P L 85 3 214  | T 80D4  | 11.0                                      |
| 6.5                                 | 6.5   | 439.7            | 1458.9                               | 2.4                        | P E 132 439.72  | T 80B2  | 12.0                                      |
| 6.5                                 | 6.5   | 220.9            | 1509.8                               | 1.2                        | P - 112 3 220.9   | T 90S4  | 11.8                                      |
| 6.5                                 | 6.5   | 221.3            | 1512.0                               | 1.6                        | P L 95 3 221.3  | T 90S4  | 16.0                                      |
| 6.3                                 | 6.3   | 220.9            | 1541.2                               | 1.1                        | P - 112 3 220.9   | T 80D4  | 11.8                                      |
| 6.3                                 | 6.3   | 221.3            | 1543.0                               | 1.6                        | P L 95 3 221.3  | T 80D4  | 16.0                                      |
| 6.3                                 | 6.3   | 227.3            | 1503.3                               | 2.3                        | P E 125 227.28  | T 90S4  | 10.5                                      |
| 6.2                                 | 6.2   | 458.3            | 1520.0                               | 3.6                        | P E 150 458.31  | T 80B2  | 16.0                                      |
| 6.2                                 | 6.2   | 148.0            | 1570.2                               | 1.2                        | P - 112 3 148   | T 90L6  | 11.8                                      |
| 6.2                                 | 6.2   | 461.9            | 1532.4                               | 2.1                        | P E 125 461.93  | T 80B2  | 10.5                                      |
| 6.2                                 | 6.2   | 227.3            | 1535.1                               | 2.3                        | P E 125 227.28  | T 80D4  | 10.5                                      |
| 6.1                                 | 6.1   | 234.0            | 1547.1                               | 2.6                        | P E 132 234   | T 90S4  | 12.0                                      |
| 6.1                                 | 6.1   | 234.0            | 1598.1                               | 0.8                        | P L 85 3 234  | T 90S4  | 11.0                                      |
| 6.1                                 | 6.1   | 151.5            | 1557.4                               | 2.2                        | P E 125 151.48  | T 90L6  | 10.5                                      |
| 6.0                                 | 6.0   | 234.0            | 1581.0                               | 2.5                        | P E 132 234   | T 80D4  | 12.0                                      |
| 6.0                                 | 6.0   | 153.9            | 1651.1                               | 2.3                        | P L 105 3 153.9   | T 90L6  | 22.0                                      |
| 6.0                                 | 6.0   | 234.0            | 1633.7                               | 0.7                        | P L 85 3 234  | T 80D4  | 11.0                                      |
| 5.9                                 | 5.9   | 241.0            | 1648.1                               | 1.1                        | P - 112 3 241   | T 90S4  | 11.8                                      |
| 5.9                                 | 5.9   | 483.9            | 1605.5                               | 2.2                        | P E 132 483.92  | T 80B2  | 12.0                                      |
| 5.9                                 | 5.9   | 243.2            | 1661.4                               | 1.4                        | P L 95 3 243.2  | T 90S4  | 16.0                                      |
| 5.8                                 | 5.8   | 241.0            | 1681.2                               | 1.0                        | P - 112 3 241   | T 80D4  | 11.8                                      |
| 5.8                                 | 5.8   | 158.6            | 1630.2                               | 2.5                        | P E 132 158.56  | T 90L6  | 12.0                                      |
| 5.8                                 | 5.8   | 158.9            | 1686.9                               | 1.4                        | P L 95 3 158.9  | T 90L6  | 16.0                                      |
| 5.8                                 | 5.8   | 243.2            | 1696.7                               | 1.4                        | P L 95 3 243.2  | T 80D4  | 16.0                                      |
| 5.8                                 | 5.8   | 160.0            | 1698.3                               | 0.8                        | P L 85 3 160  | T 90L6  | 11.0                                      |
| 5.7                                 | 5.7   | 251.2            | 1661.6                               | 2.1                        | P E 125 251.17  | T 90S4  | 10.5                                      |
| 5.7                                 | 5.7   | 501.5            | 1664.3                               | 3.2                        | P E 150 501.52  | T 80B2  | 16.0                                      |
| 5.6                                 | 5.6   | 251.2            | 1697.5                               | 2.1                        | P E 125 251.17  | T 80D4  | 10.5                                      |
| 5.5                                 | 5.5   | 167.0            | 1773.0                               | 1.0                        | P - 112 3 167   | T 90L6  | 11.8                                      |
| 5.5                                 | 5.5   | 260.3            | 1722.1                               | 2.3                        | P E 132 260.34  | T 90S4  | 12.0                                      |
| 5.5                                 | 5.5   | 519.6            | 1725.5                               | 1.9                        | P E 125 519.6   | T 80B2  | 10.5                                      |
| 5.4                                 | 5.4   | 169.2            | 1815.5                               | 2.1                        | P L 105 3 169.2   | T 90L6  | 22.0                                      |
| 5.4                                 | 5.4   | 524.8            | 1741.3                               | 2.0                        | P E 132 524.76  | T 80B2  | 12.0                                      |
| 5.4                                 | 5.4   | 265.4            | 1753.9                               | 3.4                        | P E 150 265.44  | T 90S4  | 16.0                                      |
| 5.4                                 | 5.4   | 260.3            | 1757.2                               | 2.3                        | P E 132 260.34  | T 80D4  | 12.0                                      |
| 5.4                                 | 5.4   | 266.2            | 1819.4                               | 1.3                        | P L 95 3 266.2  | T 90S4  | 16.0                                      |
| 5.3                                 | 5.3   | 173.5            | 1783.5                               | 2.2                        | P E 132 173.51  | T 90L6  | 12.0                                      |
| 5.3                                 | 5.3   | 265.4            | 1794.0                               | 3.3                        | P E 150 265.44  | T 80D4  | 16.0                                      |
| 5.3                                 | 5.3   | 266.2            | 1857.8                               | 1.3                        | P L 95 3 266.2  | T 80D4  | 16.0                                      |
| 5.2                                 | 5.2   | 543.9            | 1804.1                               | 1.9                        | P E 132 543.89  | T 80B2  | 12.0                                      |
| 5.2                                 | 5.2   | 273.5            | 1807.9                               | 1.8                        | P E 125 273.48  | T 90S4  | 10.5                                      |
| 5.2                                 | 5.2   | 549.0            | 1821.5                               | 3.0                        | P E 150 548.95  | T 80B2  | 16.0                                      |
| 5.1                                 | 5.1   | 278.1            | 1900.3                               | 0.9                        | P - 112 3 278.1   | T 90S4  | 11.8                                      |
| 5.1                                 | 5.1   | 273.5            | 1846.8                               | 1.7                        | P E 125 273.48  | T 80D4  | 10.5                                      |
| 5.1                                 | 5.1   | 280.9            | 1857.6                               | 3.2                        | P E 150 280.94  | T 90S4  | 16.0                                      |
| 5.0                                 | 5.0   | 278.1            | 1942.5                               | 0.9                        | P - 112 3 278.1   | T 80D4  | 11.8                                      |
| 5.0                                 | 5.0   | 286.5            | 1894.9                               | 2.1                        | P E 132 286.51  | T 90S4  | 12.0                                      |
| 5.0                                 | 5.0   | 280.9            | 1898.7                               | 3.2                        | P E 150 280.94  | T 80D4  | 16.0                                      |
| 5.0                                 | 5.0   | 185.2            | 1986.8                               | 1.9                        | P L 105 3 185.2   | T 90L6  | 22.0                                      |
| 5.0                                 | 5.0   | 185.6            | 1905.9                               | 1.8                        | P E 125 185.62  | T 90L6  | 10.5                                      |
| 4.9                                 | 4.9   | 187.1            | 1985.0                               | 1.2                        | P L 95 3 187.1  | T 90L6  | 16.0                                      |
| 4.9                                 | 4.9   | 580.5            | 1926.1                               | 1.4                        | P E 125 580.52  | T 80B2  | 10.5                                      |
| 4.9                                 | 4.9   | 286.5            | 1933.2                               | 2.1                        | P E 132 286.51  | T 80D4  | 12.0                                      |
| 4.8                                 | 4.8   | 191.0            | 1961.7                               | 2.0                        | P E 132 190.95  | T 90L6  | 12.0                                      |
| 4.8                                 | 4.8   | 191.5            | 2035.8                               | 0.9                        | P - 112 3 191.5   | T 90L6  | 11.8                                      |
| 4.8                                 | 4.8   | 595.3            | 1974.1                               | 2.7                        | P E 150 595.28  | T 80B2  | 16.0                                      |
| 4.8                                 | 4.8   | 595.2            | 1973.3                               | 1.8                        | P E 132 595.18  | T 80B2  | 12.0                                      |
| 4.7                                 | 4.7   | 307.7            | 2032.7                               | 1.7                        | P E 125 307.71  | T 90S4  | 10.5                                      |
| 4.6                                 | 4.6   | 310.5            | 2051.0                               | 2.9                        | P E 150 310.47  | T 90S4  | 16.0                                      |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|--------|---|
| 1,1                                 | 4,6   | 199,5            | 2118,8                               | 1,1                        | P L 95 3 199,5  | T 90L6 | 16,0                                      |
|                                     | 4,6   | 625,2            | 2073,0                               | 1,5                        | P E 125 625,23  | T 80B2 | 10,5                                      |
|                                     | 4,6   | 307,7            | 2077,7                               | 1,7                        | P E 125 307,71  | T 80D4 | 10,5                                      |
|                                     | 4,5   | 316,6            | 2091,3                               | 1,9                        | P E 132 316,62  | T 90S4 | 12,0                                      |
|                                     | 4,5   | 310,5            | 2096,6                               | 2,9                        | P E 150 310,47  | T 80D4 | 16,0                                      |
|                                     | 4,4   | 643,2            | 2134,4                               | 2,5                        | P E 150 643,23  | T 80B2 | 16,0                                      |
|                                     | 4,4   | 316,6            | 2139,0                               | 1,9                        | P E 132 316,62  | T 80D4 | 12,0                                      |
|                                     | 4,4   | 325,0            | 2148,4                               | 2,8                        | P E 150 325     | T 90S4 | 16,0                                      |
|                                     | 4,4   | 648,4            | 2149,0                               | 1,5                        | P E 125 648,43  | T 80B2 | 10,5                                      |
|                                     | 4,4   | 649,0            | 2153,7                               | 3,8                        | P E 170 649     | T 80B2 | 21,0                                      |
|                                     | 4,4   | 655,0            | 2173,9                               | 1,6                        | P E 132 655,01  | T 80B2 | 12,0                                      |
|                                     | 4,3   | 212,6            | 2183,6                               | 1,8                        | P E 132 212,62  | T 90L6 | 12,0                                      |
|                                     | 4,3   | 325,0            | 2193,4                               | 2,7                        | P E 150 325     | T 80D4 | 16,0                                      |
|                                     | 4,3   | 216,6            | 2224,5                               | 2,7                        | P E 150 216,61  | T 90L6 | 16,0                                      |
|                                     | 4,2   | 221,3            | 2348,8                               | 1,0                        | P L 95 3 221,3  | T 90L6 | 16,0                                      |
|                                     | 4,2   | 220,9            | 2349,0                               | 0,8                        | P - 112 3 220,9 | T 90L6 | 11,8                                      |
|                                     | 4,1   | 697,5            | 2311,3                               | 2,3                        | P E 150 697,51  | T 80B2 | 16,0                                      |
|                                     | 4,1   | 697,9            | 2317,3                               | 3,5                        | P E 170 697,85  | T 80B2 | 21,0                                      |
|                                     | 4,1   | 350,3            | 2316,7                               | 1,2                        | P E 125 350,27  | T 90S4 | 10,5                                      |
|                                     | 4,1   | 352,5            | 2329,3                               | 1,7                        | P E 132 352,46  | T 90S4 | 12,0                                      |
|                                     | 4,1   | 227,3            | 2334,7                               | 1,5                        | P E 125 227,28  | T 90L6 | 10,5                                      |
|                                     | 4,0   | 357,1            | 2363,9                               | 3,8                        | P E 170 357,1   | T 90S4 | 21,0                                      |
|                                     | 4,0   | 350,3            | 2362,8                               | 1,1                        | P E 125 350,27  | T 80D4 | 10,5                                      |
|                                     | 4,0   | 359,2            | 2375,8                               | 2,5                        | P E 150 359,17  | T 90S4 | 16,0                                      |
|                                     | 4,0   | 352,5            | 2381,0                               | 1,7                        | P E 132 352,46  | T 80D4 | 12,0                                      |
|                                     | 3,9   | 234,0            | 2405,7                               | 1,7                        | P E 132 234     | T 90L6 | 12,0                                      |
|                                     | 3,9   | 724,6            | 2406,2                               | 1,2                        | P E 125 724,6   | T 80B2 | 10,5                                      |
|                                     | 3,9   | 357,1            | 2411,7                               | 3,7                        | P E 170 357,1   | T 80D4 | 21,0                                      |
|                                     | 3,9   | 359,2            | 2423,8                               | 2,5                        | P E 150 359,17  | T 80D4 | 16,0                                      |
|                                     | 3,8   | 743,0            | 2461,7                               | 2,2                        | P E 150 743,02  | T 80B2 | 16,0                                      |
|                                     | 3,8   | 742,8            | 2461,6                               | 1,4                        | P E 132 742,75  | T 80B2 | 12,0                                      |
|                                     | 3,8   | 241,0            | 2558,1                               | 0,7                        | P - 112 3 241   | T 90L6 | 11,8                                      |
|                                     | 3,8   | 377,5            | 2494,3                               | 3,6                        | P E 170 377,45  | T 90S4 | 21,0                                      |
|                                     | 3,8   | 243,2            | 2585,7                               | 0,9                        | P L 95 3 243,2  | T 90L6 | 16,0                                      |
|                                     | 3,8   | 756,8            | 2507,7                               | 3,2                        | P E 170 756,78  | T 80B2 | 21,0                                      |
|                                     | 3,8   | 380,8            | 2514,3                               | 2,4                        | P E 150 380,82  | T 90S4 | 16,0                                      |
|                                     | 3,7   | 246,9            | 2534,6                               | 3,6                        | P E 170 246,94  | T 90L6 | 21,0                                      |
|                                     | 3,7   | 383,9            | 2534,6                               | 1,4                        | P E 125 383,88  | T 90S4 | 10,5                                      |
|                                     | 3,7   | 766,5            | 2541,7                               | 2,1                        | P E 150 766,52  | T 80B2 | 16,0                                      |
|                                     | 3,7   | 377,5            | 2548,3                               | 3,5                        | P E 170 377,45  | T 80D4 | 21,0                                      |
|                                     | 3,7   | 387,9            | 2562,6                               | 1,6                        | P E 132 387,9   | T 90S4 | 12,0                                      |
|                                     | 3,7   | 380,8            | 2569,1                               | 2,3                        | P E 150 380,82  | T 80D4 | 16,0                                      |
|                                     | 3,7   | 251,2            | 2583,9                               | 1,4                        | P E 125 251,17  | T 90L6 | 10,5                                      |
|                                     | 3,7   | 383,9            | 2590,8                               | 1,4                        | P E 125 383,88  | T 80D4 | 10,5                                      |
|                                     | 3,7   | 780,3            | 2590,1                               | 1,2                        | P E 125 780,26  | T 80B2 | 10,5                                      |
|                                     | 3,6   | 387,9            | 2619,0                               | 1,5                        | P E 132 387,9   | T 80D4 | 12,0                                      |
|                                     | 3,5   | 260,3            | 2678,0                               | 1,5                        | P E 132 260,34  | T 90L6 | 12,0                                      |
|                                     | 3,5   | 811,3            | 2693,5                               | 3,0                        | P E 170 811,25  | T 80B2 | 21,0                                      |
|                                     | 3,5   | 409,3            | 2709,4                               | 3,3                        | P E 170 409,33  | T 90S4 | 21,0                                      |
|                                     | 3,5   | 817,4            | 2709,4                               | 1,3                        | P E 132 817,42  | T 80B2 | 12,0                                      |
| 3,5                                 | 265,4   | 2725,0           | 2,2                                  | P E 150 265,44             | T 90L6          | 16,0   |   |
| 3,5                                 | 266,2   | 2823,5           | 0,9                                  | P L 95 3 266,2             | T 90L6          | 16,0   |   |
| 3,4                                 | 416,3   | 2748,0           | 1,3                                  | P E 125 416,28             | T 90S4          | 10,5   |   |
| 3,4                                 | 831,2   | 2756,4           | 2,0                                  | P E 150 831,21             | T 80B2          | 16,0   |   |
| 3,4                                 | 268,8   | 2764,6           | 3,3                                  | P E 170 268,78             | T 90L6          | 21,0   |   |
| 3,4                                 | 409,3   | 2764,6           | 3,3                                  | P E 170 409,33             | T 80D4          | 21,0   |   |
| 3,4                                 | 420,9   | 2781,3           | 2,2                                  | P E 150 420,86             | T 90S4          | 16,0   |   |
| 3,4                                 | 416,3   | 2814,3           | 1,2                                  | P E 125 416,28             | T 80D4          | 10,5   |   |
| 3,4                                 | 273,5   | 2813,7           | 1,1                                  | P E 125 273,48             | T 90L6          | 10,5   |   |
| 3,3                                 | 420,9   | 2838,7           | 2,1                                  | P E 150 420,86             | T 80D4          | 16,0   |   |
| 3,3                                 | 280,9   | 2890,9           | 2,1                                  | P E 150 280,94             | T 90L6          | 16,0   |   |
| 3,3                                 | 870,6   | 2891,9           | 1,9                                  | P E 150 870,64             | T 80B2          | 16,0   |   |
| 3,3                                 | 439,7   | 2908,1           | 1,4                                  | P E 132 439,72             | T 90S4          | 12,0   |   |
| 3,2                                 | 879,8   | 2918,1           | 3,9                                  | P E 190 879,75             | T 80B2          | 27,0   |   |
| 3,2                                 | 879,8   | 2918,4           | 2,8                                  | P E 170 879,75             | T 80B2          | 21,0   |   |
| 3,2                                 | 445,6   | 2945,6           | 3,1                                  | P E 170 445,6              | T 90S4          | 21,0   |   |
| 3,2                                 | 286,5   | 2945,1           | 1,4                                  | P E 132 286,51             | T 90L6          | 12,0   |   |
| 3,2                                 | 439,7   | 2973,0           | 1,3                                  | P E 132 439,72             | T 80D4          | 12,0   |   |
| 3,2                                 | 905,7   | 3000,8           | 1,2                                  | P E 132 905,66             | T 80B2          | 12,0   |   |
| 3,2                                 | 904,3   | 3002,7           | 1,0                                  | P E 125 904,27             | T 80B2          | 10,5   |   |
| 3,1                                 | 445,6   | 3010,9           | 3,0                                  | P E 170 445,6              | T 80D4          | 21,0   |   |
| 3,1                                 | 458,3   | 3030,3           | 2,0                                  | P E 150 458,31             | T 90S4          | 16,0   |   |
| 3,1                                 | 461,9   | 3050,7           | 1,1                                  | P E 125 461,93             | T 90S4          | 10,5   |   |
| 3,1                                 | 302,0   | 3099,6           | 2,9                                  | P E 170 301,96             | T 90L6          | 21,0   |   |
| 3,1                                 | 458,3   | 3100,0           | 1,9                                  | P E 150 458,31             | T 80D4          | 16,0   |   |
| 3,0                                 | 461,9   | 3119,9           | 1,1                                  | P E 125 461,93             | T 80D4          | 10,5   |   |
| 3,0                                 | 948,1   | 3141,2           | 1,7                                  | P E 150 948,12             | T 80B2          | 16,0   |   |
| 3,0                                 | 307,7   | 3160,9           | 1,1                                  | P E 125 307,71             | T 90L6          | 10,5   |   |
| 3,0                                 | 958,0   | 3183,2           | 3,6                                  | P E 190 958,04             | T 80B2          | 27,0   |   |
| 3,0                                 | 483,2   | 3194,0           | 3,9                                  | P E 190 483,23             | T 90S4          | 27,0   |   |
| 3,0                                 | 483,2   | 3194,6           | 2,8                                  | P E 170 483,23             | T 90S4          | 21,0   |   |
| 3,0                                 | 310,5   | 3194,6           | 1,9                                  | P E 150 310,47             | T 90L6          | 16,0   |   |
| 3,0                                 | 483,9   | 3193,0           | 1,3                                  | P E 132 483,92             | T 90S4          | 12,0   |   |
| 2,9                                 | 316,6   | 3249,6           | 1,2                                  | P E 132 316,62             | T 90L6          | 12,0   |   |
| 2,9                                 | 317,4   | 3259,8           | 3,8                                  | P E 190 317,42             | T 90L6          | 27,0   |   |
| 2,9                                 | 483,2   | 3259,8           | 3,8                                  | P E 190 483,23             | T 80D4          | 27,0   |   |
| 2,9                                 | 483,2   | 3259,8           | 2,8                                  | P E 170 483,23             | T 80D4          | 21,0   |   |
| 2,9                                 | 981,4   | 3260,2           | 2,5                                  | P E 170 981,35             | T 80B2          | 21,0   |   |
| 2,9                                 | 483,9   | 3271,4           | 1,2                                  | P E 132 483,92             | T 80D4          | 12,0   |   |
| 2,9                                 | 501,5   | 3316,6           | 1,8                                  | P E 150 501,52             | T 90S4          | 16,0   |   |
| 2,8                                 | 325,0   | 3340,1           | 1,8                                  | P E 150 325                | T 90L6          | 16,0   |   |
| 2,8                                 | 329,4   | 3388,4           | 3,7                                  | P E 190 329,43             | T 90L6          | 27,0   |   |
| 2,8                                 | 501,5   | 3388,1           | 1,8                                  | P E 150 501,52             | T 80D4          | 16,0   |   |
| 2,8                                 | 330,6   | 3400,9           | 2,6                                  | P E 170 330,6              | T 90L6          | 21,0   |   |
| 2,8                                 | 520,0   | 3437,5           | 2,6                                  | P E 170 520,04             | T 90S4          | 21,0   |   |



CT17 IGBD 4.0

E77



HIGH TECH line Motion

FAMCO  
هایپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 1,1                                 | 2,8   | 1037,5           | 3437,5                                | 1,6                        | P E 150 1037,52   | T 80B2  | 16,0                                      |
| 1,1                                 | 2,8   | 519,6            | 3437,5                                | 1,0                        | P E 125 519,6   | T 90S4  | 10,5                                      |
| 1,1                                 | 2,7   | 524,8            | 3461,8                                | 1,2                        | P E 132 524,76  | T 90S4  | 12,0                                      |
| 1,1                                 | 2,7   | 526,2            | 3475,7                                | 3,6                        | P E 190 526,24  | T 90S4  | 27,0                                      |
| 1,1                                 | 2,7   | 520,0            | 3514,4                                | 2,6                        | P E 170 520,04  | T 80D4  | 21,0                                      |
| 1,1                                 | 2,7   | 519,6            | 3516,0                                | 1,0                        | P E 125 519,6   | T 80D4  | 10,5                                      |
| 1,1                                 | 2,7   | 1064,2           | 3527,6                                | 3,3                        | P E 190 1064,22   | T 80B2  | 27,0                                      |
| 1,1                                 | 2,7   | 1064,2           | 3527,3                                | 2,3                        | P E 170 1064,22   | T 80B2  | 21,0                                      |
| 1,1                                 | 2,7   | 524,8            | 3539,8                                | 1,1                        | P E 132 524,76  | T 80D4  | 12,0                                      |
| 1,1                                 | 2,7   | 526,2            | 3553,9                                | 3,5                        | P E 190 526,24  | T 80D4  | 27,0                                      |
| 1,1                                 | 2,7   | 347,4            | 3567,7                                | 3,5                        | P E 190 347,35  | T 90L6  | 27,0                                      |
| 1,1                                 | 2,6   | 543,9            | 3594,8                                | 1,1                        | P E 132 543,89  | T 90S4  | 12,0                                      |
| 1,1                                 | 2,6   | 350,3            | 3595,6                                | 0,8                        | P E 125 350,27  | T 90L6  | 10,5                                      |
| 1,1                                 | 2,6   | 352,5            | 3621,4                                | 1,1                        | P E 132 352,46  | T 90L6  | 12,0                                      |
| 1,1                                 | 2,6   | 549,0            | 3636,4                                | 1,7                        | P E 150 548,95  | T 90S4  | 16,0                                      |
| 1,1                                 | 2,6   | 357,1            | 3664,7                                | 3,4                        | P E 190 357,1   | T 90L6  | 27,0                                      |
| 1,1                                 | 2,6   | 357,1            | 3664,0                                | 2,5                        | P E 170 357,1   | T 90L6  | 21,0                                      |
| 1,1                                 | 2,6   | 543,9            | 3678,9                                | 1,1                        | P E 132 543,89  | T 80D4  | 12,0                                      |
| 1,1                                 | 2,6   | 559,2            | 3692,7                                | 2,4                        | P E 170 559,19  | T 90S4  | 21,0                                      |
| 1,1                                 | 2,6   | 359,2            | 3693,3                                | 1,6                        | P E 150 359,17  | T 90L6  | 16,0                                      |
| 1,1                                 | 2,6   | 549,0            | 3707,9                                | 1,6                        | P E 150 548,95  | T 80D4  | 16,0                                      |
| 1,1                                 | 2,5   | 559,2            | 3781,5                                | 2,4                        | P E 170 559,19  | T 80D4  | 21,0                                      |
| 1,1                                 | 2,5   | 575,9            | 3812,0                                | 3,3                        | P E 190 575,86  | T 90S4  | 27,0                                      |
| 1,1                                 | 2,5   | 1158,9           | 3843,8                                | 3,0                        | P E 190 1158,92   | T 80B2  | 27,0                                      |
| 1,1                                 | 2,5   | 1158,9           | 3843,8                                | 2,1                        | P E 170 1158,92   | T 80B2  | 21,0                                      |
| 1,1                                 | 2,5   | 580,5            | 3843,4                                | 0,8                        | P E 125 580,52  | T 90S4  | 10,5                                      |
| 1,1                                 | 2,4   | 377,5            | 3874,8                                | 2,3                        | P E 170 377,45  | T 90L6  | 21,0                                      |
| 1,1                                 | 2,4   | 575,9            | 3890,8                                | 3,2                        | P E 190 575,86  | T 80D4  | 27,0                                      |
| 1,1                                 | 2,4   | 380,8            | 3907,6                                | 1,5                        | P E 150 380,82  | T 90L6  | 16,0                                      |
| 1,1                                 | 2,4   | 1183,2           | 3923,4                                | 1,4                        | P E 150 1183,21   | T 80B2  | 16,0                                      |
| 1,1                                 | 2,4   | 580,5            | 3923,7                                | 0,7                        | P E 125 580,52  | T 80D4  | 10,5                                      |
| 1,1                                 | 2,4   | 595,3            | 3940,3                                | 1,5                        | P E 150 595,28  | T 90S4  | 16,0                                      |
| 1,1                                 | 2,4   | 595,2            | 3939,1                                | 1,0                        | P E 132 595,18  | T 90S4  | 12,0                                      |
| 1,1                                 | 2,4   | 383,9            | 3940,6                                | 0,9                        | P E 125 383,88  | T 90L6  | 10,5                                      |
| 1,1                                 | 2,4   | 388,9            | 3989,0                                | 3,1                        | P E 190 388,88  | T 90L6  | 27,0                                      |
| 1,1                                 | 2,4   | 387,9            | 3989,1                                | 1,0                        | P E 132 387,9   | T 90L6  | 12,0                                      |
| 1,1                                 | 2,4   | 606,4            | 4006,4                                | 3,1                        | P E 190 606,41  | T 90S4  | 27,0                                      |
| 1,1                                 | 2,4   | 606,4            | 4006,5                                | 2,2                        | P E 170 606,41  | T 90S4  | 21,0                                      |
| 1,1                                 | 2,4   | 595,3            | 4024,4                                | 1,5                        | P E 150 595,28  | T 80D4  | 16,0                                      |
| 1,1                                 | 2,4   | 595,2            | 4021,9                                | 1,0                        | P E 132 595,18  | T 80D4  | 12,0                                      |
| 1,1                                 | 2,3   | 606,4            | 4092,3                                | 3,1                        | P E 190 606,41  | T 80D4  | 27,0                                      |
| 1,1                                 | 2,3   | 606,4            | 4092,6                                | 2,2                        | P E 170 606,41  | T 80D4  | 21,0                                      |
| 1,1                                 | 2,3   | 625,2            | 4126,5                                | 0,8                        | P E 125 625,23  | T 90S4  | 10,5                                      |
| 1,1                                 | 2,3   | 1268,2           | 4202,7                                | 2,7                        | P E 190 1268,2  | T 80B2  | 27,0                                      |
| 1,1                                 | 2,3   | 409,3            | 4202,0                                | 2,1                        | P E 170 409,33  | T 90L6  | 21,0                                      |
| 1,1                                 | 2,3   | 1268,2           | 4202,8                                | 1,9                        | P E 170 1268,2  | T 80B2  | 21,0                                      |
| 1,1                                 | 2,2   | 625,2            | 4221,5                                | 0,8                        | P E 125 625,23  | T 80D4  | 10,5                                      |
| 1,1                                 | 2,2   | 643,2            | 4258,1                                | 1,4                        | P E 150 643,23  | T 90S4  | 16,0                                      |
| 1,1                                 | 2,2   | 416,3            | 4277,8                                | 0,8                        | P E 125 416,28  | T 90L6  | 10,5                                      |
| 1,1                                 | 2,2   | 648,4            | 4277,8                                | 0,8                        | P E 125 648,43  | T 90S4  | 10,5                                      |
| 1,1                                 | 2,2   | 649,0            | 4296,9                                | 2,1                        | P E 170 649   | T 90S4  | 21,0                                      |
| 1,1                                 | 2,2   | 1294,8           | 4298,1                                | 1,3                        | P E 150 1294,77   | T 80B2  | 16,0                                      |
| 1,1                                 | 2,2   | 420,9            | 4316,5                                | 1,4                        | P E 150 420,86  | T 90L6  | 16,0                                      |
| 1,1                                 | 2,2   | 643,2            | 4336,4                                | 1,4                        | P E 150 643,23  | T 80D4  | 16,0                                      |
| 1,1                                 | 2,2   | 655,0            | 4335,0                                | 0,9                        | P E 132 655,01  | T 90S4  | 12,0                                      |
| 1,1                                 | 2,2   | 660,4            | 4356,8                                | 2,9                        | P E 190 660,37  | T 90S4  | 27,0                                      |
| 1,1                                 | 2,2   | 425,6            | 4377,6                                | 2,9                        | P E 190 425,55  | T 90L6  | 27,0                                      |
| 1,1                                 | 2,2   | 649,0            | 4376,7                                | 2,1                        | P E 170 649   | T 80D4  | 21,0                                      |
| 1,1                                 | 2,2   | 648,4            | 4375,0                                | 0,8                        | P E 125 648,43  | T 80D4  | 10,5                                      |
| 1,1                                 | 2,1   | 655,0            | 4417,7                                | 0,9                        | P E 132 655,01  | T 80D4  | 12,0                                      |
| 1,1                                 | 2,1   | 660,4            | 4459,9                                | 2,8                        | P E 190 660,37  | T 80D4  | 27,0                                      |
| 1,1                                 | 2,1   | 439,7            | 4522,1                                | 0,9                        | P E 132 439,72  | T 90L6  | 12,0                                      |
| 1,1                                 | 2,1   | 445,6            | 4589,7                                | 2,0                        | P E 170 445,6   | T 90L6  | 21,0                                      |
| 1,1                                 | 2,1   | 448,2            | 4612,5                                | 2,7                        | P E 190 448,15  | T 90L6  | 27,0                                      |
| 1,1                                 | 2,1   | 697,9            | 4611,1                                | 2,0                        | P E 170 697,85  | T 90S4  | 21,0                                      |
| 1,1                                 | 2,1   | 697,5            | 4612,2                                | 1,3                        | P E 150 697,51  | T 90S4  | 16,0                                      |
| 1,1                                 | 2,0   | 1395,7           | 4635,4                                | 2,5                        | P E 190 1395,69   | T 80B2  | 27,0                                      |
| 1,1                                 | 2,0   | 1395,7           | 4633,4                                | 1,7                        | P E 170 1395,69   | T 80B2  | 21,0                                      |
| 1,1                                 | 2,0   | 704,9            | 4657,9                                | 2,7                        | P E 190 704,94  | T 90S4  | 27,0                                      |
| 1,1                                 | 2,0   | 697,9            | 4703,1                                | 1,9                        | P E 170 697,85  | T 80D4  | 21,0                                      |
| 1,1                                 | 2,0   | 458,3            | 4704,2                                | 1,3                        | P E 150 458,31  | T 90L6  | 16,0                                      |
| 1,1                                 | 2,0   | 697,5            | 4704,2                                | 1,3                        | P E 150 697,51  | T 80D4  | 16,0                                      |
| 1,1                                 | 2,0   | 1424,9           | 4725,5                                | 1,1                        | P E 150 1424,94   | T 80B2  | 16,0                                      |
| 1,1                                 | 2,0   | 704,9            | 4751,2                                | 2,6                        | P E 190 704,94  | T 80D4  | 27,0                                      |
| 1,1                                 | 2,0   | 461,9            | 4753,1                                | 0,7                        | P E 125 461,93  | T 90L6  | 10,5                                      |
| 1,1                                 | 1,9   | 742,8            | 4899,8                                | 0,8                        | P E 132 742,75  | T 90S4  | 12,0                                      |
| 1,1                                 | 1,9   | 743,0            | 4925,4                                | 1,2                        | P E 150 743,02  | T 90S4  | 16,0                                      |
| 1,1                                 | 1,9   | 483,2            | 4976,5                                | 2,5                        | P E 190 483,23  | T 90L6  | 27,0                                      |
| 1,1                                 | 1,9   | 483,2            | 4974,9                                | 1,8                        | P E 170 483,23  | T 90L6  | 21,0                                      |
| 1,1                                 | 1,9   | 483,9            | 4977,4                                | 0,8                        | P E 132 483,92  | T 90L6  | 12,0                                      |
| 1,1                                 | 1,9   | 756,8            | 5001,8                                | 2,5                        | P E 190 756,78  | T 90S4  | 27,0                                      |
| 1,1                                 | 1,9   | 756,8            | 5002,5                                | 1,8                        | P E 170 756,78  | T 90S4  | 21,0                                      |
| 1,1                                 | 1,9   | 743,0            | 5030,5                                | 1,2                        | P E 150 743,02  | T 80D4  | 16,0                                      |
| 1,1                                 | 1,9   | 742,8            | 5028,6                                | 0,8                        | P E 132 742,75  | T 80D4  | 12,0                                      |
| 1,1                                 | 1,9   | 766,5            | 5057,5                                | 1,2                        | P E 150 766,52  | T 90S4  | 16,0                                      |
| 1,1                                 | 1,9   | 756,8            | 5109,6                                | 2,4                        | P E 190 756,78  | T 80D4  | 27,0                                      |
| 1,1                                 | 1,9   | 756,8            | 5111,0                                | 1,8                        | P E 170 756,78  | T 80D4  | 21,0                                      |
| 1,1                                 | 1,8   | 1546,4           | 5138,1                                | 2,2                        | P E 190 1546,36   | T 80B2  | 27,0                                      |
| 1,1                                 | 1,8   | 1546,4           | 5138,4                                | 1,6                        | P E 170 1546,36   | T 80B2  | 21,0                                      |
| 1,1                                 | 1,8   | 766,5            | 5168,4                                | 1,2                        | P E 150 766,52  | T 80D4  | 16,0                                      |
| 1,1                                 | 1,8   | 501,5            | 5168,4                                | 1,2                        | P E 150 501,52  | T 90L6  | 16,0                                      |
| 1,1                                 | 1,8   | 1578,8           | 5224,3                                | 1,0                        | P E 150 1578,76   | T 80B2  | 16,0                                      |
| 1,1                                 | 1,8   | 520,0            | 5342,7                                | 1,7                        | P E 170 520,04  | T 90L6  | 21,0                                      |
| 1,1                                 | 1,8   | 811,3            | 5371,7                                | 1,7                        | P E 170 811,25  | T 90S4  | 21,0                                      |
| 1,1                                 | 1,8   | 526,2            | 5402,8                                | 2,3                        | P E 190 526,24  | T 90L6  | 27,0                                      |

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CT17 IGBD 4.0

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|--------|---|
| 1,1                                 | 1,8   | 524,8            | 5405,4                               | 0,7                        | P E 132 524,76  | T 90L6 | 12,0                                      |
|                                     | 1,8   | 817,4            | 5405,4                               | 0,7                        | P E 132 817,42  | T 90S4 | 12,0                                      |
|                                     | 1,7   | 824,1            | 5432,6                               | 2,3                        | P E 190 824,12  | T 90S4 | 27,0                                      |
|                                     | 1,7   | 811,3            | 5463,6                               | 1,6                        | P E 170 811,25  | T 80D4 | 21,0                                      |
|                                     | 1,7   | 831,2            | 5495,4                               | 1,1                        | P E 150 831,21  | T 90S4 | 16,0                                      |
|                                     | 1,7   | 817,4            | 5527,6                               | 0,7                        | P E 132 817,42  | T 80D4 | 12,0                                      |
|                                     | 1,7   | 824,1            | 5562,3                               | 2,2                        | P E 190 824,12  | T 80D4 | 27,0                                      |
|                                     | 1,7   | 543,9            | 5590,9                               | 0,7                        | P E 132 543,89  | T 90L6 | 12,0                                      |
|                                     | 1,7   | 549,0            | 5626,6                               | 1,1                        | P E 150 548,95  | T 90L6 | 16,0                                      |
|                                     | 1,7   | 831,2            | 5626,6                               | 1,1                        | P E 150 831,21  | T 80D4 | 16,0                                      |
|                                     | 1,7   | 559,2            | 5729,2                               | 1,6                        | P E 170 559,19  | T 90L6 | 21,0                                      |
|                                     | 1,6   | 870,6            | 5764,2                               | 1,0                        | P E 150 870,64  | T 90S4 | 16,0                                      |
|                                     | 1,6   | 879,8            | 5799,2                               | 2,2                        | P E 190 879,75  | T 90S4 | 27,0                                      |
|                                     | 1,6   | 879,8            | 5799,6                               | 1,6                        | P E 170 879,75  | T 90S4 | 21,0                                      |
|                                     | 1,6   | 870,6            | 5871,9                               | 1,0                        | P E 150 870,64  | T 80D4 | 16,0                                      |
|                                     | 1,6   | 575,9            | 5908,9                               | 2,1                        | P E 190 575,86  | T 90L6 | 27,0                                      |
|                                     | 1,6   | 879,8            | 5947,2                               | 2,1                        | P E 190 879,75  | T 80D4 | 27,0                                      |
|                                     | 1,6   | 879,8            | 5945,9                               | 1,5                        | P E 170 879,75  | T 80D4 | 21,0                                      |
|                                     | 1,6   | 595,3            | 6099,8                               | 1,0                        | P E 150 595,28  | T 90L6 | 16,0                                      |
|                                     | 1,5   | 606,4            | 6218,9                               | 2,0                        | P E 190 606,41  | T 90L6 | 27,0                                      |
|                                     | 1,5   | 606,4            | 6218,6                               | 1,4                        | P E 170 606,41  | T 90L6 | 21,0                                      |
|                                     | 1,5   | 948,1            | 6261,9                               | 1,0                        | P E 150 948,12  | T 90S4 | 16,0                                      |
|                                     | 1,5   | 958,0            | 6345,2                               | 2,0                        | P E 190 958,04  | T 90S4 | 27,0                                      |
|                                     | 1,5   | 948,1            | 6389,2                               | 0,9                        | P E 150 948,12  | T 80D4 | 16,0                                      |
|                                     | 1,5   | 958,0            | 6476,7                               | 1,9                        | P E 190 958,04  | T 80D4 | 27,0                                      |
|                                     | 1,5   | 981,4            | 6474,8                               | 1,4                        | P E 170 981,35  | T 90S4 | 21,0                                      |
|                                     | 1,4   | 981,4            | 6613,2                               | 1,4                        | P E 170 981,35  | T 80D4 | 21,0                                      |
|                                     | 1,4   | 643,2            | 6613,2                               | 0,9                        | P E 150 643,23  | T 90L6 | 16,0                                      |
|                                     | 1,4   | 649,0            | 6657,7                               | 1,4                        | P E 170 649     | T 90L6 | 21,0                                      |
|                                     | 1,4   | 660,4            | 6800,2                               | 1,8                        | P E 190 660,37  | T 90L6 | 27,0                                      |
|                                     | 1,4   | 1037,5           | 6853,6                               | 0,9                        | P E 150 1037,52 | T 90S4 | 16,0                                      |
|                                     | 1,4   | 1037,5           | 7006,4                               | 0,9                        | P E 150 1037,52 | T 80D4 | 16,0                                      |
|                                     | 1,3   | 1064,2           | 7054,9                               | 1,8                        | P E 190 1064,22 | T 90S4 | 27,0                                      |
|                                     | 1,3   | 1064,2           | 7056,3                               | 1,3                        | P E 170 1064,22 | T 90S4 | 21,0                                      |
|                                     | 1,3   | 1064,2           | 7161,5                               | 1,7                        | P E 190 1064,22 | T 80D4 | 27,0                                      |
|                                     | 1,3   | 697,9            | 7163,5                               | 1,3                        | P E 170 697,85  | T 90L6 | 21,0                                      |
|                                     | 1,3   | 1064,2           | 7163,5                               | 1,3                        | P E 170 1064,22 | T 80D4 | 21,0                                      |
|                                     | 1,3   | 697,5            | 7166,1                               | 0,8                        | P E 150 697,51  | T 90L6 | 16,0                                      |
|                                     | 1,3   | 704,9            | 7217,8                               | 1,7                        | P E 190 704,94  | T 90L6 | 27,0                                      |
|                                     | 1,2   | 743,0            | 7621,2                               | 0,8                        | P E 150 743,02  | T 90L6 | 16,0                                      |
|                                     | 1,2   | 1158,9           | 7685,9                               | 1,6                        | P E 190 1158,92 | T 90S4 | 27,0                                      |
|                                     | 1,2   | 1158,9           | 7686,3                               | 1,2                        | P E 170 1158,92 | T 90S4 | 21,0                                      |
|                                     | 1,2   | 756,8            | 7750,8                               | 1,6                        | P E 190 756,78  | T 90L6 | 27,0                                      |
|                                     | 1,2   | 756,8            | 7752,5                               | 1,2                        | P E 170 756,78  | T 90L6 | 21,0                                      |
|                                     | 1,2   | 1158,9           | 7812,5                               | 1,6                        | P E 190 1158,92 | T 80D4 | 27,0                                      |
|                                     | 1,2   | 1158,9           | 7813,7                               | 1,2                        | P E 170 1158,92 | T 80D4 | 21,0                                      |
|                                     | 1,2   | 1183,2           | 7810,7                               | 0,8                        | P E 150 1183,21 | T 90S4 | 16,0                                      |
|                                     | 1,2   | 766,5            | 7875,9                               | 0,8                        | P E 150 766,52  | T 90L6 | 16,0                                      |
|                                     | 1,2   | 1183,2           | 8009,7                               | 0,7                        | P E 150 1183,21 | T 80D4 | 16,0                                      |
|                                     | 1,1   | 1268,2           | 8368,8                               | 1,5                        | P E 190 1268,2  | T 90S4 | 27,0                                      |
| 1,1                                 | 1268,2  | 8368,6           | 1,1                                  | P E 170 1268,2             | T 90S4          | 21,0   |   |
| 1,1                                 | 811,3   | 8368,6           | 1,1                                  | P E 170 811,25             | T 90L6          | 21,0   |   |
| 1,1                                 | 824,1   | 8440,8           | 1,5                                  | P E 190 824,12             | T 90L6          | 27,0   |   |
| 1,1                                 | 831,2   | 8516,1           | 0,7                                  | P E 150 831,21             | T 90L6          | 16,0   |   |
| 1,1                                 | 1268,2  | 8593,8           | 1,5                                  | P E 190 1268,2             | T 80D4          | 27,0   |   |
| 1,1                                 | 1268,2  | 8593,8           | 1,0                                  | P E 170 1268,2             | T 80D4          | 21,0   |   |
| 1,1                                 | 879,8   | 9004,6           | 1,4                                  | P E 190 879,75             | T 90L6          | 27,0   |   |
| 1,1                                 | 879,8   | 9008,2           | 1,0                                  | P E 170 879,75             | T 90L6          | 21,0   |   |
| 1,0                                 | 1395,7  | 9271,7           | 1,3                                  | P E 190 1395,69            | T 90S4          | 27,0   |   |
| 1,0                                 | 1395,7  | 9269,7           | 1,0                                  | P E 170 1395,69            | T 90S4          | 21,0   |   |
| 1,0                                 | 1395,7  | 9456,7           | 1,3                                  | P E 190 1395,69            | T 80D4          | 27,0   |   |
| 1,0                                 | 1395,7  | 9455,6           | 1,0                                  | P E 170 1395,69            | T 80D4          | 21,0   |   |
| 1,0                                 | 958,0   | 9849,6           | 1,3                                  | P E 190 958,04             | T 90L6          | 27,0   |   |
| 0,94                                | 981,4   | 10061,0          | 0,9                                  | P E 170 981,35             | T 90L6          | 21,0   |   |
| 0,92                                | 1546,4  | 10276,5          | 1,2                                  | P E 190 1546,36            | T 90S4          | 27,0   |   |
| 0,92                                | 1546,4  | 10280,4          | 0,9                                  | P E 170 1546,36            | T 90S4          | 21,0   |   |
| 0,91                                | 1546,4  | 10393,0          | 1,2                                  | P E 190 1546,36            | T 80D4          | 27,0   |   |
| 0,91                                | 1546,4  | 10388,2          | 0,9                                  | P E 170 1546,36            | T 80D4          | 21,0   |   |
| 0,86                                | 1064,2  | 10991,2          | 1,1                                  | P E 190 1064,22            | T 90L6          | 27,0   |   |
| 0,86                                | 1064,2  | 10987,8          | 0,8                                  | P E 170 1064,22            | T 90L6          | 21,0   |   |
| 0,79                                | 1158,9  | 11966,9          | 1,0                                  | P E 190 1158,92            | T 90L6          | 27,0   |   |
| 0,79                                | 1158,9  | 11971,0          | 0,8                                  | P E 170 1158,92            | T 90L6          | 21,0   |   |
| 0,73                                | 1268,2  | 12947,3          | 1,0                                  | P E 190 1268,2             | T 90L6          | 27,0   |   |
| 0,66                                | 1395,7  | 14322,9          | 0,9                                  | P E 190 1395,69            | T 90L6          | 27,0   |   |
| 0,59                                | 1546,4  | 16025,6          | 0,8                                  | P E 190 1546,36            | T 90L6          | 27,0   |   |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |               |         | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---------------|---------|---|
| 1,5                                 | 476.7   | 3.0              | 28.6                                 | 2.8                        | P - 63 2 3    | T 90L4  | 5.6                                       |
|                                     | 387.8   | 7.4              | 35.1                                 | 4.0                        | P - 63 2 7.4  | T 80C2  | 5.6                                       |
|                                     | 366.7   | 3.9              | 37.1                                 | 3.0                        | P - 63 2 3.9  | T 90L4  | 5.6                                       |
|                                     | 361.5   | 2.6              | 37.6                                 | 3.5                        | P - 71 2 2.6  | T 90LB6 | 7.5                                       |
|                                     | 361.5   | 2.6              | 37.6                                 | 3.5                        | P - 71 2 2.6  | T 100A6 | 7.5                                       |
|                                     | 360.0   | 8.0              | 37.8                                 | 4.0                        | P - 63 2 8    | T 90S2  | 5.6                                       |
|                                     | 358.8   | 8.0              | 37.9                                 | 4.0                        | P - 63 2 8    | T 80C2  | 5.6                                       |
|                                     | 332.6   | 4.3              | 40.9                                 | 3.2                        | P - 63 2 4.3  | T 90L4  | 5.6                                       |
|                                     | 320.0   | 9.0              | 42.5                                 | 3.9                        | P - 63 2 9    | T 90S2  | 5.6                                       |
|                                     | 318.9   | 9.0              | 42.7                                 | 3.9                        | P - 63 2 9    | T 80C2  | 5.6                                       |
|                                     | 313.3   | 3.0              | 43.4                                 | 2.0                        | P - 63 2 3    | T 90LB6 | 5.6                                       |
|                                     | 313.3   | 3.0              | 43.4                                 | 2.0                        | P - 63 2 3    | T 100A6 | 5.6                                       |
|                                     | 293.8   | 3.2              | 46.3                                 | 3.2                        | P - 71 2 3.2  | T 100A6 | 7.5                                       |
|                                     | 293.8   | 3.2              | 46.3                                 | 3.2                        | P - 71 2 3.2  | T 90LB6 | 7.5                                       |
|                                     | 286.0   | 5.0              | 47.6                                 | 2.9                        | P - 63 2 5    | T 90L4  | 5.6                                       |
|                                     | 276.9   | 10.4             | 49.1                                 | 3.7                        | P - 63 2 10.4 | T 90S2  | 5.6                                       |
|                                     | 276.0   | 10.4             | 49.3                                 | 3.7                        | P - 63 2 10.4 | T 80C2  | 5.6                                       |
|                                     | 255.4   | 5.6              | 53.3                                 | 3.0                        | P - 63 2 5.6  | T 90L4  | 5.6                                       |
|                                     | 247.4   | 3.8              | 55.0                                 | 3.3                        | P - 71 2 3.8  | T 100A6 | 7.5                                       |
|                                     | 247.4   | 3.8              | 55.0                                 | 3.3                        | P - 71 2 3.8  | T 90LB6 | 7.5                                       |
|                                     | 244.1   | 11.8             | 55.8                                 | 3.4                        | P - 63 2 11.8 | T 90S2  | 5.6                                       |
|                                     | 243.2   | 11.8             | 55.9                                 | 3.4                        | P - 63 2 11.8 | T 80C2  | 5.6                                       |
|                                     | 241.0   | 3.9              | 56.5                                 | 2.0                        | P - 63 2 3.9  | T 100A6 | 5.6                                       |
|                                     | 241.0   | 3.9              | 56.5                                 | 2.0                        | P - 63 2 3.9  | T 90LB6 | 5.6                                       |
|                                     | 230.7   | 6.2              | 59.0                                 | 2.7                        | P - 63 2 6.2  | T 90L4  | 5.6                                       |
|                                     | 220.0   | 6.5              | 61.9                                 | 2.7                        | P - 63 2 6.5  | T 90L4  | 5.6                                       |
|                                     | 218.6   | 4.3              | 62.3                                 | 3.4                        | P - 71 2 4.3  | T 90LB6 | 7.5                                       |
|                                     | 218.6   | 4.3              | 62.3                                 | 3.4                        | P - 71 2 4.3  | T 100A6 | 7.5                                       |
|                                     | 218.6   | 4.3              | 62.3                                 | 2.2                        | P - 63 2 4.3  | T 90LB6 | 5.6                                       |
|                                     | 218.6   | 4.3              | 62.3                                 | 2.2                        | P - 63 2 4.3  | T 100A6 | 5.6                                       |
|                                     | 213.3   | 13.5             | 63.8                                 | 3.2                        | P - 63 2 13.5 | T 90S2  | 5.6                                       |
|                                     | 212.6   | 13.5             | 64.0                                 | 3.2                        | P - 63 2 13.5 | T 80C2  | 5.6                                       |
|                                     | 200.0   | 14.4             | 68.1                                 | 2.8                        | P - 63 2 14.4 | T 90S2  | 5.6                                       |
|                                     | 199.3   | 14.4             | 68.3                                 | 2.8                        | P - 63 2 14.4 | T 80C2  | 5.6                                       |
|                                     | 193.2   | 7.4              | 70.4                                 | 2.6                        | P - 63 2 7.4  | T 90L4  | 5.6                                       |
|                                     | 188.0   | 5.0              | 72.4                                 | 2.1                        | P - 63 2 5    | T 100A6 | 5.6                                       |
|                                     | 188.0   | 5.0              | 72.4                                 | 2.1                        | P - 63 2 5    | T 90LB6 | 5.6                                       |
|                                     | 178.8   | 8.0              | 76.1                                 | 2.6                        | P - 63 2 8    | T 90L4  | 5.6                                       |
|                                     | 177.4   | 5.3              | 76.7                                 | 3.0                        | P - 71 2 5.3  | T 90LB6 | 7.5                                       |
|                                     | 177.4   | 5.3              | 76.7                                 | 3.0                        | P - 71 2 5.3  | T 100A6 | 7.5                                       |
|                                     | 170.4   | 16.9             | 79.9                                 | 2.9                        | P - 63 2 16.9 | T 90S2  | 5.6                                       |
|                                     | 169.8   | 16.9             | 80.1                                 | 2.9                        | P - 63 2 16.9 | T 80C2  | 5.6                                       |
|                                     | 167.9   | 5.6              | 81.1                                 | 2.1                        | P - 63 2 5.6  | T 90LB6 | 5.6                                       |
|                                     | 167.9   | 5.6              | 81.1                                 | 2.1                        | P - 63 2 5.6  | T 100A6 | 5.6                                       |
|                                     | 166.9   | 17.2             | 79.8                                 | 1.1                        | P L 25 3 17.2 | T 80C2  | 4.0                                       |
|                                     | 164.4   | 8.7              | 82.8                                 | 3.7                        | P - 71 2 8.7  | T 90L4  | 7.5                                       |
|                                     | 158.9   | 9.0              | 85.6                                 | 2.5                        | P - 63 2 9    | T 90L4  | 5.6                                       |
|                                     | 151.6   | 6.2              | 89.8                                 | 3.3                        | P - 71 2 6.2  | T 90LB6 | 7.5                                       |
|                                     | 151.6   | 6.2              | 89.8                                 | 3.3                        | P - 71 2 6.2  | T 100A6 | 7.5                                       |
|                                     | 151.6   | 6.2              | 89.8                                 | 1.9                        | P - 63 2 6.2  | T 90LB6 | 5.6                                       |
| 151.6                               | 6.2   | 89.8             | 1.9                                  | P - 63 2 6.2               | T 100A6       | 5.6     |   |
| 145.5                               | 19.8  | 93.6             | 2.5                                  | P - 63 2 19.8              | T 90S2        | 5.6     |   |
| 145.0                               | 19.8  | 93.9             | 2.5                                  | P - 63 2 19.8              | T 80C2        | 5.6     |   |
| 144.6                               | 6.5   | 94.1             | 2.0                                  | P - 63 2 6.5               | T 100A6       | 5.6     |   |
| 144.6                               | 6.5   | 94.1             | 2.0                                  | P - 63 2 6.5               | T 90LB6       | 5.6     |   |
| 140.7                               | 20.4  | 94.7             | 1.0                                  | P L 25 3 20.4              | T 80C2        | 4.0     |   |
| 140.5                               | 20.5  | 96.9             | 2.2                                  | P - 63 2 20.5              | T 90S2        | 5.6     |   |
| 140.0                               | 20.5  | 97.2             | 2.2                                  | P - 63 2 20.5              | T 80C2        | 5.6     |   |
| 137.5                               | 10.4  | 99.0             | 2.2                                  | P - 63 2 10.4              | T 90L4        | 5.6     |   |
| 132.4                               | 7.1   | 102.8            | 3.2                                  | P - 71 2 7.1               | T 100A6       | 7.5     |   |
| 132.4                               | 7.1   | 102.8            | 3.2                                  | P - 71 2 7.1               | T 90LB6       | 7.5     |   |
| 127.0                               | 7.4   | 107.1            | 1.8                                  | P - 63 2 7.4               | T 100A6       | 5.6     |   |
| 127.0                               | 7.4   | 107.1            | 1.8                                  | P - 63 2 7.4               | T 90LB6       | 5.6     |   |
| 123.3                               | 11.6  | 110.4            | 3.9                                  | P - 71 2 11.6              | T 90L4        | 7.5     |   |
| 121.2                               | 11.8  | 112.3            | 2.1                                  | P - 63 2 11.8              | T 90L4        | 5.6     |   |
| 120.6                               | 23.8  | 110.5            | 0.8                                  | P L 25 3 23.8              | T 80C2        | 4.0     |   |
| 119.5                               | 24.1  | 113.9            | 1.8                                  | P - 63 2 24.1              | T 90S2        | 5.6     |   |
| 119.1                               | 24.1  | 114.3            | 1.8                                  | P - 63 2 24.1              | T 80C2        | 5.6     |   |
| 117.5                               | 8.0   | 115.8            | 1.9                                  | P - 63 2 8                 | T 100A6       | 5.6     |   |
| 117.5                               | 8.0   | 115.8            | 1.9                                  | P - 63 2 8                 | T 90LB6       | 5.6     |   |
| 116.3                               | 12.3  | 117.1            | 2.6                                  | P - 71 2 12.3              | T 90L4        | 7.5     |   |
| 113.8                               | 25.3  | 119.5            | 3.0                                  | P - 71 2 25.3              | T 90S2        | 7.5     |   |
| 113.4                               | 25.3  | 120.0            | 3.0                                  | P - 71 2 25.3              | T 80C2        | 7.5     |   |
| 110.3                               | 26.1  | 123.3            | 1.8                                  | P - 63 2 26.1              | T 90S2        | 5.6     |   |
| 110.0                               | 26.1  | 123.8            | 1.8                                  | P - 63 2 26.1              | T 80C2        | 5.6     |   |
| 108.1                               | 8.7   | 126.0            | 2.8                                  | P - 71 2 8.7               | T 90LB6       | 7.5     |   |
| 108.1                               | 8.7   | 126.0            | 2.8                                  | P - 71 2 8.7               | T 100A6       | 7.5     |   |
| 105.9                               | 13.5  | 128.5            | 1.9                                  | P - 63 2 13.5              | T 90L4        | 5.6     |   |
| 104.7                               | 27.4  | 127.2            | 0.7                                  | P L 25 3 27.4              | T 80C2        | 4.0     |   |
| 104.4                               | 9.0   | 130.3            | 1.8                                  | P - 63 2 9                 | T 100A6       | 5.6     |   |
| 104.4                               | 9.0   | 130.3            | 1.8                                  | P - 63 2 9                 | T 90LB6       | 5.6     |   |
| 102.1                               | 14.0  | 133.2            | 3.4                                  | P - 71 2 14                | T 90L4        | 7.5     |   |
| 100.4                               | 28.7  | 132.8            | 1.7                                  | P L 45 3 28.7              | T 90S2        | 6.5     |   |
| 100.0                               | 28.8  | 136.1            | 3.0                                  | P - 71 2 28.8              | T 90S2        | 7.5     |   |
| 100.0                               | 28.7  | 133.2            | 1.7                                  | P L 45 3 28.7              | T 80C2        | 6.5     |   |
| 99.7                                | 28.8  | 136.6            | 3.0                                  | P - 71 2 28.8              | T 80C2        | 7.5     |   |
| 99.3                                | 14.4  | 137.0            | 1.6                                  | P - 63 2 14.4              | T 90L4        | 5.6     |   |
| 95.5                                | 30.2  | 142.5            | 3.8                                  | P - 80 2 30.15             | T 90S2        | 7.5     |   |
| 95.2                                | 30.2  | 143.0            | 3.8                                  | P - 80 2 30.15             | T 80C2        | 7.5     |   |
| 92.2                                | 10.2  | 147.7            | 3.2                                  | P - 71 2 10.2              | T 90LB6       | 7.5     |   |
| 92.2                                | 10.2  | 147.7            | 3.2                                  | P - 71 2 10.2              | T 100A6       | 7.5     |   |
| 90.9                                | 31.7  | 149.8            | 1.5                                  | P - 63 2 31.7              | T 90S2        | 5.6     |   |
| 90.5                                | 31.7  | 150.3            | 1.5                                  | P - 63 2 31.7              | T 80C2        | 5.6     |   |
| 90.4                                | 10.4  | 150.6            | 1.6                                  | P - 63 2 10.4              | T 90LB6       | 5.6     |   |
| 90.4                                | 10.4  | 150.6            | 1.6                                  | P - 63 2 10.4              | T 100A6       | 5.6     |   |





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|---------|---|
| 1,5                                 | 90,0  | 32,0             | 148,0                                | 1,5                        | P L 45 3 32    | T 90S2  | 6,5                                       |
|                                     | 89,7  | 32,0             | 148,5                                | 1,5                        | P L 45 3 32    | T 80C2  | 6,5                                       |
|                                     | 89,2  | 32,3             | 149,4                                | 3,6                        | P L 65 3 32,3  | T 90S2  | 8,0                                       |
|                                     | 88,9  | 32,3             | 149,9                                | 3,6                        | P L 65 3 32,3  | T 80C2  | 8,0                                       |
|                                     | 88,8  | 16,1             | 153,2                                | 3,0                        | P - 71 2 16,1  | T 90L4  | 7,5                                       |
|                                     | 87,0  | 33,1             | 156,4                                | 2,4                        | P - 71 2 33,1  | T 90S2  | 7,5                                       |
|                                     | 86,7  | 33,1             | 157,0                                | 2,4                        | P - 71 2 33,1  | T 80C2  | 7,5                                       |
|                                     | 84,6  | 16,9             | 160,8                                | 1,6                        | P - 63 2 16,9  | T 90L4  | 5,6                                       |
|                                     | 82,8  | 34,8             | 164,4                                | 3,3                        | P - 80 2 34,79 | T 90S2  | 7,5                                       |
|                                     | 82,7  | 17,3             | 164,6                                | 2,8                        | P - 71 2 17,3  | T 90L4  | 7,5                                       |
|                                     | 82,5  | 34,8             | 165,0                                | 3,3                        | P - 80 2 34,79 | T 80C2  | 7,5                                       |
|                                     | 81,0  | 11,6             | 167,9                                | 2,9                        | P - 71 2 11,6  | T 100A6 | 7,5                                       |
|                                     | 81,0  | 11,6             | 167,9                                | 2,9                        | P - 71 2 11,6  | T 90LB6 | 7,5                                       |
|                                     | 79,7  | 11,8             | 170,8                                | 1,5                        | P - 63 2 11,8  | T 100A6 | 5,6                                       |
|                                     | 79,7  | 11,8             | 170,8                                | 1,5                        | P - 63 2 11,8  | T 90LB6 | 5,6                                       |
|                                     | 78,7  | 36,6             | 172,9                                | 1,3                        | P - 63 2 36,6  | T 90S2  | 5,6                                       |
|                                     | 78,4  | 36,6             | 173,5                                | 1,3                        | P - 63 2 36,6  | T 80C2  | 5,6                                       |
|                                     | 77,2  | 37,3             | 176,3                                | 2,1                        | P - 71 2 37,3  | T 90S2  | 7,5                                       |
|                                     | 76,9  | 37,3             | 176,9                                | 2,1                        | P - 71 2 37,3  | T 80C2  | 7,5                                       |
|                                     | 76,6  | 37,6             | 173,9                                | 3,1                        | P L 65 3 37,6  | T 90S2  | 8,0                                       |
|                                     | 76,5  | 18,7             | 178,0                                | 2,6                        | P - 71 2 18,7  | T 90L4  | 7,5                                       |
|                                     | 76,4  | 12,3             | 178,1                                | 1,7                        | P - 71 2 12,3  | T 100A6 | 7,5                                       |
|                                     | 76,4  | 12,3             | 178,1                                | 1,7                        | P - 71 2 12,3  | T 90LB6 | 7,5                                       |
|                                     | 76,3  | 37,6             | 174,5                                | 3,1                        | P L 65 3 37,6  | T 80C2  | 8,0                                       |
|                                     | 75,9  | 38,0             | 179,3                                | 3,0                        | P - 80 2 37,95 | T 90S2  | 7,5                                       |
|                                     | 75,6  | 38,0             | 179,9                                | 3,0                        | P - 80 2 37,95 | T 80C2  | 7,5                                       |
|                                     | 74,4  | 38,7             | 179,0                                | 3,9                        | P - 90 3 38,7  | T 90S2  | 7,5                                       |
|                                     | 74,2  | 38,7             | 179,6                                | 3,9                        | P - 90 3 38,7  | T 80C2  | 7,5                                       |
|                                     | 73,4  | 19,5             | 185,5                                | 3,2                        | P - 80 2 19,49 | T 90L4  | 7,5                                       |
|                                     | 72,9  | 39,5             | 182,7                                | 2,3                        | P - 71 3 39,5  | T 90S2  | 5,4                                       |
|                                     | 72,7  | 39,6             | 187,3                                | 2,4                        | P - 80 2 39,63 | T 90S2  | 7,5                                       |
|                                     | 72,7  | 39,5             | 183,4                                | 2,3                        | P - 71 3 39,5  | T 80C2  | 5,4                                       |
|                                     | 72,4  | 39,6             | 187,9                                | 2,4                        | P - 80 2 39,63 | T 80C2  | 7,5                                       |
|                                     | 72,2  | 19,8             | 188,4                                | 1,3                        | P - 63 2 19,8  | T 90L4  | 5,6                                       |
|                                     | 71,3  | 40,4             | 190,9                                | 3,1                        | P - 90 2 40,4  | T 90S2  | 10,5                                      |
|                                     | 71,1  | 40,5             | 191,4                                | 1,1                        | P - 63 2 40,5  | T 90S2  | 5,6                                       |
|                                     | 71,0  | 40,4             | 191,6                                | 3,1                        | P - 90 2 40,4  | T 80C2  | 10,5                                      |
|                                     | 70,9  | 40,5             | 192,1                                | 1,1                        | P - 63 2 40,5  | T 80C2  | 5,6                                       |
|                                     | 70,8  | 20,2             | 192,3                                | 2,4                        | P - 71 2 20,2  | T 90L4  | 7,5                                       |
|                                     | 70,4  | 40,9             | 189,2                                | 1,2                        | P L 45 3 40,9  | T 90S2  | 6,5                                       |
|                                     | 70,2  | 40,9             | 189,8                                | 1,2                        | P L 45 3 40,9  | T 80C2  | 6,5                                       |
|                                     | 69,8  | 20,5             | 195,0                                | 1,2                        | P - 63 2 20,5  | T 90L4  | 5,6                                       |
|                                     | 69,7  | 20,5             | 195,4                                | 3,1                        | P - 80 2 20,53 | T 90L4  | 7,5                                       |
|                                     | 69,6  | 13,5             | 195,5                                | 1,3                        | P - 63 2 13,5  | T 90LB6 | 5,6                                       |
|                                     | 69,6  | 13,5             | 195,5                                | 1,3                        | P - 63 2 13,5  | T 100A6 | 5,6                                       |
|                                     | 68,2  | 42,3             | 199,6                                | 2,3                        | P - 80 2 42,25 | T 90S2  | 7,5                                       |
|                                     | 67,9  | 42,3             | 200,4                                | 2,2                        | P - 80 2 42,25 | T 80C2  | 7,5                                       |
|                                     | 67,1  | 14,0             | 202,7                                | 2,4                        | P - 71 2 14    | T 100A6 | 7,5                                       |
|                                     | 66,6  | 21,5             | 204,2                                | 2,9                        | P - 80 2 21,46 | T 90L4  | 7,5                                       |
|                                     | 66,1  | 43,4             | 201,5                                | 1,1                        | P - 63 3 43,4  | T 80C2  | 4,0                                       |
| 65,9                                | 43,7  | 202,2            | 3,7                                  | P - 90 3 43,7              | T 90S2         | 7,5     |   |
| 65,7                                | 43,7  | 202,8            | 3,7                                  | P - 90 3 43,7              | T 80C2         | 7,5     |   |
| 65,3                                | 44,1  | 208,4            | 3,4                                  | P - 90 2 44,1              | T 90S2         | 10,5    |   |
| 65,3                                | 21,9  | 208,4            | 2,2                                  | P - 71 2 21,9              | T 90L4         | 7,5     |   |
| 65,3                                | 14,4  | 208,5            | 1,1                                  | P - 63 2 14,4              | T 90LB6        | 5,6     |   |
| 65,3                                | 14,4  | 208,5            | 1,1                                  | P - 63 2 14,4              | T 100A6        | 5,6     |   |
| 65,1                                | 44,1  | 209,1            | 3,3                                  | P - 90 2 44,1              | T 80C2         | 10,5    |   |
| 64,4                                | 44,7  | 211,2            | 1,9                                  | P - 71 2 44,7              | T 90S2         | 7,5     |   |
| 64,2                                | 44,7  | 211,9            | 1,9                                  | P - 71 2 44,7              | T 80C2         | 7,5     |   |
| 63,8                                | 14,7  | 213,4            | 3,8                                  | P - 80 2 14,74             | T 90LB6        | 7,5     |   |
| 63,8                                | 14,7  | 213,4            | 3,8                                  | P - 80 2 14,74             | T 100A6        | 7,5     |   |
| 63,7                                | 45,2  | 213,6            | 1,0                                  | P - 63 2 45,2              | T 90S2         | 5,6     |   |
| 63,5                                | 45,2  | 214,3            | 1,0                                  | P - 63 2 45,2              | T 80C2         | 5,6     |   |
| 63,0                                | 45,7  | 211,3            | 1,1                                  | P L 45 3 45,7              | T 90S2         | 6,5     |   |
| 62,8                                | 45,7  | 212,1            | 1,1                                  | P L 45 3 45,7              | T 80C2         | 6,5     |   |
| 62,6                                | 46,0  | 212,8            | 2,5                                  | P L 65 3 46                | T 90S2         | 8,0     |   |
| 62,4                                | 46,0  | 213,6            | 2,5                                  | P L 65 3 46                | T 80C2         | 8,0     |   |
| 61,1                                | 47,0  | 218,2            | 0,9                                  | P - 63 3 47                | T 80C2         | 4,0     |   |
| 60,1                                | 23,8  | 221,7            | 3,6                                  | P L 85 3 23,8              | T 90L4         | 11,0    |   |
| 59,9                                | 23,9  | 227,3            | 2,6                                  | P - 80 2 23,89             | T 90L4         | 7,5     |   |
| 59,8                                | 48,1  | 227,4            | 2,0                                  | P - 80 2 48,14             | T 90S2         | 7,5     |   |
| 59,6                                | 48,1  | 228,3            | 2,0                                  | P - 80 2 48,14             | T 80C2         | 7,5     |   |
| 59,3                                | 24,1  | 229,4            | 1,0                                  | P - 63 2 24,1              | T 90L4         | 5,6     |   |
| 59,0                                | 48,8  | 225,7            | 3,3                                  | P - 90 3 48,8              | T 90S2         | 7,5     |   |
| 58,8                                | 48,8  | 226,5            | 3,3                                  | P - 90 3 48,8              | T 80C2         | 7,5     |   |
| 58,8                                | 16,0  | 231,6            | 4,0                                  | P - 90 2 16                | T 90LB6        | 10,5    |   |
| 58,8                                | 16,0  | 231,6            | 4,0                                  | P - 90 2 16                | T 100A6        | 10,5    |   |
| 58,4                                | 16,1  | 233,1            | 2,1                                  | P - 71 2 16,1              | T 90LB6        | 7,5     |   |
| 58,4                                | 16,1  | 233,1            | 2,1                                  | P - 71 2 16,1              | T 100A6        | 7,5     |   |
| 57,2                                | 25,0  | 237,9            | 3,8                                  | P - 90 2 25                | T 90L4         | 10,5    |   |
| 57,0                                | 50,5  | 238,7            | 1,7                                  | P - 71 2 50,5              | T 90S2         | 7,5     |   |
| 56,8                                | 50,5  | 239,4            | 1,7                                  | P - 71 2 50,5              | T 80C2         | 7,5     |   |
| 56,6                                | 50,9  | 240,3            | 1,3                                  | P - 80 2 50,87             | T 90S2         | 7,5     |   |
| 56,6                                | 50,9  | 240,5            | 2,9                                  | P - 90 2 50,9              | T 90S2         | 10,5    |   |
| 56,5                                | 25,3  | 240,8            | 1,7                                  | P - 71 2 25,3              | T 90L4         | 7,5     |   |
| 56,4                                | 50,9  | 241,2            | 1,3                                  | P - 80 2 50,87             | T 80C2         | 7,5     |   |
| 56,4                                | 50,9  | 241,3            | 2,9                                  | P - 90 2 50,9              | T 80C2         | 10,5    |   |
| 55,6                                | 16,9  | 244,7            | 1,0                                  | P - 63 2 16,9              | T 90LB6        | 5,6     |   |
| 55,6                                | 16,9  | 244,7            | 1,0                                  | P - 63 2 16,9              | T 100A6        | 5,6     |   |
| 55,1                                | 17,1  | 247,1            | 3,7                                  | P - 80 2 17,07             | T 90LB6        | 7,5     |   |
| 55,1                                | 17,1  | 247,1            | 3,7                                  | P - 80 2 17,07             | T 100A6        | 7,5     |   |
| 55,0                                | 17,1  | 247,6            | 3,7                                  | P - 90 2 17,1              | T 100A6        | 10,5    |   |
| 55,0                                | 17,1  | 247,6            | 3,7                                  | P - 90 2 17,1              | T 90LB6        | 10,5    |   |
| 54,8                                | 26,1  | 248,4            | 1,0                                  | P - 63 2 26,1              | T 90L4         | 5,6     |   |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 1,5                                 | 54.6  | 52.8             | 244.2                                 | 0.9                        | P L 45 3 52.8   | T 90S2  | 6.5                                       |
|                                     | 54.4  | 26.3             | 250.3                                 | 2.4                        | P - 80 2 26.3   | T 90L4  | 7.5                                       |
|                                     | 54.4  | 52.8             | 245.1                                 | 0.9                        | P L 45 3 52.8   | T 80C2  | 6.5                                       |
|                                     | 54.3  | 17.3             | 250.4                                 | 1.9                        | P - 71 2 17.3   | T 100A6   | 7.5                                       |
|                                     | 54.3  | 17.3             | 250.4                                 | 1.9                        | P - 71 2 17.3   | T 90LB6   | 7.5                                       |
|                                     | 54.2  | 26.4             | 245.9                                 | 2.4                        | P L 65 3 26.4   | T 90L4  | 8.0                                       |
|                                     | 53.9  | 53.3             | 247.4                                 | 0.9                        | P - 63 3 53.3   | T 80C2  | 4.0                                       |
|                                     | 53.8  | 53.5             | 247.4                                 | 1.7                        | P - 71 3 53.5   | T 90S2  | 5.4                                       |
|                                     | 53.6  | 53.5             | 248.3                                 | 1.7                        | P - 71 3 53.5   | T 80C2  | 5.4                                       |
|                                     | 53.0  | 54.3             | 251.2                                 | 2.2                        | P L 65 3 54.3   | T 90S2  | 8.0                                       |
|                                     | 52.9  | 54.3             | 252.1                                 | 2.1                        | P L 65 3 54.3   | T 80C2  | 8.0                                       |
|                                     | 52.2  | 55.2             | 255.4                                 | 2.8                        | P - 90 3 55.2   | T 90S2  | 7.5                                       |
|                                     | 52.0  | 27.5             | 256.2                                 | 3.7                        | P L 85 3 27.5   | T 90L4  | 11.0                                      |
|                                     | 52.0  | 55.2             | 256.2                                 | 2.8                        | P - 90 3 55.2   | T 80C2  | 7.5                                       |
|                                     | 51.9  | 55.5             | 262.2                                 | 1.2                        | P - 80 2 55.49  | T 90S2  | 7.5                                       |
|                                     | 51.7  | 55.5             | 263.1                                 | 1.2                        | P - 80 2 55.49  | T 80C2  | 7.5                                       |
|                                     | 51.6  | 27.7             | 263.6                                 | 3.5                        | P - 90 2 27.7   | T 90L4  | 10.5                                      |
|                                     | 51.0  | 18.5             | 267.1                                 | 3.7                        | P - 80 2 18.45  | T 90LB6   | 7.5                                       |
|                                     | 51.0  | 18.5             | 267.1                                 | 3.7                        | P - 80 2 18.45  | T 100A6   | 7.5                                       |
|                                     | 50.4  | 28.4             | 270.1                                 | 2.2                        | P - 80 2 28.38  | T 90L4  | 7.5                                       |
|                                     | 50.3  | 18.7             | 270.7                                 | 1.8                        | P - 71 2 18.7   | T 90LB6   | 7.5                                       |
|                                     | 50.3  | 18.7             | 270.7                                 | 1.8                        | P - 71 2 18.7   | T 100A6   | 7.5                                       |
|                                     | 50.2  | 57.2             | 265.6                                 | 0.9                        | P - 63 3 57.2   | T 80C2  | 4.0                                       |
|                                     | 49.8  | 28.7             | 267.3                                 | 0.9                        | P L 45 3 28.7   | T 90L4  | 6.5                                       |
|                                     | 49.7  | 28.8             | 274.1                                 | 1.7                        | P - 71 2 28.8   | T 90L4  | 7.5                                       |
|                                     | 48.2  | 19.5             | 282.2                                 | 2.3                        | P - 80 2 19.49  | T 90LB6   | 7.5                                       |
|                                     | 48.2  | 19.5             | 282.2                                 | 2.3                        | P - 80 2 19.49  | T 100A6   | 7.5                                       |
|                                     | 47.9  | 60.1             | 278.0                                 | 0.8                        | P L 45 3 60.1   | T 90S2  | 6.5                                       |
|                                     | 47.8  | 60.1             | 278.9                                 | 0.8                        | P L 45 3 60.1   | T 80C2  | 6.5                                       |
|                                     | 47.5  | 19.8             | 286.7                                 | 3.2                        | P - 90 2 19.8   | T 90LB6   | 10.5                                      |
|                                     | 47.5  | 19.8             | 286.7                                 | 3.2                        | P - 90 2 19.8   | T 100A6   | 10.5                                      |
|                                     | 47.5  | 19.8             | 286.7                                 | 0.9                        | P - 63 2 19.8   | T 90LB6   | 5.6                                       |
|                                     | 47.5  | 19.8             | 286.7                                 | 0.9                        | P - 63 2 19.8   | T 100A6   | 5.6                                       |
|                                     | 47.4  | 30.2             | 286.9                                 | 2.1                        | P - 80 2 30.15  | T 90L4  | 7.5                                       |
|                                     | 47.4  | 60.8             | 281.2                                 | 1.5                        | P - 71 3 60.8   | T 90S2  | 5.4                                       |
|                                     | 47.2  | 60.8             | 282.3                                 | 1.5                        | P - 71 3 60.8   | T 80C2  | 5.4                                       |
|                                     | 46.9  | 30.5             | 290.2                                 | 3.1                        | P - 90 2 30.5   | T 90L4  | 10.5                                      |
|                                     | 46.6  | 61.8             | 292.0                                 | 1.1                        | P - 80 2 61.79  | T 90S2  | 7.5                                       |
|                                     | 46.5  | 20.2             | 292.4                                 | 1.6                        | P - 71 2 20.2   | T 100A6   | 7.5                                       |
|                                     | 46.5  | 20.2             | 292.4                                 | 1.6                        | P - 71 2 20.2   | T 90LB6   | 7.5                                       |
|                                     | 46.5  | 61.8             | 292.9                                 | 1.1                        | P - 80 2 61.79  | T 80C2  | 7.5                                       |
|                                     | 46.4  | 61.8             | 286.8                                 | 0.8                        | P - 63 3 61.8   | T 80C2  | 4.0                                       |
|                                     | 46.2  | 62.3             | 288.2                                 | 2.6                        | P - 90 3 62.3   | T 90S2  | 7.5                                       |
|                                     | 46.1  | 62.3             | 289.2                                 | 2.6                        | P - 90 3 62.3   | T 80C2  | 7.5                                       |
|                                     | 45.9  | 20.5             | 296.8                                 | 0.8                        | P - 63 2 20.5   | T 90LB6   | 5.6                                       |
|                                     | 45.9  | 20.5             | 296.8                                 | 0.8                        | P - 63 2 20.5   | T 100A6   | 5.6                                       |
|                                     | 45.8  | 20.5             | 297.2                                 | 2.2                        | P - 80 2 20.53  | T 100A6   | 7.5                                       |
|                                     | 45.8  | 20.5             | 297.2                                 | 2.2                        | P - 80 2 20.53  | T 90LB6   | 7.5                                       |
|                                     | 45.1  | 31.7             | 301.8                                 | 0.8                        | P - 63 2 31.7   | T 90L4  | 5.6                                       |
|                                     | 45.1  | 63.9             | 295.6                                 | 3.7                        | P L 85 3 63.9   | T 90S2  | 11.0                                      |
| 44.9                                | 63.9  | 296.6            | 3.6                                   | P L 85 3 63.9              | T 80C2  | 11.0  |   |
| 44.9                                | 64.2  | 297.0            | 1.4                                   | P - 71 3 64.2              | T 90S2  | 5.4   |   |
| 44.7                                | 64.4  | 297.9            | 1.8                                   | P L 65 3 64.4              | T 90S2  | 8.0   |   |
| 44.7                                | 64.2  | 298.0            | 1.4                                   | P - 71 3 64.2              | T 80C2  | 5.4   |   |
| 44.7                                | 32.0  | 298.1            | 0.8                                   | P L 45 3 32                | T 90L4  | 6.5   |   |
| 44.6                                | 64.4  | 298.9            | 1.8                                   | P L 65 3 64.4              | T 80C2  | 8.0   |   |
| 44.3                                | 32.3  | 300.9            | 2.0                                   | P L 65 3 32.3              | T 90L4  | 8.0   |   |
| 43.9                                | 21.4  | 309.8            | 3.0                                   | P - 90 2 21.4              | T 100A6   | 10.5  |   |
| 43.9                                | 21.4  | 309.8            | 3.0                                   | P - 90 2 21.4              | T 90LB6   | 10.5  |   |
| 43.8                                | 21.5  | 310.7            | 2.1                                   | P - 80 2 21.46             | T 100A6   | 7.5   |   |
| 43.8                                | 21.5  | 310.7            | 2.1                                   | P - 80 2 21.46             | T 90LB6   | 7.5   |   |
| 43.2                                | 33.1  | 315.1            | 1.3                                   | P - 71 2 33.1              | T 90L4  | 7.5   |   |
| 42.9                                | 21.9  | 317.0            | 1.5                                   | P - 71 2 21.9              | T 90LB6   | 7.5   |   |
| 42.9                                | 21.9  | 317.0            | 1.5                                   | P - 71 2 21.9              | T 100A6   | 7.5   |   |
| 41.5                                | 34.5  | 321.4            | 3.4                                   | P L 85 3 34.5              | T 90L4  | 11.0  |   |
| 41.2                                | 69.6  | 323.2            | 0.7                                   | P - 63 3 69.6              | T 80C2  | 4.0   |   |
| 41.1                                | 34.8  | 331.1            | 1.8                                   | P - 80 2 34.79             | T 90L4  | 7.5   |   |
| 40.9                                | 35.0  | 333.1            | 2.6                                   | P - 90 2 35                | T 90L4  | 10.5  |   |
| 40.8                                | 70.6  | 326.6            | 2.4                                   | P - 90 3 70.6              | T 90S2  | 7.5   |   |
| 40.7                                | 70.6  | 327.7            | 2.4                                   | P - 90 3 70.6              | T 80C2  | 7.5   |   |
| 39.5                                | 23.8  | 337.3            | 2.5                                   | P L 85 3 23.8              | T 90LB6   | 11.0  |   |
| 39.5                                | 23.8  | 337.3            | 2.5                                   | P L 85 3 23.8              | T 100A6   | 11.0  |   |
| 39.4                                | 23.9  | 345.8            | 1.9                                   | P - 80 2 23.89             | T 90LB6   | 7.5   |   |
| 39.4                                | 23.9  | 345.8            | 1.9                                   | P - 80 2 23.89             | T 100A6   | 7.5   |   |
| 39.1                                | 36.6  | 348.2            | 0.7                                   | P - 63 2 36.6              | T 90L4  | 5.6   |   |
| 39.0                                | 24.1  | 349.0            | 0.7                                   | P - 63 2 24.1              | T 90LB6   | 5.6   |   |
| 39.0                                | 24.1  | 349.0            | 0.7                                   | P - 63 2 24.1              | T 100A6   | 5.6   |   |
| 38.9                                | 74.0  | 342.3            | 3.2                                   | P L 85 3 74                | T 90S2  | 11.0  |   |
| 38.8                                | 74.0  | 343.5            | 3.1                                   | P L 85 3 74                | T 80C2  | 11.0  |   |
| 38.7                                | 74.4  | 344.1            | 1.6                                   | P L 65 3 74.4              | T 90S2  | 8.0   |   |
| 38.6                                | 74.4  | 345.3            | 1.6                                   | P L 65 3 74.4              | T 80C2  | 8.0   |   |
| 38.3                                | 37.3  | 354.9            | 1.2                                   | P - 71 2 37.3              | T 90L4  | 7.5   |   |
| 38.2                                | 75.4  | 348.8            | 1.2                                   | P - 71 3 75.4              | T 90S2  | 5.4   |   |
| 38.1                                | 75.4  | 350.0            | 1.2                                   | P - 71 3 75.4              | T 80C2  | 5.4   |   |
| 38.0                                | 37.6  | 350.3            | 1.7                                   | P L 65 3 37.6              | T 90L4  | 8.0   |   |
| 37.8                                | 76.3  | 352.9            | 2.3                                   | P - 90 3 76.3              | T 90S2  | 7.5   |   |
| 37.7                                | 38.0  | 361.2            | 1.7                                   | P - 80 2 37.95             | T 90L4  | 7.5   |   |
| 37.6                                | 76.3  | 354.2            | 2.3                                   | P - 90 3 76.3              | T 80C2  | 7.5   |   |
| 37.6                                | 25.0  | 361.9            | 2.5                                   | P - 90 2 25                | T 100A6   | 10.5  |   |
| 37.6                                | 25.0  | 361.9            | 2.5                                   | P - 90 2 25                | T 90LB6   | 10.5  |   |
| 37.2                                | 25.3  | 366.3            | 1.1                                   | P - 71 2 25.3              | T 90LB6   | 7.5   |   |
| 37.2                                | 25.3  | 366.3            | 1.1                                   | P - 71 2 25.3              | T 100A6   | 7.5   |   |
| 37.0                                | 38.7  | 360.6            | 3.3                                   | P L 85 3 38.7              | T 90L4  | 11.0  |   |
| 37.0                                | 38.7  | 360.5            | 2.5                                   | P - 90 3 38.7              | T 90L4  | 7.5   |   |
| 36.2                                | 39.5  | 368.0            | 1.3                                   | P - 71 3 39.5              | T 90L4  | 5.4   |   |



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|--------|---|
| 36,1                                | 39,6  | 377,3            | 1,3                                   | P - 80 2 39.63             | T 90L4   | 7,5    |   |
| 35,7                                | 26,3  | 380,7            | 1,7                                   | P - 80 2 26.3              | T 100A6  | 7,5    |   |
| 35,7                                | 26,3  | 380,7            | 1,7                                   | P - 80 2 26.3              | T 90LB6  | 7,5    |   |
| 35,6                                | 26,4  | 374,1            | 1,7                                   | P L 65 3 26.4              | T 100A6  | 8,0    |   |
| 35,6                                | 26,4  | 374,1            | 1,7                                   | P L 65 3 26.4              | T 90LB6  | 8,0    |   |
| 35,4                                | 40,4  | 384,5            | 1,9                                   | P - 90 2 40.4              | T 90L4   | 10,5   |   |
| 34,8                                | 82,8  | 383,0            | 2,1                                   | P - 90 3 82.8              | T 90S2   | 7,5    |   |
| 34,7                                | 82,8  | 384,4            | 2,1                                   | P - 90 3 82.8              | T 80C2   | 7,5    |   |
| 34,2                                | 27,5  | 389,8            | 2,6                                   | P L 85 3 27.5              | T 90LB6  | 11,0   |   |
| 34,2                                | 27,5  | 389,8            | 2,6                                   | P L 85 3 27.5              | T 100A6  | 11,0   |   |
| 33,9                                | 27,7  | 400,9            | 2,3                                   | P - 90 2 27.7              | T 90LB6  | 10,5   |   |
| 33,9                                | 27,7  | 400,9            | 2,3                                   | P - 90 2 27.7              | T 100A6  | 10,5   |   |
| 33,9                                | 84,9  | 392,7            | 2,8                                   | P L 85 3 84.9              | T 90S2   | 11,0   |   |
| 33,9                                | 42,3  | 401,9            | 1,2                                   | P - 80 2 42.25             | T 90L4   | 7,5    |   |
| 33,8                                | 84,9  | 394,2            | 2,7                                   | P L 85 3 84.9              | T 80C2   | 11,0   |   |
| 33,7                                | 85,4  | 395,1            | 1,4                                   | P L 65 3 85.4              | T 90S2   | 8,0    |   |
| 33,6                                | 85,4  | 396,3            | 1,4                                   | P L 65 3 85.4              | T 80C2   | 8,0    |   |
| 33,2                                | 86,8  | 401,5            | 1,0                                   | P - 71 3 86.8              | T 90S2   | 5,4    |   |
| 33,1                                | 28,4  | 410,9            | 1,6                                   | P - 80 2 28.38             | T 90LB6  | 7,5    |   |
| 33,1                                | 28,4  | 410,9            | 1,6                                   | P - 80 2 28.38             | T 100A6  | 7,5    |   |
| 33,1                                | 86,8  | 403,1            | 1,0                                   | P - 71 3 86.8              | T 80C2   | 5,4    |   |
| 33,0                                | 87,3  | 403,8            | 3,7                                   | P - 112 3 87.3             | T 90S2   | 11,8   |   |
| 32,9                                | 87,3  | 405,2            | 3,7                                   | P - 112 3 87.3             | T 80C2   | 11,8   |   |
| 32,7                                | 43,7  | 407,1            | 2,9                                   | P L 85 3 43.7              | T 90L4   | 11,0   |   |
| 32,7                                | 43,7  | 407,2            | 2,2                                   | P - 90 3 43.7              | T 90L4   | 7,5    |   |
| 32,6                                | 28,8  | 416,9            | 1,1                                   | P - 71 2 28.8              | T 90LB6  | 7,5    |   |
| 32,6                                | 28,8  | 416,9            | 1,1                                   | P - 71 2 28.8              | T 100A6  | 7,5    |   |
| 32,4                                | 44,1  | 419,6            | 2,0                                   | P - 90 2 44.1              | T 90L4   | 10,5   |   |
| 32,0                                | 44,7  | 425,4            | 1,1                                   | P - 71 2 44.7              | T 90L4   | 7,5    |   |
| 31,5                                | 91,5  | 423,1            | 1,0                                   | P - 71 3 91.5              | T 90S2   | 5,4    |   |
| 31,4                                | 91,5  | 424,8            | 1,0                                   | P - 71 3 91.5              | T 80C2   | 5,4    |   |
| 31,2                                | 30,2  | 436,5            | 1,5                                   | P - 80 2 30.15             | T 100A6  | 7,5    |   |
| 31,2                                | 30,2  | 436,5            | 1,5                                   | P - 80 2 30.15             | T 90LB6  | 7,5    |   |
| 31,1                                | 46,0  | 428,6            | 1,4                                   | P L 65 3 46                | T 90L4   | 8,0    |   |
| 30,9                                | 93,3  | 431,5            | 1,9                                   | P - 90 3 93.3              | T 90S2   | 7,5    |   |
| 30,8                                | 30,5  | 441,6            | 2,1                                   | P - 90 2 30.5              | T 100A6  | 10,5   |   |
| 30,8                                | 30,5  | 441,6            | 2,1                                   | P - 90 2 30.5              | T 90LB6  | 10,5   |   |
| 30,8                                | 93,6  | 432,9            | 3,5                                   | P - 112 3 93.6             | T 90S2   | 11,8   |   |
| 30,8                                | 93,3  | 433,1            | 1,8                                   | P - 90 3 93.3              | T 80C2   | 7,5    |   |
| 30,7                                | 93,6  | 434,5            | 3,5                                   | P - 112 3 93.6             | T 80C2   | 11,8   |   |
| 29,7                                | 48,1  | 458,2            | 1,1                                   | P - 80 2 48.14             | T 90L4   | 7,5    |   |
| 29,4                                | 98,0  | 453,3            | 2,4                                   | P L 85 3 98                | T 90S2   | 11,0   |   |
| 29,3                                | 48,8  | 454,7            | 2,0                                   | P - 90 3 48.8              | T 90L4   | 7,5    |   |
| 29,3                                | 98,0  | 454,8            | 2,4                                   | P L 85 3 98                | T 80C2   | 11,0   |   |
| 29,1                                | 32,3  | 467,6            | 4,0                                   | P - 112 2 32.3             | T 100A6  | 16,5   |   |
| 29,1                                | 32,3  | 457,7            | 1,4                                   | P L 65 3 32.3              | T 100A6  | 8,0    |   |
| 29,1                                | 32,3  | 457,7            | 1,4                                   | P L 65 3 32.3              | T 90LB6  | 8,0    |   |
| 29,1                                | 99,0  | 457,9            | 1,2                                   | P L 65 3 99                | T 90S2   | 8,0    |   |
| 29,0                                | 99,3  | 459,5            | 0,9                                   | P - 71 3 99.3              | T 90S2   | 5,4    |   |
| 29,0                                | 99,0  | 459,4            | 1,2                                   | P L 65 3 99                | T 80C2   | 8,0    |   |
| 28,9                                | 99,3  | 460,9            | 0,9                                   | P - 71 3 99.3              | T 80C2   | 5,4    |   |
| 28,6                                | 100,6   | 465,3            | 1,7                                   | P - 90 3 100.6             | T 90S2   | 7,5    |   |
| 28,5                                | 100,6   | 466,9            | 1,7                                   | P - 90 3 100.6             | T 80C2   | 7,5    |   |
| 28,4                                | 33,1  | 479,3            | 0,9                                   | P - 71 2 33.1              | T 90LB6  | 7,5    |   |
| 28,4                                | 33,1  | 479,3            | 0,9                                   | P - 71 2 33.1              | T 100A6  | 7,5    |   |
| 28,3                                | 50,5  | 480,5            | 1,0                                   | P - 71 2 50.5              | T 90L4   | 7,5    |   |
| 28,1                                | 50,9  | 484,3            | 0,7                                   | P - 80 2 50.87             | T 90L4   | 7,5    |   |
| 28,1                                | 50,9  | 484,4            | 1,8                                   | P - 90 2 50.9              | T 90L4   | 10,5   |   |
| 27,9                                | 51,2  | 477,0            | 3,6                                   | P - 112 3 51.2             | T 90L4   | 11,8   |   |
| 27,3                                | 34,5  | 488,9            | 2,4                                   | P L 85 3 34.5              | T 100A6  | 11,0   |   |
| 27,3                                | 34,5  | 488,9            | 2,4                                   | P L 85 3 34.5              | T 90LB6  | 11,0   |   |
| 27,0                                | 34,8  | 503,6            | 1,3                                   | P - 80 2 34.79             | T 100A6  | 7,5    |   |
| 27,0                                | 34,8  | 503,6            | 1,3                                   | P - 80 2 34.79             | T 90LB6  | 7,5    |   |
| 26,9                                | 35,0  | 506,6            | 1,8                                   | P - 90 2 35                | T 100A6  | 10,5   |   |
| 26,9                                | 35,0  | 506,6            | 1,8                                   | P - 90 2 35                | T 90LB6  | 10,5   |   |
| 26,8                                | 107,5   | 497,2            | 0,8                                   | P - 71 3 107.5             | T 90S2   | 5,4    |   |
| 26,7                                | 53,5  | 498,6            | 0,9                                   | P - 71 3 53.5              | T 90L4   | 5,4    |   |
| 26,7                                | 107,5   | 498,8            | 0,8                                   | P - 71 3 107.5             | T 80C2   | 5,4    |   |
| 26,6                                | 108,4   | 501,4            | 3,0                                   | P - 112 3 108.4            | T 90S2   | 11,8   |   |
| 26,5                                | 108,4   | 503,1            | 3,0                                   | P - 112 3 108.4            | T 80C2   | 11,8   |   |
| 26,5                                | 108,9   | 503,7            | 1,8                                   | P - 90 3 108.9             | T 90S2   | 7,5    |   |
| 26,4                                | 108,9   | 505,6            | 1,8                                   | P - 90 3 108.9             | T 80C2   | 7,5    |   |
| 26,3                                | 54,3  | 505,9            | 1,2                                   | P L 65 3 54.3              | T 90L4   | 8,0    |   |
| 25,9                                | 55,2  | 514,1            | 1,8                                   | P - 90 3 55.2              | T 90L4   | 7,5    |   |
| 25,4                                | 56,3  | 524,5            | 2,3                                   | P L 85 3 56.3              | T 90L4   | 11,0   |   |
| 25,4                                | 113,5   | 525,1            | 2,1                                   | P L 85 3 113.5             | T 90S2   | 11,0   |   |
| 25,3                                | 113,5   | 526,8            | 2,1                                   | P L 85 3 113.5             | T 80C2   | 11,0   |   |
| 25,2                                | 37,3  | 539,9            | 0,8                                   | P - 71 2 37.3              | T 100A6  | 7,5    |   |
| 25,2                                | 37,3  | 539,9            | 0,8                                   | P - 71 2 37.3              | T 90LB6  | 7,5    |   |
| 25,0                                | 37,6  | 532,8            | 1,2                                   | P L 65 3 37.6              | T 100A6  | 8,0    |   |
| 25,0                                | 37,6  | 532,8            | 1,2                                   | P L 65 3 37.6              | T 90LB6  | 8,0    |   |
| 24,8                                | 116,0   | 536,5            | 3,9                                   | P L 95 3 116               | T 90S2   | 16,0   |   |
| 24,8                                | 116,2   | 537,5            | 1,0                                   | P L 65 3 116.2             | T 90S2   | 8,0    |   |
| 24,8                                | 38,0  | 549,3            | 1,2                                   | P - 80 2 37.95             | T 90LB6  | 7,5    |   |
| 24,8                                | 38,0  | 549,3            | 1,2                                   | P - 80 2 37.95             | T 100A6  | 7,5    |   |
| 24,7                                | 116,0   | 538,5            | 3,9                                   | P L 95 3 116               | T 80C2   | 16,0   |   |
| 24,7                                | 116,2   | 539,3            | 1,0                                   | P L 65 3 116.2             | T 80C2   | 8,0    |   |
| 24,6                                | 117,2   | 542,2            | 2,8                                   | P - 112 3 117.2            | T 90S2   | 11,8   |   |
| 24,5                                | 117,2   | 544,0            | 2,8                                   | P - 112 3 117.2            | T 80C2   | 11,8   |   |
| 24,4                                | 58,5  | 545,1            | 3,2                                   | P - 112 3 58.5             | T 90L4   | 11,8   |   |
| 24,3                                | 38,7  | 548,5            | 2,4                                   | P L 85 3 38.7              | T 90LB6  | 11,0   |   |
| 24,3                                | 38,7  | 548,5            | 2,4                                   | P L 85 3 38.7              | T 100A6  | 11,0   |   |
| 24,3                                | 38,7  | 548,6            | 1,7                                   | P - 90 3 38.7              | T 90LB6  | 7,5    |   |
| 24,3                                | 38,7  | 548,6            | 1,7                                   | P - 90 3 38.7              | T 100A6  | 7,5    |   |
| 24,2                                | 38,9  | 563,2            | 3,3                                   | P - 112 2 38.9             | T 100A6  | 16,5   |   |

1,5





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |         | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|---------|---|
| 1,5                                 | 23,8  | 39,5             | 560,0                                 | 0,8                        | P - 71 3 39.5   | T 90LB6 | 5,4                                       |
|                                     | 23,7  | 39,6             | 573,9                                 | 0,9                        | P - 80 2 39.63  | T 90LB6 | 7,5                                       |
|                                     | 23,7  | 39,6             | 573,9                                 | 0,9                        | P - 80 2 39.63  | T 100A6 | 7,5                                       |
|                                     | 23,5  | 60,8             | 566,5                                 | 0,8                        | P - 71 3 60.8   | T 90L4  | 5,4                                       |
|                                     | 23,3  | 40,4             | 584,9                                 | 1,3                        | P - 90 2 40.4   | T 100A6 | 10,5                                      |
|                                     | 23,3  | 40,4             | 584,9                                 | 1,3                        | P - 90 2 40.4   | T 90LB6 | 10,5                                      |
|                                     | 23,3  | 123,8            | 572,7                                 | 0,7                        | P - 71 3 123.8  | T 90S2  | 5,4                                       |
|                                     | 23,2  | 40,5             | 574,0                                 | 4,0                        | P L 95 3 40.5   | T 100A6 | 16,0                                      |
|                                     | 23,2  | 40,5             | 574,0                                 | 4,0                        | P L 95 3 40.5   | T 90LB6 | 16,0                                      |
|                                     | 23,2  | 123,8            | 574,8                                 | 0,7                        | P - 71 3 123.8  | T 80C2  | 5,4                                       |
|                                     | 23,1  | 40,7             | 589,1                                 | 3,1                        | P - 112 2 40.7  | T 100A6 | 16,5                                      |
|                                     | 23,0  | 125,0            | 578,1                                 | 1,6                        | P - 90 3 125    | T 90S2  | 7,5                                       |
|                                     | 23,0  | 125,0            | 580,4                                 | 1,6                        | P - 90 3 125    | T 80C2  | 7,5                                       |
|                                     | 23,0  | 62,3             | 580,6                                 | 1,6                        | P - 90 3 62.3   | T 90L4  | 7,5                                       |
|                                     | 22,8  | 62,7             | 584,1                                 | 3,0                        | P - 112 3 62.7  | T 90L4  | 11,8                                      |
|                                     | 22,5  | 128,3            | 593,4                                 | 2,5                        | P - 112 3 128.3 | T 90S2  | 11,8                                      |
|                                     | 22,4  | 63,9             | 595,2                                 | 2,0                        | P L 85 3 63.9   | T 90L4  | 11,0                                      |
|                                     | 22,4  | 128,3            | 595,6                                 | 2,5                        | P - 112 3 128.3 | T 80C2  | 11,8                                      |
|                                     | 22,3  | 64,2             | 598,4                                 | 0,8                        | P - 71 3 64.2   | T 90L4  | 5,4                                       |
|                                     | 22,3  | 42,3             | 611,7                                 | 0,9                        | P - 80 2 42.25  | T 90LB6 | 7,5                                       |
|                                     | 22,3  | 42,3             | 611,7                                 | 0,9                        | P - 80 2 42.25  | T 100A6 | 7,5                                       |
|                                     | 22,2  | 64,4             | 600,0                                 | 1,0                        | P L 65 3 64.4   | T 90L4  | 8,0                                       |
|                                     | 21,9  | 65,4             | 609,2                                 | 3,6                        | P L 95 3 65.4   | T 90L4  | 16,0                                      |
|                                     | 21,5  | 43,7             | 619,4                                 | 2,1                        | P L 85 3 43.7   | T 100A6 | 11,0                                      |
|                                     | 21,5  | 43,7             | 619,4                                 | 2,1                        | P L 85 3 43.7   | T 90LB6 | 11,0                                      |
|                                     | 21,5  | 43,7             | 619,3                                 | 1,5                        | P - 90 3 43.7   | T 100A6 | 7,5                                       |
|                                     | 21,5  | 43,7             | 619,3                                 | 1,5                        | P - 90 3 43.7   | T 90LB6 | 7,5                                       |
|                                     | 21,4  | 134,4            | 621,7                                 | 3,4                        | P L 95 3 134.4  | T 90S2  | 16,0                                      |
|                                     | 21,4  | 134,4            | 624,0                                 | 3,4                        | P L 95 3 134.4  | T 80C2  | 16,0                                      |
|                                     | 21,3  | 44,1             | 638,4                                 | 1,5                        | P - 90 2 44.1   | T 100A6 | 10,5                                      |
|                                     | 21,3  | 44,1             | 638,4                                 | 1,5                        | P - 90 2 44.1   | T 90LB6 | 10,5                                      |
|                                     | 21,2  | 44,3             | 641,3                                 | 3,7                        | P - 125 2 44.3  | T 100A6 | 21,0                                      |
|                                     | 21,2  | 67,4             | 627,8                                 | 2,8                        | P - 112 3 67.4  | T 90L4  | 11,8                                      |
|                                     | 21,1  | 136,8            | 632,8                                 | 1,7                        | P L 85 3 136.8  | T 90S2  | 11,0                                      |
|                                     | 21,0  | 44,7             | 647,2                                 | 2,8                        | P - 112 2 44.7  | T 100A6 | 16,5                                      |
|                                     | 21,0  | 44,7             | 647,3                                 | 0,7                        | P - 71 2 44.7   | T 100A6 | 7,5                                       |
|                                     | 21,0  | 44,7             | 647,3                                 | 0,7                        | P - 71 2 44.7   | T 90LB6 | 7,5                                       |
|                                     | 21,0  | 136,8            | 635,0                                 | 1,7                        | P L 85 3 136.8  | T 80C2  | 11,0                                      |
|                                     | 20,8  | 138,8            | 641,8                                 | 0,8                        | P L 65 3 138.8  | T 90S2  | 8,0                                       |
|                                     | 20,7  | 138,8            | 644,4                                 | 0,8                        | P L 65 3 138.8  | T 80C2  | 8,0                                       |
|                                     | 20,4  | 141,0            | 652,2                                 | 1,4                        | P - 90 3 141    | T 90S2  | 7,5                                       |
|                                     | 20,4  | 46,0             | 652,2                                 | 1,0                        | P L 65 3 46     | T 90LB6 | 8,0                                       |
|                                     | 20,4  | 46,0             | 652,2                                 | 1,0                        | P L 65 3 46     | T 100A6 | 8,0                                       |
|                                     | 20,4  | 141,0            | 654,7                                 | 1,4                        | P - 90 3 141    | T 80C2  | 7,5                                       |
|                                     | 20,3  | 70,6             | 657,8                                 | 1,4                        | P - 90 3 70.6   | T 90L4  | 7,5                                       |
|                                     | 20,0  | 46,9             | 664,8                                 | 3,4                        | P L 95 3 46.9   | T 90LB6 | 16,0                                      |
|                                     | 20,0  | 46,9             | 664,8                                 | 3,4                        | P L 95 3 46.9   | T 100A6 | 16,0                                      |
|                                     | 19,7  | 72,6             | 676,2                                 | 2,6                        | P - 112 3 72.6  | T 90L4  | 11,8                                      |
|                                     | 19,5  | 48,1             | 696,8                                 | 0,8                        | P - 80 2 48.14  | T 90LB6 | 7,5                                       |
|                                     | 19,5  | 48,1             | 696,8                                 | 0,8                        | P - 80 2 48.14  | T 100A6 | 7,5                                       |
| 19,5                                | 148,0   | 684,5            | 2,2                                   | P - 112 3 148              | T 90S2          | 11,8    |   |
| 19,4                                | 148,0   | 687,0            | 2,2                                   | P - 112 3 148              | T 80C2          | 11,8    |   |
| 19,3                                | 74,0  | 689,7            | 1,7                                   | P L 85 3 74                | T 90L4          | 11,0    |   |
| 19,3                                | 74,2  | 691,4            | 3,5                                   | P L 95 3 74.2              | T 90L4          | 16,0    |   |
| 19,3                                | 48,8  | 691,8            | 1,4                                   | P - 90 3 48.8              | T 90LB6         | 7,5     |   |
| 19,3                                | 48,8  | 691,8            | 1,4                                   | P - 90 3 48.8              | T 100A6         | 7,5     |   |
| 19,2                                | 48,9  | 708,1            | 2,6                                   | P - 112 2 48.9             | T 100A6         | 16,5    |   |
| 19,2                                | 74,4  | 693,4            | 0,9                                   | P L 65 3 74.4              | T 90L4          | 8,0     |   |
| 18,9                                | 152,8   | 706,8            | 0,8                                   | P L 65 3 152.8             | T 90S2          | 8,0     |   |
| 18,8                                | 152,8   | 709,3            | 0,8                                   | P L 65 3 152.8             | T 80C2          | 8,0     |   |
| 18,7                                | 76,3  | 710,9            | 1,3                                   | P - 90 3 76.3              | T 90L4          | 7,5     |   |
| 18,6                                | 155,2   | 717,7            | 1,3                                   | P - 90 3 155.2             | T 90S2          | 7,5     |   |
| 18,5                                | 155,2   | 720,7            | 1,3                                   | P - 90 3 155.2             | T 80C2          | 7,5     |   |
| 18,5                                | 50,9  | 736,8            | 1,3                                   | P - 90 2 50.9              | T 100A6         | 10,5    |   |
| 18,5                                | 50,9  | 736,8            | 1,3                                   | P - 90 2 50.9              | T 90LB6         | 10,5    |   |
| 18,4                                | 51,2  | 725,6            | 2,6                                   | P - 112 3 51.2             | T 90LB6         | 11,8    |   |
| 18,4                                | 51,2  | 725,6            | 2,6                                   | P - 112 3 51.2             | T 100A6         | 11,8    |   |
| 18,2                                | 78,5  | 731,2            | 2,4                                   | P - 112 3 78.5             | T 90L4          | 11,8    |   |
| 18,1                                | 158,9   | 735,3            | 2,9                                   | P L 95 3 158.9             | T 90S2          | 16,0    |   |
| 18,1                                | 158,9   | 737,7            | 2,8                                   | P L 95 3 158.9             | T 80C2          | 16,0    |   |
| 18,0                                | 160,0   | 740,1            | 1,5                                   | P L 85 3 160               | T 90S2          | 11,0    |   |
| 17,9                                | 160,0   | 742,4            | 1,5                                   | P L 85 3 160               | T 80C2          | 11,0    |   |
| 17,9                                | 79,8  | 751,4            | 4,0                                   | P L 105 3 79.8             | T 90L4          | 22,0    |   |
| 17,7                                | 53,1  | 768,8            | 3,1                                   | P - 125 2 53.1             | T 100A6         | 21,0    |   |
| 17,3                                | 54,3  | 769,5            | 0,8                                   | P L 65 3 54.3              | T 90LB6         | 8,0     |   |
| 17,3                                | 54,3  | 769,5            | 0,8                                   | P L 65 3 54.3              | T 100A6         | 8,0     |   |
| 17,3                                | 82,8  | 771,6            | 1,2                                   | P - 90 3 82.8              | T 90L4          | 7,5     |   |
| 17,3                                | 167,0   | 772,4            | 1,9                                   | P - 112 3 167              | T 90S2          | 11,8    |   |
| 17,2                                | 167,0   | 775,1            | 1,9                                   | P - 112 3 167              | T 80C2          | 11,8    |   |
| 17,2                                | 54,7  | 775,4            | 2,9                                   | P L 95 3 54.7              | T 90LB6         | 16,0    |   |
| 17,2                                | 54,7  | 775,4            | 2,9                                   | P L 95 3 54.7              | T 100A6         | 16,0    |   |
| 17,0                                | 55,2  | 782,3            | 1,2                                   | P - 90 3 55.2              | T 100A6         | 7,5     |   |
| 17,0                                | 55,2  | 782,3            | 1,2                                   | P - 90 3 55.2              | T 90LB6         | 7,5     |   |
| 17,0                                | 169,2   | 791,2            | 4,0                                   | P L 105 3 169.2            | T 90S2          | 22,0    |   |
| 17,0                                | 169,2   | 794,0            | 4,0                                   | P L 105 3 169.2            | T 80C2          | 22,0    |   |
| 16,8                                | 84,9  | 791,2            | 1,5                                   | P L 85 3 84.9              | T 90L4          | 11,0    |   |
| 16,7                                | 85,4  | 795,8            | 0,8                                   | P L 65 3 85.4              | T 90L4          | 8,0     |   |
| 16,7                                | 56,3  | 797,9            | 1,6                                   | P L 85 3 56.3              | T 100A6         | 11,0    |   |
| 16,7                                | 56,3  | 797,9            | 1,6                                   | P L 85 3 56.3              | T 90LB6         | 11,0    |   |
| 16,6                                | 86,0  | 801,1            | 3,0                                   | P L 95 3 86                | T 90L4          | 16,0    |   |
| 16,4                                | 87,3  | 813,4            | 2,2                                   | P - 112 3 87.3             | T 90L4          | 11,8    |   |
| 16,4                                | 87,4  | 823,0            | 3,8                                   | P L 105 3 87.4             | T 90L4          | 22,0    |   |
| 16,4                                | 57,5  | 832,4            | 2,9                                   | P - 125 2 57.5             | T 100A6         | 21,0    |   |
| 16,2                                | 178,1   | 823,8            | 1,1                                   | P - 90 3 178.1             | T 90S2          | 7,5     |   |
| 16,2                                | 178,1   | 826,8            | 1,1                                   | P - 90 3 178.1             | T 80C2          | 7,5     |   |

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|---------|---|
| 1,5                                 | 16,1  | 58,5             | 829,1                                | 2,2                        | P - 112 3 58.5  | T 90LB6 | 11,8                                      |
|                                     | 16,1  | 58,5             | 829,1                                | 2,2                        | P - 112 3 58.5  | T 100A6 | 11,8                                      |
|                                     | 15,8  | 90,6             | 853,3                                | 3,8                        | P L 105 3 90.6  | T 90L4  | 22,0                                      |
|                                     | 15,6  | 184,6            | 854,0                                | 1,3                        | P L 85 3 184.6  | T 90S2  | 11,0                                      |
|                                     | 15,6  | 185,2            | 866,0                                | 3,6                        | P L 105 3 185.2 | T 90S2  | 22,0                                      |
|                                     | 15,6  | 184,6            | 856,7                                | 1,3                        | P L 85 3 184.6  | T 80C2  | 11,0                                      |
|                                     | 15,5  | 185,6            | 830,7                                | 3,9                        | P E 125 185.62  | T 90S2  | 10,5                                      |
|                                     | 15,5  | 185,2            | 868,7                                | 3,6                        | P L 105 3 185.2 | T 80C2  | 22,0                                      |
|                                     | 15,5  | 185,6            | 833,9                                | 3,8                        | P E 125 185.62  | T 80C2  | 10,5                                      |
|                                     | 15,4  | 187,1            | 865,6                                | 2,4                        | P L 95 3 187.1  | T 90S2  | 16,0                                      |
|                                     | 15,3  | 187,1            | 868,5                                | 2,4                        | P L 95 3 187.1  | T 80C2  | 16,0                                      |
|                                     | 15,3  | 93,3             | 868,9                                | 1,0                        | P - 90 3 93.3   | T 90L4  | 7,5                                       |
|                                     | 15,3  | 93,6             | 871,8                                | 2,0                        | P - 112 3 93.6  | T 90L4  | 11,8                                      |
|                                     | 15,1  | 62,3             | 882,6                                | 1,1                        | P - 90 3 62.3   | T 90LB6 | 7,5                                       |
|                                     | 15,1  | 62,3             | 882,6                                | 1,1                        | P - 90 3 62.3   | T 100A6 | 7,5                                       |
|                                     | 15,0  | 191,5            | 885,8                                | 1,7                        | P - 112 3 191.5 | T 90S2  | 11,8                                      |
|                                     | 15,0  | 62,7             | 898,4                                | 3,5                        | P L 105 3 62.7  | T 90LB6 | 22,0                                      |
|                                     | 15,0  | 62,7             | 898,4                                | 3,5                        | P L 105 3 62.7  | T 100A6 | 22,0                                      |
|                                     | 15,0  | 62,7             | 888,8                                | 2,1                        | P - 112 3 62.7  | T 90LB6 | 11,8                                      |
|                                     | 15,0  | 62,7             | 888,8                                | 2,1                        | P - 112 3 62.7  | T 100A6 | 11,8                                      |
|                                     | 15,0  | 191,5            | 888,6                                | 1,7                        | P - 112 3 191.5 | T 80C2  | 11,8                                      |
|                                     | 14,7  | 63,9             | 905,7                                | 1,4                        | P L 85 3 63.9   | T 100A6 | 11,0                                      |
|                                     | 14,7  | 63,9             | 905,7                                | 1,4                        | P L 85 3 63.9   | T 90LB6 | 11,0                                      |
|                                     | 14,6  | 64,4             | 912,1                                | 0,7                        | P L 65 3 64.4   | T 90LB6 | 8,0                                       |
|                                     | 14,6  | 64,4             | 912,1                                | 0,7                        | P L 65 3 64.4   | T 100A6 | 8,0                                       |
|                                     | 14,6  | 98,0             | 913,2                                | 1,3                        | P L 85 3 98     | T 90L4  | 11,0                                      |
|                                     | 14,5  | 98,4             | 917,0                                | 2,6                        | P L 95 3 98.4   | T 90L4  | 16,0                                      |
|                                     | 14,4  | 199,5            | 922,7                                | 2,3                        | P L 95 3 199.5  | T 90S2  | 16,0                                      |
|                                     | 14,4  | 199,5            | 925,9                                | 2,3                        | P L 95 3 199.5  | T 80C2  | 16,0                                      |
|                                     | 14,4  | 65,4             | 927,0                                | 2,6                        | P L 95 3 65.4   | T 100A6 | 16,0                                      |
|                                     | 14,4  | 65,4             | 927,0                                | 2,6                        | P L 95 3 65.4   | T 90LB6 | 16,0                                      |
|                                     | 14,3  | 201,0            | 929,8                                | 1,0                        | P - 90 3 201    | T 90S2  | 7,5                                       |
|                                     | 14,3  | 201,0            | 933,0                                | 1,0                        | P - 90 3 201    | T 80C2  | 7,5                                       |
|                                     | 14,2  | 100,4            | 945,6                                | 3,5                        | P L 105 3 100.4 | T 90L4  | 22,0                                      |
|                                     | 14,2  | 100,6            | 937,5                                | 1,0                        | P - 90 3 100.6  | T 90L4  | 7,5                                       |
|                                     | 14,1  | 204,1            | 944,1                                | 1,1                        | P L 85 3 204.1  | T 90S2  | 11,0                                      |
|                                     | 14,1  | 204,1            | 947,4                                | 1,1                        | P L 85 3 204.1  | T 80C2  | 11,0                                      |
|                                     | 14,0  | 67,4             | 955,2                                | 1,9                        | P - 112 3 67.4  | T 100A6 | 11,8                                      |
|                                     | 14,0  | 67,4             | 955,2                                | 1,9                        | P - 112 3 67.4  | T 90LB6 | 11,8                                      |
|                                     | 13,6  | 212,6            | 951,4                                | 3,7                        | P E 132 212.62  | T 90S2  | 12,0                                      |
|                                     | 13,5  | 212,6            | 955,1                                | 3,7                        | P E 132 212.62  | T 80C2  | 12,0                                      |
|                                     | 13,5  | 214,0            | 989,6                                | 1,1                        | P L 85 3 214    | T 90S2  | 11,0                                      |
|                                     | 13,4  | 214,0            | 993,3                                | 1,1                        | P L 85 3 214    | T 80C2  | 11,0                                      |
|                                     | 13,3  | 70,6             | 1001,1                               | 0,9                        | P - 90 3 70.6   | T 90LB6 | 7,5                                       |
|                                     | 13,3  | 70,6             | 1001,1                               | 0,9                        | P - 90 3 70.6   | T 100A6 | 7,5                                       |
|                                     | 13,3  | 70,7             | 1012,4                               | 3,1                        | P L 105 3 70.7  | T 90LB6 | 22,0                                      |
|                                     | 13,3  | 70,7             | 1012,4                               | 3,1                        | P L 105 3 70.7  | T 100A6 | 22,0                                      |
|                                     | 13,2  | 108,4            | 1010,0                               | 1,7                        | P - 112 3 108.4 | T 90L4  | 11,8                                      |
|                                     | 13,1  | 108,9            | 1014,9                               | 0,9                        | P - 90 3 108.9  | T 90L4  | 7,5                                       |
|                                     | 13,0  | 220,9            | 1021,8                               | 1,5                        | P - 112 3 220.9 | T 90S2  | 11,8                                      |
| 13,0                                | 221,3   | 1024,1           | 2,1                                  | P L 95 3 221.3             | T 90S2          | 16,0    |   |
| 13,0                                | 220,9   | 1025,5           | 1,5                                  | P - 112 3 220.9            | T 80C2          | 11,8    |   |
| 13,0                                | 221,3   | 1027,1           | 2,0                                  | P L 95 3 221.3             | T 80C2          | 16,0    |   |
| 13,0                                | 72,6  | 1028,8           | 1,8                                  | P - 112 3 72.6             | T 90LB6         | 11,8    |   |
| 13,0                                | 72,6  | 1028,8           | 1,8                                  | P - 112 3 72.6             | T 100A6         | 11,8    |   |
| 12,9                                | 110,5   | 1040,6           | 3,2                                  | P L 105 3 110.5            | T 90L4          | 22,0    |   |
| 12,8                                | 224,4   | 1038,0           | 0,9                                  | P - 90 3 224.4             | T 90S2          | 7,5     |   |
| 12,8                                | 224,4   | 1042,0           | 0,9                                  | P - 90 3 224.4             | T 80C2          | 7,5     |   |
| 12,7                                | 74,0  | 1049,0           | 1,2                                  | P L 85 3 74                | T 100A6         | 11,0    |   |
| 12,7                                | 74,0  | 1049,0           | 1,2                                  | P L 85 3 74                | T 90LB6         | 11,0    |   |
| 12,7                                | 227,3   | 1017,6           | 3,1                                  | P E 125 227.28             | T 90S2          | 10,5    |   |
| 12,7                                | 74,2  | 1051,4           | 2,3                                  | P L 95 3 74.2              | T 100A6         | 16,0    |   |
| 12,7                                | 74,2  | 1051,4           | 2,3                                  | P L 95 3 74.2              | T 90LB6         | 16,0    |   |
| 12,6                                | 227,3   | 1020,8           | 3,1                                  | P E 125 227.28             | T 80C2          | 10,5    |   |
| 12,6                                | 113,5   | 1057,6           | 1,1                                  | P L 85 3 113.5             | T 90L4          | 11,0    |   |
| 12,3                                | 116,0   | 1080,4           | 2,2                                  | P L 95 3 116               | T 90L4          | 16,0    |   |
| 12,3                                | 76,3  | 1081,2           | 0,9                                  | P - 90 3 76.3              | T 100A6         | 7,5     |   |
| 12,3                                | 76,3  | 1081,2           | 0,9                                  | P - 90 3 76.3              | T 90LB6         | 7,5     |   |
| 12,3                                | 234,0   | 1047,3           | 3,3                                  | P E 132 234                | T 90S2          | 12,0    |   |
| 12,3                                | 234,0   | 1082,2           | 1,0                                  | P L 85 3 234               | T 90S2          | 11,0    |   |
| 12,3                                | 234,0   | 1051,7           | 3,3                                  | P E 132 234                | T 80C2          | 12,0    |   |
| 12,3                                | 234,0   | 1086,5           | 1,0                                  | P L 85 3 234               | T 80C2          | 11,0    |   |
| 12,2                                | 117,2   | 1091,9           | 1,6                                  | P - 112 3 117.2            | T 90L4          | 11,8    |   |
| 12,0                                | 78,5  | 1112,9           | 1,7                                  | P - 112 3 78.5             | T 90LB6         | 11,8    |   |
| 12,0                                | 78,5  | 1112,9           | 1,7                                  | P - 112 3 78.5             | T 100A6         | 11,8    |   |
| 12,0                                | 241,0   | 1115,0           | 1,3                                  | P - 112 3 241              | T 90S2          | 11,8    |   |
| 11,9                                | 241,0   | 1118,8           | 1,3                                  | P - 112 3 241              | T 80C2          | 11,8    |   |
| 11,8                                | 243,2   | 1125,0           | 1,9                                  | P L 95 3 243.2             | T 90S2          | 16,0    |   |
| 11,8                                | 243,2   | 1129,0           | 1,9                                  | P L 95 3 243.2             | T 80C2          | 16,0    |   |
| 11,8                                | 79,8  | 1143,1           | 2,9                                  | P L 105 3 79.8             | T 90LB6         | 22,0    |   |
| 11,8                                | 79,8  | 1143,1           | 2,9                                  | P L 105 3 79.8             | T 100A6         | 22,0    |   |
| 11,5                                | 251,2   | 1124,1           | 2,8                                  | P E 125 251.17             | T 90S2          | 10,5    |   |
| 11,4                                | 125,0   | 1164,7           | 0,8                                  | P - 90 3 125               | T 90L4          | 7,5     |   |
| 11,4                                | 251,2   | 1128,1           | 2,8                                  | P E 125 251.17             | T 80C2          | 10,5    |   |
| 11,4                                | 253,2   | 1171,7           | 0,8                                  | P - 90 3 253.2             | T 90S2          | 7,5     |   |
| 11,4                                | 82,8  | 1173,4           | 0,8                                  | P - 90 3 82.8              | T 90LB6         | 7,5     |   |
| 11,4                                | 82,8  | 1173,4           | 0,8                                  | P - 90 3 82.8              | T 100A6         | 7,5     |   |
| 11,3                                | 126,1   | 1187,4           | 2,9                                  | P L 105 3 126.1            | T 90L4          | 22,0    |   |
| 11,3                                | 253,2   | 1175,7           | 0,8                                  | P - 90 3 253.2             | T 80C2          | 7,5     |   |
| 11,2                                | 128,3   | 1194,8           | 1,5                                  | P - 112 3 128.3            | T 90L4          | 11,8    |   |
| 11,1                                | 84,9  | 1203,7           | 1,1                                  | P L 85 3 84.9              | T 90LB6         | 11,0    |   |
| 11,1                                | 84,9  | 1203,7           | 1,1                                  | P L 85 3 84.9              | T 100A6         | 11,0    |   |
| 11,1                                | 260,3   | 1165,6           | 3,0                                  | P E 132 260.34             | T 90S2          | 12,0    |   |
| 11,0                                | 260,3   | 1170,0           | 3,0                                  | P E 132 260.34             | T 80C2          | 12,0    |   |
| 10,9                                | 86,0  | 1218,7           | 2,0                                  | P L 95 3 86                | T 90LB6         | 16,0    |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 10.9                                | 86.0  | 1218.7           | 2.0                                   | P L 95 3 86                | T 100A6   | 16.0  |   |
| 10.8                                | 266.2   | 1231.4           | 1.7                                   | P L 95 3 266.2             | T 90S2  | 16.0  |   |
| 10.8                                | 266.2   | 1235.8           | 1.7                                   | P L 95 3 266.2             | T 80C2  | 16.0  |   |
| 10.8                                | 87.3  | 1237.3           | 1.5                                   | P - 112 3 87.3             | T 100A6   | 11.8  |   |
| 10.8                                | 87.3  | 1237.3           | 1.5                                   | P - 112 3 87.3             | T 90LB6   | 11.8  |   |
| 10.8                                | 87.4  | 1251.3           | 2.7                                   | P L 105 3 87.4             | T 90LB6   | 22.0  |   |
| 10.8                                | 87.4  | 1251.3           | 2.7                                   | P L 105 3 87.4             | T 100A6   | 22.0  |   |
| 10.7                                | 270.0   | 1249.0           | 0.9                                   | P L 85 3 270               | T 90S2  | 11.0  |   |
| 10.6                                | 134.4   | 1252.2           | 1.9                                   | P L 95 3 134.4             | T 90L4  | 16.0  |   |
| 10.6                                | 270.0   | 1252.9           | 0.9                                   | P L 85 3 270               | T 80C2  | 11.0  |   |
| 10.5                                | 273.5   | 1224.5           | 2.5                                   | P E 125 273.48             | T 90S2  | 10.5  |   |
| 10.5                                | 273.5   | 1229.2           | 2.4                                   | P E 125 273.48             | T 80C2  | 10.5  |   |
| 10.5                                | 136.8   | 1274.8           | 0.9                                   | P L 85 3 136.8             | T 90L4  | 11.0  |   |
| 10.4                                | 90.6  | 1297.1           | 2.7                                   | P L 105 3 90.6             | T 100A6   | 22.0  |   |
| 10.4                                | 90.6  | 1297.1           | 2.7                                   | P L 105 3 90.6             | T 90LB6   | 22.0  |   |
| 10.4                                | 278.1   | 1285.7           | 1.2                                   | P - 112 3 278.1            | T 90S2  | 11.8  |   |
| 10.3                                | 278.1   | 1290.9           | 1.2                                   | P - 112 3 278.1            | T 80C2  | 11.8  |   |
| 10.2                                | 139.9   | 1317.5           | 2.6                                   | P L 105 3 139.9            | T 90L4  | 22.0  |   |
| 10.1                                | 93.3  | 1321.1           | 0.7                                   | P - 90 3 93.3              | T 100A6   | 7.5   |   |
| 10.1                                | 93.3  | 1321.1           | 0.7                                   | P - 90 3 93.3              | T 90LB6   | 7.5   |   |
| 10.1                                | 286.5   | 1283.0           | 2.7                                   | P E 132 286.51             | T 90S2  | 12.0  |   |
| 10.0                                | 93.6  | 1326.7           | 1.4                                   | P - 112 3 93.6             | T 90LB6   | 11.8  |   |
| 10.0                                | 93.6  | 1326.7           | 1.4                                   | P - 112 3 93.6             | T 100A6   | 11.8  |   |
| 10.0                                | 286.5   | 1286.8           | 2.7                                   | P E 132 286.51             | T 80C2  | 12.0  |   |
| 9.7                                 | 148.0   | 1379.4           | 1.3                                   | P - 112 3 148              | T 90L4  | 11.8  |   |
| 9.6                                 | 98.0  | 1388.9           | 0.9                                   | P L 85 3 98                | T 90LB6   | 11.0  |   |
| 9.6                                 | 98.0  | 1388.9           | 0.9                                   | P L 85 3 98                | T 100A6   | 11.0  |   |
| 9.6                                 | 98.4  | 1394.8           | 1.7                                   | P L 95 3 98.4              | T 100A6   | 16.0  |   |
| 9.6                                 | 98.4  | 1394.8           | 1.7                                   | P L 95 3 98.4              | T 90LB6   | 16.0  |   |
| 9.4                                 | 151.5   | 1365.8           | 2.6                                   | P E 125 151.48             | T 90L4  | 10.5  |   |
| 9.4                                 | 100.4   | 1438.7           | 2.5                                   | P L 105 3 100.4            | T 100A6   | 22.0  |   |
| 9.4                                 | 100.4   | 1438.7           | 2.5                                   | P L 105 3 100.4            | T 90LB6   | 22.0  |   |
| 9.4                                 | 307.7   | 1377.3           | 2.3                                   | P E 125 307.71             | T 90S2  | 10.5  |   |
| 9.3                                 | 307.7   | 1381.7           | 2.3                                   | P E 125 307.71             | T 80C2  | 10.5  |   |
| 9.3                                 | 153.9   | 1449.6           | 2.4                                   | P L 105 3 153.9            | T 90L4  | 22.0  |   |
| 9.3                                 | 310.5   | 1389.4           | 3.9                                   | P E 150 310.47             | T 90S2  | 16.0  |   |
| 9.2                                 | 310.5   | 1395.3           | 3.9                                   | P E 150 310.47             | T 80C2  | 16.0  |   |
| 9.1                                 | 316.6   | 1416.6           | 2.5                                   | P E 132 316.62             | T 90S2  | 12.0  |   |
| 9.1                                 | 316.6   | 1423.1           | 2.5                                   | P E 132 316.62             | T 80C2  | 12.0  |   |
| 9.1                                 | 103.9   | 1488.0           | 3.6                                   | P L 115 3 103.9            | T 100A6   | 26.0  |   |
| 9.0                                 | 158.6   | 1429.3           | 2.8                                   | P E 132 158.56             | T 90L4  | 12.0  |   |
| 9.0                                 | 158.9   | 1480.3           | 1.6                                   | P L 95 3 158.9             | T 90L4  | 16.0  |   |
| 8.9                                 | 160.0   | 1490.1           | 0.8                                   | P L 85 3 160               | T 90L4  | 11.0  |   |
| 8.9                                 | 325.0   | 1455.3           | 3.7                                   | P E 150 325                | T 90S2  | 16.0  |   |
| 8.8                                 | 325.0   | 1460.0           | 3.7                                   | P E 150 325                | T 80C2  | 16.0  |   |
| 8.7                                 | 108.4   | 1536.3           | 1.2                                   | P - 112 3 108.4            | T 90LB6   | 11.8  |   |
| 8.7                                 | 108.4   | 1536.3           | 1.2                                   | P - 112 3 108.4            | T 100A6   | 11.8  |   |
| 8.6                                 | 167.0   | 1556.0           | 1.1                                   | P - 112 3 167              | T 90L4  | 11.8  |   |
| 8.5                                 | 110.5   | 1582.4           | 2.3                                   | P L 105 3 110.5            | T 90LB6   | 22.0  |   |
| 8.5                                 | 110.5   | 1582.4           | 2.3                                   | P L 105 3 110.5            | T 100A6   | 22.0  |   |
| 8.5                                 | 169.2   | 1593.3           | 2.2                                   | P L 105 3 169.2            | T 90L4  | 22.0  |   |
| 8.3                                 | 113.5   | 1608.9           | 0.8                                   | P L 85 3 113.5             | T 100A6   | 11.0  |   |
| 8.3                                 | 113.5   | 1608.9           | 0.8                                   | P L 85 3 113.5             | T 90LB6   | 11.0  |   |
| 8.2                                 | 173.5   | 1564.5           | 2.6                                   | P E 132 173.51             | T 90L4  | 12.0  |   |
| 8.2                                 | 114.3   | 1638.1           | 3.3                                   | P L 115 3 114.3            | T 100A6   | 26.0  |   |
| 8.2                                 | 350.3   | 1568.4           | 1.6                                   | P E 125 350.27             | T 90S2  | 10.5  |   |
| 8.2                                 | 350.3   | 1574.3           | 1.6                                   | P E 125 350.27             | T 80C2  | 10.5  |   |
| 8.2                                 | 352.5   | 1578.0           | 2.2                                   | P E 132 352.46             | T 90S2  | 12.0  |   |
| 8.1                                 | 352.5   | 1583.7           | 2.2                                   | P E 132 352.46             | T 80C2  | 12.0  |   |
| 8.1                                 | 116.0   | 1644.6           | 1.5                                   | P L 95 3 116               | T 100A6   | 16.0  |   |
| 8.1                                 | 116.0   | 1644.6           | 1.5                                   | P L 95 3 116               | T 90LB6   | 16.0  |   |
| 8.0                                 | 359.2   | 1607.5           | 3.4                                   | P E 150 359.17             | T 90S2  | 16.0  |   |
| 8.0                                 | 117.2   | 1660.7           | 1.1                                   | P - 112 3 117.2            | T 100A6   | 11.8  |   |
| 8.0                                 | 117.2   | 1660.7           | 1.1                                   | P - 112 3 117.2            | T 90LB6   | 11.8  |   |
| 8.0                                 | 359.2   | 1613.5           | 3.3                                   | P E 150 359.17             | T 80C2  | 16.0  |   |
| 7.8                                 | 121.2   | 1735.2           | 3.1                                   | P L 115 3 121.2            | T 100A6   | 26.0  |   |
| 7.7                                 | 185.2   | 1744.2           | 2.0                                   | P L 105 3 185.2            | T 90L4  | 22.0  |   |
| 7.7                                 | 185.6   | 1674.1           | 2.1                                   | P E 125 185.62             | T 90L4  | 10.5  |   |
| 7.6                                 | 187.1   | 1743.3           | 1.4                                   | P L 95 3 187.1             | T 90L4  | 16.0  |   |
| 7.6                                 | 380.8   | 1705.3           | 3.2                                   | P E 150 380.82             | T 90S2  | 16.0  |   |
| 7.5                                 | 380.8   | 1709.9           | 3.2                                   | P E 150 380.82             | T 80C2  | 16.0  |   |
| 7.5                                 | 383.9   | 1719.2           | 1.9                                   | P E 125 383.88             | T 90S2  | 10.5  |   |
| 7.5                                 | 191.0   | 1721.2           | 2.3                                   | P E 132 190.95             | T 90L4  | 12.0  |   |
| 7.5                                 | 383.9   | 1723.5           | 1.9                                   | P E 125 383.88             | T 80C2  | 10.5  |   |
| 7.5                                 | 191.5   | 1783.3           | 1.0                                   | P - 112 3 191.5            | T 90L4  | 11.8  |   |
| 7.5                                 | 126.1   | 1807.6           | 2.0                                   | P L 105 3 126.1            | T 100A6   | 22.0  |   |
| 7.5                                 | 126.1   | 1807.6           | 2.0                                   | P L 105 3 126.1            | T 90LB6   | 22.0  |   |
| 7.4                                 | 387.9   | 1737.3           | 2.0                                   | P E 132 387.9              | T 90S2  | 12.0  |   |
| 7.4                                 | 387.9   | 1742.4           | 2.0                                   | P E 132 387.9              | T 80C2  | 12.0  |   |
| 7.3                                 | 128.3   | 1817.6           | 1.0                                   | P - 112 3 128.3            | T 100A6   | 11.8  |   |
| 7.3                                 | 128.3   | 1817.6           | 1.0                                   | P - 112 3 128.3            | T 90LB6   | 11.8  |   |
| 7.2                                 | 199.5   | 1857.6           | 1.3                                   | P L 95 3 199.5             | T 90L4  | 16.0  |   |
| 7.0                                 | 134.4   | 1905.8           | 1.3                                   | P L 95 3 134.4             | T 100A6   | 16.0  |   |
| 7.0                                 | 134.4   | 1905.8           | 1.3                                   | P L 95 3 134.4             | T 90LB6   | 16.0  |   |
| 6.9                                 | 135.8   | 1945.7           | 2.8                                   | P L 115 3 135.8            | T 100A6   | 26.0  |   |
| 6.9                                 | 416.3   | 1863.4           | 1.7                                   | P E 125 416.28             | T 90S2  | 10.5  |   |
| 6.9                                 | 416.3   | 1871.3           | 1.7                                   | P E 125 416.28             | T 80C2  | 10.5  |   |
| 6.8                                 | 420.9   | 1885.0           | 2.9                                   | P E 150 420.86             | T 90S2  | 16.0  |   |
| 6.8                                 | 420.9   | 1890.3           | 2.9                                   | P E 150 420.86             | T 80C2  | 16.0  |   |
| 6.7                                 | 212.6   | 1915.7           | 2.1                                   | P E 132 212.62             | T 90L4  | 12.0  |   |
| 6.7                                 | 139.9   | 2004.0           | 1.8                                   | P L 105 3 139.9            | T 90LB6   | 22.0  |   |
| 6.7                                 | 139.9   | 2004.0           | 1.8                                   | P L 105 3 139.9            | T 100A6   | 22.0  |   |
| 6.6                                 | 216.6   | 1953.5           | 3.1                                   | P E 150 216.61             | T 90L4  | 16.0  |   |
| 6.6                                 | 439.7   | 1968.5           | 1.8                                   | P E 132 439.72             | T 90S2  | 12.0  |   |
| 6.5                                 | 439.7   | 1974.4           | 1.8                                   | P E 132 439.72             | T 80C2  | 12.0  |   |



1,5



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------|----------------------------|-----------------|---------|---|
| 1,5                                 | 6,5   | 220,9            | 2058,8                    | 0,9                        | P - 112 3 220,9 | T 90L4  | 11,8                                      |
|                                     | 6,5   | 221,3            | 2061,9                    | 1,2                        | P L 95 3 221,3  | T 90L4  | 16,0                                      |
|                                     | 6,4   | 148,0            | 2097,7                    | 0,9                        | P - 112 3 148   | T 100A6 | 11,8                                      |
|                                     | 6,4   | 148,0            | 2097,7                    | 0,9                        | P - 112 3 148   | T 90LB6 | 11,8                                      |
|                                     | 6,3   | 148,2            | 2123,8                    | 2,6                        | P L 115 3 148,2 | T 100A6 | 26,0                                      |
|                                     | 6,3   | 227,3            | 2050,0                    | 1,7                        | P E 125 227,28  | T 90L4  | 10,5                                      |
|                                     | 6,3   | 458,3            | 2052,7                    | 2,6                        | P E 150 458,31  | T 90S2  | 16,0                                      |
|                                     | 6,3   | 458,3            | 2059,5                    | 2,6                        | P E 150 458,31  | T 80C2  | 16,0                                      |
|                                     | 6,2   | 461,9            | 2069,9                    | 1,5                        | P E 125 461,93  | T 90S2  | 10,5                                      |
|                                     | 6,2   | 151,5            | 2075,9                    | 1,7                        | P E 125 151,48  | T 100A6 | 10,5                                      |
|                                     | 6,2   | 151,5            | 2075,9                    | 1,7                        | P E 125 151,48  | T 90LB6 | 10,5                                      |
|                                     | 6,2   | 461,9            | 2076,1                    | 1,5                        | P E 125 461,93  | T 80C2  | 10,5                                      |
|                                     | 6,1   | 234,0            | 2109,7                    | 1,9                        | P E 132 234     | T 90L4  | 12,0                                      |
|                                     | 6,1   | 153,9            | 2203,9                    | 1,7                        | P L 105 3 153,9 | T 100A6 | 22,0                                      |
|                                     | 6,1   | 153,9            | 2203,9                    | 1,7                        | P L 105 3 153,9 | T 90LB6 | 22,0                                      |
|                                     | 6,1   | 155,1            | 2222,1                    | 3,7                        | P L 125 3 155,1 | T 100A6 | 33,0                                      |
|                                     | 6,0   | 483,2            | 2163,1                    | 3,7                        | P E 170 483,23  | T 90S2  | 21,0                                      |
|                                     | 6,0   | 483,9            | 2166,7                    | 1,6                        | P E 132 483,92  | T 90S2  | 12,0                                      |
|                                     | 5,9   | 483,2            | 2170,4                    | 3,7                        | P E 170 483,23  | T 80C2  | 21,0                                      |
|                                     | 5,9   | 158,6            | 2173,9                    | 1,8                        | P E 132 158,56  | T 90LB6 | 12,0                                      |
|                                     | 5,9   | 158,6            | 2173,9                    | 1,8                        | P E 132 158,56  | T 100A6 | 12,0                                      |
|                                     | 5,9   | 483,9            | 2173,9                    | 1,6                        | P E 132 483,92  | T 80C2  | 12,0                                      |
|                                     | 5,9   | 241,0            | 2247,4                    | 0,8                        | P - 112 3 241   | T 90L4  | 11,8                                      |
|                                     | 5,9   | 158,9            | 2250,0                    | 1,1                        | P L 95 3 158,9  | T 90LB6 | 16,0                                      |
|                                     | 5,9   | 158,9            | 2250,0                    | 1,1                        | P L 95 3 158,9  | T 100A6 | 16,0                                      |
|                                     | 5,9   | 243,2            | 2265,6                    | 1,1                        | P L 95 3 243,2  | T 90L4  | 16,0                                      |
|                                     | 5,8   | 163,1            | 2337,8                    | 2,3                        | P L 115 3 163,1 | T 100A6 | 26,0                                      |
|                                     | 5,7   | 501,5            | 2246,3                    | 2,4                        | P E 150 501,52  | T 90S2  | 16,0                                      |
|                                     | 5,7   | 501,5            | 2253,8                    | 2,4                        | P E 150 501,52  | T 80C2  | 16,0                                      |
|                                     | 5,7   | 251,2            | 2265,9                    | 1,5                        | P E 125 251,17  | T 90L4  | 10,5                                      |
|                                     | 5,6   | 167,0            | 2366,4                    | 0,8                        | P - 112 3 167   | T 90LB6 | 11,8                                      |
|                                     | 5,6   | 167,0            | 2366,4                    | 0,8                        | P - 112 3 167   | T 100A6 | 11,8                                      |
|                                     | 5,6   | 169,2            | 2422,2                    | 1,6                        | P L 105 3 169,2 | T 90LB6 | 22,0                                      |
|                                     | 5,6   | 169,2            | 2422,2                    | 1,6                        | P L 105 3 169,2 | T 100A6 | 22,0                                      |
|                                     | 5,5   | 520,0            | 2327,1                    | 3,5                        | P E 170 520,04  | T 90S2  | 21,0                                      |
|                                     | 5,5   | 519,6            | 2326,7                    | 1,4                        | P E 125 519,6   | T 90S2  | 10,5                                      |
|                                     | 5,5   | 520,0            | 2335,6                    | 3,5                        | P E 170 520,04  | T 80C2  | 21,0                                      |
|                                     | 5,5   | 519,6            | 2335,8                    | 1,4                        | P E 125 519,6   | T 80C2  | 10,5                                      |
|                                     | 5,5   | 170,7            | 2443,7                    | 3,3                        | P L 125 3 170,7 | T 100A6 | 33,0                                      |
|                                     | 5,5   | 260,3            | 2348,3                    | 1,7                        | P E 132 260,34  | T 90L4  | 12,0                                      |
|                                     | 5,5   | 524,8            | 2347,9                    | 1,5                        | P E 132 524,76  | T 90S2  | 12,0                                      |
|                                     | 5,5   | 524,8            | 2357,4                    | 1,5                        | P E 132 524,76  | T 80C2  | 12,0                                      |
|                                     | 5,4   | 173,5            | 2379,1                    | 1,7                        | P E 132 173,51  | T 90LB6 | 12,0                                      |
|                                     | 5,4   | 173,5            | 2379,1                    | 1,7                        | P E 132 173,51  | T 100A6 | 12,0                                      |
| 5,4                                 | 265,4   | 2391,7           | 2,5                       | P E 150 265,44             | T 90L4          | 16,0    |   |
| 5,4                                 | 266,2   | 2481,0           | 1,0                       | P L 95 3 266,2             | T 90L4          | 16,0    |   |
| 5,3                                 | 268,8   | 2423,3           | 3,7                       | P E 170 268,78             | T 90L4          | 21,0    |   |
| 5,3                                 | 543,9   | 2432,8           | 1,4                       | P E 132 543,89             | T 90S2          | 12,0    |   |
| 5,3                                 | 543,9   | 2441,9           | 1,4                       | P E 132 543,89             | T 80C2          | 12,0    |   |
| 5,3                                 | 549,0   | 2456,0           | 2,2                       | P E 150 548,95             | T 90S2          | 16,0    |   |
| 5,2                                 | 549,0   | 2465,0           | 2,2                       | P E 150 548,95             | T 80C2          | 16,0    |   |
| 5,2                                 | 273,5   | 2465,3           | 1,3                       | P E 125 273,48             | T 90L4          | 10,5    |   |
| 5,2                                 | 559,2   | 2503,6           | 3,2                       | P E 170 559,19             | T 90S2          | 21,0    |   |
| 5,1                                 | 559,2   | 2512,9           | 3,2                       | P E 170 559,19             | T 80C2          | 21,0    |   |
| 5,1                                 | 280,9   | 2533,1           | 2,4                       | P E 150 280,94             | T 90L4          | 16,0    |   |
| 5,1                                 | 185,2   | 2650,2           | 1,4                       | P L 105 3 185,2            | T 90LB6         | 22,0    |   |
| 5,1                                 | 185,2   | 2650,2           | 1,4                       | P L 105 3 185,2            | T 100A6         | 22,0    |   |
| 5,1                                 | 185,6   | 2547,3           | 1,4                       | P E 125 185,62             | T 100A6         | 10,5    |   |
| 5,1                                 | 185,6   | 2547,3           | 1,4                       | P E 125 185,62             | T 90LB6         | 10,5    |   |
| 5,0                                 | 187,1   | 2652,9           | 0,9                       | P L 95 3 187,1             | T 100A6         | 16,0    |   |
| 5,0                                 | 187,1   | 2652,9           | 0,9                       | P L 95 3 187,1             | T 90LB6         | 16,0    |   |
| 5,0                                 | 286,5   | 2584,0           | 1,5                       | P E 132 286,51             | T 90L4          | 12,0    |   |
| 5,0                                 | 189,1   | 2709,1           | 3,0                       | P L 125 3 189,1            | T 100A6         | 33,0    |   |
| 5,0                                 | 580,5   | 2599,5           | 1,0                       | P E 125 580,52             | T 90S2          | 10,5    |   |
| 4,9                                 | 190,3   | 2725,6           | 2,0                       | P L 115 3 190,3            | T 100A6         | 26,0    |   |
| 4,9                                 | 580,5   | 2609,5           | 1,0                       | P E 125 580,52             | T 80C2          | 10,5    |   |
| 4,9                                 | 191,0   | 2620,1           | 1,5                       | P E 132 190,95             | T 90LB6         | 12,0    |   |
| 4,9                                 | 191,0   | 2620,1           | 1,5                       | P E 132 190,95             | T 100A6         | 12,0    |   |
| 4,8                                 | 595,3   | 2663,6           | 2,0                       | P E 150 595,28             | T 90S2          | 16,0    |   |
| 4,8                                 | 595,2   | 2663,6           | 1,3                       | P E 132 595,18             | T 90S2          | 12,0    |   |
| 4,8                                 | 595,3   | 2675,0           | 2,0                       | P E 150 595,28             | T 80C2          | 16,0    |   |
| 4,8                                 | 595,2   | 2674,5           | 1,3                       | P E 132 595,18             | T 80C2          | 12,0    |   |
| 4,8                                 | 606,4   | 2714,5           | 3,0                       | P E 170 606,41             | T 90S2          | 21,0    |   |
| 4,7                                 | 302,0   | 2720,1           | 3,3                       | P E 170 301,96             | T 90L4          | 21,0    |   |
| 4,7                                 | 606,4   | 2725,4           | 3,0                       | P E 170 606,41             | T 80C2          | 21,0    |   |
| 4,7                                 | 199,5   | 2828,0           | 0,8                       | P L 95 3 199,5             | T 100A6         | 16,0    |   |
| 4,7                                 | 199,5   | 2828,0           | 0,8                       | P L 95 3 199,5             | T 90LB6         | 16,0    |   |
| 4,7                                 | 307,7   | 2771,9           | 1,3                       | P E 125 307,71             | T 90L4          | 10,5    |   |
| 4,6                                 | 310,5   | 2796,8           | 2,1                       | P E 150 310,47             | T 90L4          | 16,0    |   |
| 4,6                                 | 625,2   | 2797,2           | 1,1                       | P E 125 625,23             | T 90S2          | 10,5    |   |
| 4,6                                 | 625,2   | 2808,7           | 1,1                       | P E 125 625,23             | T 80C2          | 10,5    |   |
| 4,5                                 | 316,6   | 2851,7           | 1,4                       | P E 132 316,62             | T 90L4          | 12,0    |   |
| 4,5                                 | 643,2   | 2877,4           | 1,9                       | P E 150 643,23             | T 90S2          | 16,0    |   |
| 4,5                                 | 210,3   | 3012,2           | 1,8                       | P L 115 3 210,3            | T 100A6         | 26,0    |   |
| 4,5                                 | 643,2   | 2890,8           | 1,9                       | P E 150 643,23             | T 80C2          | 16,0    |   |
| 4,4                                 | 649,0   | 2903,9           | 2,8                       | P E 170 649                | T 90S2          | 21,0    |   |
| 4,4                                 | 648,4   | 2903,8           | 1,1                       | P E 125 648,43             | T 90S2          | 10,5    |   |
| 4,4                                 | 648,4   | 2910,9           | 1,1                       | P E 125 648,43             | T 80C2          | 10,5    |   |
| 4,4                                 | 649,0   | 2917,2           | 2,8                       | P E 170 649                | T 80C2          | 21,0    |   |
| 4,4                                 | 212,6   | 2916,9           | 1,4                       | P E 132 212,62             | T 90LB6         | 12,0    |   |
| 4,4                                 | 212,6   | 2916,9           | 1,4                       | P E 132 212,62             | T 100A6         | 12,0    |   |
| 4,4                                 | 325,0   | 2929,7           | 2,0                       | P E 150 325                | T 90L4          | 16,0    |   |
| 4,4                                 | 655,0   | 2929,7           | 1,2                       | P E 132 655,01             | T 90S2          | 12,0    |   |
| 4,4                                 | 655,0   | 2942,8           | 1,2                       | P E 132 655,01             | T 80C2          | 12,0    |   |
| 4,4                                 | 215,0   | 2950,2           | 3,1                       | P E 170 215,02             | T 90LB6         | 21,0    |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|

|     |       |        |        |                 |                 |         |      |
|-----|-------|--------|--------|-----------------|-----------------|---------|------|
| 1,5 | 4.4   | 215.0  | 2950.2 | 3.1             | P E 170 215.02  | T 100A6 | 21.0 |
|     | 4.4   | 660.4  | 2956.8 | 3.9             | P E 190 660.37  | T 90S2  | 27.0 |
|     | 4.4   | 660.4  | 2963.9 | 3.9             | P E 190 660.37  | T 80C2  | 27.0 |
|     | 4.3   | 216.6  | 2970.3 | 2.0             | P E 150 216.61  | T 100A6 | 16.0 |
|     | 4.3   | 216.6  | 2970.3 | 2.0             | P E 150 216.61  | T 90LB6 | 16.0 |
|     | 4.3   | 330.6  | 2977.5 | 3.0             | P E 170 330.6   | T 90L4  | 21.0 |
|     | 4.3   | 221.3  | 3135.9 | 0.8             | P L 95 3 221.3  | T 90LB6 | 16.0 |
|     | 4.3   | 221.3  | 3135.9 | 0.8             | P L 95 3 221.3  | T 100A6 | 16.0 |
|     | 4.1   | 227.3  | 3113.9 | 1.1             | P E 125 227.28  | T 90LB6 | 10.5 |
|     | 4.1   | 227.3  | 3113.9 | 1.1             | P E 125 227.28  | T 100A6 | 10.5 |
|     | 4.1   | 697.9  | 3121.8 | 2.6             | P E 170 697.85  | T 90S2  | 21.0 |
|     | 4.1   | 697.5  | 3121.4 | 1.7             | P E 150 697.51  | T 90S2  | 16.0 |
|     | 4.1   | 347.4  | 3129.2 | 4.0             | P E 190 347.35  | T 90L4  | 27.0 |
|     | 4.1   | 697.9  | 3137.1 | 2.6             | P E 170 697.85  | T 80C2  | 21.0 |
|     | 4.1   | 697.5  | 3137.1 | 1.7             | P E 150 697.51  | T 80C2  | 16.0 |
|     | 4.1   | 229.4  | 3284.8 | 1.7             | P L 115 3 229.4 | T 100A6 | 26.0 |
|     | 4.1   | 704.9  | 3152.4 | 3.6             | P E 190 704.94  | T 90S2  | 27.0 |
|     | 4.1   | 350.3  | 3159.1 | 0.9             | P E 125 350.27  | T 90L4  | 10.5 |
|     | 4.1   | 704.9  | 3167.5 | 3.6             | P E 190 704.94  | T 80C2  | 27.0 |
|     | 4.1   | 352.5  | 3176.3 | 1.3             | P E 132 352.46  | T 90L4  | 12.0 |
|     | 4.0   | 234.0  | 3206.8 | 1.2             | P E 132 234     | T 90LB6 | 12.0 |
|     | 4.0   | 234.0  | 3206.8 | 1.2             | P E 132 234     | T 100A6 | 12.0 |
|     | 4.0   | 357.1  | 3223.3 | 3.9             | P E 190 357.1   | T 90L4  | 27.0 |
|     | 4.0   | 357.1  | 3223.5 | 2.8             | P E 170 357.1   | T 90L4  | 21.0 |
|     | 4.0   | 359.2  | 3239.7 | 1.9             | P E 150 359.17  | T 90L4  | 16.0 |
|     | 4.0   | 724.6  | 3248.3 | 0.9             | P E 125 724.6   | T 90S2  | 10.5 |
|     | 4.0   | 724.6  | 3255.8 | 0.9             | P E 125 724.6   | T 80C2  | 10.5 |
|     | 3.9   | 743.0  | 3322.4 | 1.6             | P E 150 743.02  | T 90S2  | 16.0 |
|     | 3.9   | 742.8  | 3322.8 | 1.1             | P E 132 742.75  | T 90S2  | 12.0 |
|     | 3.9   | 743.0  | 3340.2 | 1.6             | P E 150 743.02  | T 80C2  | 16.0 |
|     | 3.9   | 742.8  | 3339.7 | 1.0             | P E 132 742.75  | T 80C2  | 12.0 |
|     | 3.8   | 246.9  | 3383.9 | 3.7             | P E 190 246.94  | T 100A6 | 27.0 |
|     | 3.8   | 246.9  | 3383.9 | 3.7             | P E 190 246.94  | T 90LB6 | 27.0 |
|     | 3.8   | 756.8  | 3383.7 | 3.4             | P E 190 756.78  | T 90S2  | 27.0 |
|     | 3.8   | 246.9  | 3383.5 | 2.7             | P E 170 246.94  | T 90LB6 | 21.0 |
|     | 3.8   | 246.9  | 3383.5 | 2.7             | P E 170 246.94  | T 100A6 | 21.0 |
|     | 3.8   | 756.8  | 3383.5 | 2.4             | P E 170 756.78  | T 90S2  | 21.0 |
|     | 3.8   | 756.8  | 3401.7 | 3.4             | P E 190 756.78  | T 80C2  | 27.0 |
|     | 3.8   | 377.5  | 3401.4 | 2.6             | P E 170 377.45  | T 90L4  | 21.0 |
|     | 3.8   | 756.8  | 3401.5 | 2.4             | P E 170 756.78  | T 80C2  | 21.0 |
|     | 3.8   | 380.8  | 3428.6 | 1.8             | P E 150 380.82  | T 90L4  | 16.0 |
|     | 3.8   | 766.5  | 3429.3 | 1.6             | P E 150 766.52  | T 90S2  | 16.0 |
|     | 3.7   | 766.5  | 3446.8 | 1.6             | P E 150 766.52  | T 80C2  | 16.0 |
|     | 3.7   | 251.2  | 3447.1 | 1.0             | P E 125 251.17  | T 90LB6 | 10.5 |
|     | 3.7   | 251.2  | 3447.1 | 1.0             | P E 125 251.17  | T 100A6 | 10.5 |
|     | 3.7   | 383.9  | 3456.2 | 1.0             | P E 125 383.88  | T 90L4  | 10.5 |
|     | 3.7   | 387.9  | 3494.5 | 1.1             | P E 132 387.9   | T 90L4  | 12.0 |
|     | 3.7   | 780.3  | 3493.4 | 0.9             | P E 125 780.26  | T 90S2  | 10.5 |
|     | 3.7   | 388.9  | 3503.4 | 3.6             | P E 190 388.88  | T 90L4  | 27.0 |
|     | 3.7   | 780.3  | 3503.6 | 0.9             | P E 125 780.26  | T 80C2  | 10.5 |
| 3.6 | 260.3 | 3571.4 | 1.1    | P E 132 260.34  | T 90LB6         | 12.0    |      |
| 3.6 | 260.3 | 3571.4 | 1.1    | P E 132 260.34  | T 100A6         | 12.0    |      |
| 3.6 | 811.3 | 3631.2 | 2.2    | P E 170 811.25  | T 90S2          | 21.0    |      |
| 3.5 | 811.3 | 3642.1 | 2.2    | P E 170 811.25  | T 80C2          | 21.0    |      |
| 3.5 | 265.4 | 3642.3 | 1.6    | P E 150 265.44  | T 90LB6         | 16.0    |      |
| 3.5 | 265.4 | 3642.3 | 1.6    | P E 150 265.44  | T 100A6         | 16.0    |      |
| 3.5 | 817.4 | 3663.6 | 1.0    | P E 132 817.42  | T 90S2          | 12.0    |      |
| 3.5 | 267.7 | 3835.6 | 1.4    | P L 115 3 267.7 | T 100A6         | 26.0    |      |
| 3.5 | 817.4 | 3673.9 | 1.0    | P E 132 817.42  | T 80C2          | 12.0    |      |
| 3.5 | 268.9 | 3683.7 | 3.4    | P E 190 268.91  | T 100A6         | 27.0    |      |
| 3.5 | 268.9 | 3683.7 | 3.4    | P E 190 268.91  | T 90LB6         | 27.0    |      |
| 3.5 | 268.8 | 3683.5 | 2.4    | P E 170 268.78  | T 90LB6         | 21.0    |      |
| 3.5 | 268.8 | 3683.5 | 2.4    | P E 170 268.78  | T 100A6         | 21.0    |      |
| 3.5 | 824.1 | 3693.8 | 3.1    | P E 190 824.12  | T 90S2          | 27.0    |      |
| 3.5 | 409.3 | 3694.6 | 2.4    | P E 170 409.33  | T 90L4          | 21.0    |      |
| 3.5 | 824.1 | 3704.9 | 3.1    | P E 190 824.12  | T 80C2          | 27.0    |      |
| 3.5 | 831.2 | 3725.9 | 1.4    | P E 150 831.21  | T 90S2          | 16.0    |      |
| 3.5 | 831.2 | 3736.2 | 1.4    | P E 150 831.21  | T 80C2          | 16.0    |      |
| 3.4 | 416.3 | 3747.3 | 0.9    | P E 125 416.28  | T 90L4          | 10.5    |      |
| 3.4 | 273.5 | 3747.1 | 0.9    | P E 125 273.48  | T 90LB6         | 10.5    |      |
| 3.4 | 273.5 | 3747.1 | 0.9    | P E 125 273.48  | T 100A6         | 10.5    |      |
| 3.4 | 420.9 | 3792.7 | 1.6    | P E 150 420.86  | T 90L4          | 16.0    |      |
| 3.4 | 425.6 | 3836.7 | 3.3    | P E 190 425.55  | T 90L4          | 27.0    |      |
| 3.4 | 280.9 | 3847.8 | 1.6    | P E 150 280.94  | T 90LB6         | 16.0    |      |
| 3.4 | 280.9 | 3847.8 | 1.6    | P E 150 280.94  | T 100A6         | 16.0    |      |
| 3.3 | 870.6 | 3894.2 | 1.4    | P E 150 870.64  | T 90S2          | 16.0    |      |
| 3.3 | 870.6 | 3907.4 | 1.4    | P E 150 870.64  | T 80C2          | 16.0    |      |
| 3.3 | 286.5 | 3931.8 | 1.0    | P E 132 286.51  | T 100A6         | 12.0    |      |
| 3.3 | 286.5 | 3931.8 | 1.0    | P E 132 286.51  | T 90LB6         | 12.0    |      |
| 3.3 | 879.8 | 3942.9 | 2.9    | P E 190 879.75  | T 90S2          | 27.0    |      |
| 3.3 | 879.8 | 3942.2 | 2.1    | P E 170 879.75  | T 90S2          | 21.0    |      |
| 3.3 | 879.8 | 3954.6 | 2.9    | P E 190 879.75  | T 80C2          | 27.0    |      |
| 3.3 | 879.8 | 3955.1 | 2.0    | P E 170 879.75  | T 80C2          | 21.0    |      |
| 3.3 | 439.7 | 3965.6 | 1.0    | P E 132 439.72  | T 90L4          | 12.0    |      |
| 3.2 | 290.0 | 4155.7 | 1.3    | P L 115 3 290   | T 100A6         | 26.0    |      |
| 3.2 | 291.5 | 4003.8 | 3.1    | P E 190 291.48  | T 100A6         | 27.0    |      |
| 3.2 | 291.5 | 4003.8 | 3.1    | P E 190 291.48  | T 90LB6         | 27.0    |      |
| 3.2 | 445.6 | 4016.7 | 2.2    | P E 170 445.6   | T 90L4          | 21.0    |      |
| 3.2 | 448.2 | 4041.8 | 3.1    | P E 190 448.15  | T 90L4          | 27.0    |      |
| 3.2 | 905.7 | 4054.1 | 0.9    | P E 132 905.66  | T 90S2          | 12.0    |      |
| 3.2 | 904.3 | 4054.1 | 0.7    | P E 125 904.27  | T 90S2          | 10.5    |      |
| 3.2 | 905.7 | 4066.6 | 0.9    | P E 132 905.66  | T 80C2          | 12.0    |      |
| 3.2 | 904.3 | 4068.7 | 0.7    | P E 125 904.27  | T 80C2          | 10.5    |      |
| 3.1 | 458.3 | 4132.2 | 1.5    | P E 150 458.31  | T 90L4          | 16.0    |      |
| 3.1 | 302.5 | 4145.5 | 3.0    | P E 190 302.51  | T 100A6         | 27.0    |      |



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | Ptn<br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|-----------------|---------|-------------------------------|
| 1,5                                 | 3,1   | 302,5            | 4145,5                   | 3,0                        | P E 190 302,51  | T 90LB6 | 27,0                          |
|                                     | 3,1   | 302,0            | 4144,9                   | 2,2                        | P E 170 301,96  | T 100A6 | 21,0                          |
|                                     | 3,1   | 302,0            | 4144,9                   | 2,2                        | P E 170 301,96  | T 90LB6 | 21,0                          |
|                                     | 3,1   | 461,9            | 4160,1                   | 0,8                        | P E 125 461,93  | T 90L4  | 10,5                          |
|                                     | 3,1   | 307,7            | 4227,1                   | 0,8                        | P E 125 307,71  | T 100A6 | 10,5                          |
|                                     | 3,1   | 307,7            | 4227,1                   | 0,8                        | P E 125 307,71  | T 90LB6 | 10,5                          |
|                                     | 3,0   | 948,1            | 4240,8                   | 1,3                        | P E 150 948,12  | T 90S2  | 16,0                          |
|                                     | 3,0   | 310,5            | 4255,3                   | 1,4                        | P E 150 310,47  | T 100A6 | 16,0                          |
|                                     | 3,0   | 310,5            | 4255,3                   | 1,4                        | P E 150 310,47  | T 90LB6 | 16,0                          |
|                                     | 3,0   | 948,1            | 4254,2                   | 1,3                        | P E 150 948,12  | T 80C2  | 16,0                          |
|                                     | 3,0   | 958,0            | 4283,6                   | 2,7                        | P E 190 958,04  | T 90S2  | 27,0                          |
|                                     | 3,0   | 958,0            | 4297,5                   | 2,7                        | P E 190 958,04  | T 80C2  | 27,0                          |
|                                     | 3,0   | 316,6            | 4341,5                   | 0,9                        | P E 132 316,62  | T 90LB6 | 12,0                          |
|                                     | 3,0   | 316,6            | 4341,5                   | 0,9                        | P E 132 316,62  | T 100A6 | 12,0                          |
|                                     | 3,0   | 317,4            | 4355,4                   | 2,9                        | P E 190 317,42  | T 90LB6 | 27,0                          |
|                                     | 3,0   | 483,2            | 4355,4                   | 2,9                        | P E 190 483,23  | T 90L4  | 27,0                          |
|                                     | 3,0   | 317,4            | 4355,4                   | 2,9                        | P E 190 317,42  | T 100A6 | 27,0                          |
|                                     | 3,0   | 483,2            | 4356,2                   | 2,1                        | P E 170 483,23  | T 90L4  | 21,0                          |
|                                     | 3,0   | 483,9            | 4354,1                   | 0,9                        | P E 132 483,92  | T 90L4  | 12,0                          |
|                                     | 2,9   | 981,4            | 4400,6                   | 1,8                        | P E 170 981,35  | T 90S2  | 21,0                          |
|                                     | 2,9   | 981,4            | 4415,0                   | 1,8                        | P E 170 981,35  | T 80C2  | 21,0                          |
|                                     | 2,9   | 325,0            | 4462,1                   | 1,3                        | P E 150 325     | T 90LB6 | 16,0                          |
|                                     | 2,9   | 325,0            | 4462,1                   | 1,3                        | P E 150 325     | T 100A6 | 16,0                          |
|                                     | 2,9   | 329,4            | 4523,5                   | 2,8                        | P E 190 329,43  | T 90LB6 | 27,0                          |
|                                     | 2,9   | 329,4            | 4523,5                   | 2,8                        | P E 190 329,43  | T 100A6 | 27,0                          |
|                                     | 2,9   | 501,5            | 4522,6                   | 1,3                        | P E 150 501,52  | T 90L4  | 16,0                          |
|                                     | 2,8   | 330,6            | 4539,3                   | 2,0                        | P E 170 330,6   | T 100A6 | 21,0                          |
|                                     | 2,8   | 330,6            | 4539,3                   | 2,0                        | P E 170 330,6   | T 90LB6 | 21,0                          |
|                                     | 2,8   | 1037,5           | 4636,5                   | 1,2                        | P E 150 1037,52 | T 90S2  | 16,0                          |
|                                     | 2,8   | 1037,5           | 4655,2                   | 1,2                        | P E 150 1037,52 | T 80C2  | 16,0                          |
|                                     | 2,8   | 520,0            | 4687,5                   | 1,9                        | P E 170 520,04  | T 90L4  | 21,0                          |
|                                     | 2,8   | 519,6            | 4687,5                   | 0,7                        | P E 125 519,6   | T 90L4  | 10,5                          |
|                                     | 2,7   | 524,8            | 4720,7                   | 0,8                        | P E 132 524,76  | T 90L4  | 12,0                          |
|                                     | 2,7   | 526,2            | 4739,6                   | 2,6                        | P E 190 526,24  | T 90L4  | 27,0                          |
|                                     | 2,7   | 347,4            | 4757,7                   | 2,6                        | P E 190 347,35  | T 100A6 | 27,0                          |
|                                     | 2,7   | 347,4            | 4757,7                   | 2,6                        | P E 190 347,35  | T 90LB6 | 27,0                          |
|                                     | 2,7   | 1064,2           | 4757,3                   | 2,4                        | P E 190 1064,22 | T 90S2  | 27,0                          |
|                                     | 2,7   | 1064,2           | 4757,2                   | 1,7                        | P E 170 1064,22 | T 90S2  | 21,0                          |
|                                     | 2,7   | 1064,2           | 4774,4                   | 2,4                        | P E 190 1064,22 | T 80C2  | 27,0                          |
|                                     | 2,7   | 1064,2           | 4774,1                   | 1,7                        | P E 170 1064,22 | T 80C2  | 21,0                          |
|                                     | 2,7   | 352,5            | 4827,0                   | 0,8                        | P E 132 352,46  | T 90LB6 | 12,0                          |
|                                     | 2,7   | 352,5            | 4827,0                   | 0,8                        | P E 132 352,46  | T 100A6 | 12,0                          |
|                                     | 2,6   | 357,1            | 4902,0                   | 2,6                        | P E 190 357,1   | T 90LB6 | 27,0                          |
|                                     | 2,6   | 357,1            | 4902,0                   | 2,6                        | P E 190 357,1   | T 100A6 | 27,0                          |
|                                     | 2,6   | 357,1            | 4902,0                   | 1,8                        | P E 170 357,1   | T 100A6 | 21,0                          |
|                                     | 2,6   | 357,1            | 4902,0                   | 1,8                        | P E 170 357,1   | T 90LB6 | 21,0                          |
|                                     | 2,6   | 543,9            | 4902,0                   | 0,8                        | P E 132 543,89  | T 90L4  | 12,0                          |
|                                     | 2,6   | 359,2            | 4920,7                   | 1,2                        | P E 150 359,17  | T 100A6 | 16,0                          |
|                                     | 2,6   | 359,2            | 4920,7                   | 1,2                        | P E 150 359,17  | T 90LB6 | 16,0                          |
|                                     | 2,6   | 549,0            | 4958,7                   | 1,2                        | P E 150 548,95  | T 90L4  | 16,0                          |
| 2,6                                 | 559,2   | 5035,4           | 1,8                      | P E 170 559,19             | T 90L4          | 21,0    |                               |
| 2,5                                 | 1158,9  | 5177,1           | 2,2                      | P E 190 1158,92            | T 90S2          | 27,0    |                               |
| 2,5                                 | 377,5   | 5178,4           | 1,7                      | P E 170 377,45             | T 100A6         | 21,0    |                               |
| 2,5                                 | 377,5   | 5178,4           | 1,7                      | P E 170 377,45             | T 90LB6         | 21,0    |                               |
| 2,5                                 | 1158,9  | 5176,8           | 1,6                      | P E 170 1158,92            | T 90S2          | 21,0    |                               |
| 2,5                                 | 575,9   | 5198,2           | 2,4                      | P E 190 575,86             | T 90L4          | 27,0    |                               |
| 2,5                                 | 1158,9  | 5198,9           | 2,2                      | P E 190 1158,92            | T 80C2          | 27,0    |                               |
| 2,5                                 | 1158,9  | 5199,0           | 1,6                      | P E 170 1158,92            | T 80C2          | 21,0    |                               |
| 2,5                                 | 380,8   | 5220,4           | 1,1                      | P E 150 380,82             | T 90LB6         | 16,0    |                               |
| 2,5                                 | 380,8   | 5220,4           | 1,1                      | P E 150 380,82             | T 100A6         | 16,0    |                               |
| 2,4                                 | 1183,2  | 5304,5           | 1,0                      | P E 150 1183,21            | T 90S2          | 16,0    |                               |
| 2,4                                 | 1183,2  | 5304,5           | 1,0                      | P E 150 1183,21            | T 80C2          | 16,0    |                               |
| 2,4                                 | 388,9   | 5328,2           | 2,3                      | P E 190 388,88             | T 90LB6         | 27,0    |                               |
| 2,4                                 | 388,9   | 5328,2           | 2,3                      | P E 190 388,88             | T 100A6         | 27,0    |                               |
| 2,4                                 | 387,9   | 5328,6           | 0,8                      | P E 132 387,9              | T 90LB6         | 12,0    |                               |
| 2,4                                 | 387,9   | 5328,6           | 0,8                      | P E 132 387,9              | T 100A6         | 12,0    |                               |
| 2,4                                 | 595,3   | 5373,1           | 1,1                      | P E 150 595,28             | T 90L4          | 16,0    |                               |
| 2,4                                 | 595,2   | 5371,5           | 0,7                      | P E 132 595,18             | T 90L4          | 12,0    |                               |
| 2,4                                 | 606,4   | 5463,3           | 2,3                      | P E 190 606,41             | T 90L4          | 27,0    |                               |
| 2,4                                 | 606,4   | 5463,4           | 1,6                      | P E 170 606,41             | T 90L4          | 21,0    |                               |
| 2,3                                 | 409,3   | 5606,3           | 1,6                      | P E 170 409,33             | T 90LB6         | 21,0    |                               |
| 2,3                                 | 409,3   | 5606,3           | 1,6                      | P E 170 409,33             | T 100A6         | 21,0    |                               |
| 2,3                                 | 1268,2  | 5679,9           | 2,0                      | P E 190 1268,2             | T 90S2          | 27,0    |                               |
| 2,3                                 | 1268,2  | 5680,2           | 1,4                      | P E 170 1268,2             | T 90S2          | 21,0    |                               |
| 2,3                                 | 1268,2  | 5704,4           | 2,0                      | P E 190 1268,2             | T 80C2          | 27,0    |                               |
| 2,3                                 | 1268,2  | 5704,2           | 1,4                      | P E 170 1268,2             | T 80C2          | 21,0    |                               |
| 2,2                                 | 420,9   | 5780,3           | 1,0                      | P E 150 420,86             | T 100A6         | 16,0    |                               |
| 2,2                                 | 420,9   | 5780,3           | 1,0                      | P E 150 420,86             | T 90LB6         | 16,0    |                               |
| 2,2                                 | 643,2   | 5806,5           | 1,0                      | P E 150 643,23             | T 90L4          | 16,0    |                               |
| 2,2                                 | 1294,8  | 5806,5           | 0,9                      | P E 150 1294,77            | T 80C2          | 16,0    |                               |
| 2,2                                 | 1294,8  | 5806,5           | 0,9                      | P E 150 1294,77            | T 90S2          | 16,0    |                               |
| 2,2                                 | 425,6   | 5833,9           | 2,1                      | P E 190 425,55             | T 90LB6         | 27,0    |                               |
| 2,2                                 | 425,6   | 5833,9           | 2,1                      | P E 190 425,55             | T 100A6         | 27,0    |                               |
| 2,2                                 | 649,0   | 5859,4           | 1,5                      | P E 170 649                | T 90L4          | 21,0    |                               |
| 2,2                                 | 660,4   | 5941,1           | 2,1                      | P E 190 660,37             | T 90L4          | 27,0    |                               |
| 2,1                                 | 445,6   | 6111,4           | 1,5                      | P E 170 445,6              | T 100A6         | 21,0    |                               |
| 2,1                                 | 445,6   | 6111,4           | 1,5                      | P E 170 445,6              | T 90LB6         | 21,0    |                               |
| 2,1                                 | 448,2   | 6139,5           | 2,0                      | P E 190 448,15             | T 100A6         | 27,0    |                               |
| 2,1                                 | 448,2   | 6139,5           | 2,0                      | P E 190 448,15             | T 90LB6         | 27,0    |                               |
| 2,1                                 | 1395,7  | 6259,1           | 1,8                      | P E 190 1395,69            | T 80C2          | 27,0    |                               |
| 2,1                                 | 1395,7  | 6259,1           | 1,8                      | P E 190 1395,69            | T 90S2          | 27,0    |                               |
| 2,1                                 | 1395,7  | 6259,7           | 1,3                      | P E 170 1395,69            | T 80C2          | 21,0    |                               |
| 2,1                                 | 1395,7  | 6259,7           | 1,3                      | P E 170 1395,69            | T 90S2          | 21,0    |                               |
| 2,1                                 | 697,9   | 6287,8           | 1,4                      | P E 170 697,85             | T 90L4          | 21,0    |                               |
| 2,1                                 | 458,3   | 6289,3           | 1,0                      | P E 150 458,31             | T 90LB6         | 16,0    |                               |



HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |         | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|---------|---|
| 1,5                                 | 2,1   | 458,3            | 6289,3                                | 1,0                        | P E 150 458,31  | T 100A6 | 16,0                                      |
|                                     | 2,1   | 697,5            | 6289,3                                | 1,0                        | P E 150 697,51  | T 90L4  | 16,0                                      |
|                                     | 2,0   | 704,9            | 6351,6                                | 2,0                        | P E 190 704,94  | T 90L4  | 27,0                                      |
|                                     | 2,0   | 1424,9           | 6383,0                                | 0,8                        | P E 150 1424,94 | T 90S2  | 16,0                                      |
|                                     | 2,0   | 1424,9           | 6413,3                                | 0,8                        | P E 150 1424,94 | T 80C2  | 16,0                                      |
|                                     | 2,0   | 483,2            | 6611,4                                | 1,9                        | P E 190 483,23  | T 100A6 | 27,0                                      |
|                                     | 2,0   | 483,2            | 6611,4                                | 1,9                        | P E 190 483,23  | T 90LB6 | 27,0                                      |
|                                     | 2,0   | 483,2            | 6611,2                                | 1,4                        | P E 170 483,23  | T 100A6 | 21,0                                      |
|                                     | 2,0   | 483,2            | 6611,2                                | 1,4                        | P E 170 483,23  | T 90LB6 | 21,0                                      |
|                                     | 1,9   | 743,0            | 6716,4                                | 0,9                        | P E 150 743,02  | T 90L4  | 16,0                                      |
|                                     | 1,9   | 756,8            | 6820,7                                | 1,8                        | P E 190 756,78  | T 90L4  | 27,0                                      |
|                                     | 1,9   | 756,8            | 6821,6                                | 1,3                        | P E 170 756,78  | T 90L4  | 21,0                                      |
|                                     | 1,9   | 501,5            | 6896,6                                | 0,9                        | P E 150 501,52  | T 100A6 | 16,0                                      |
|                                     | 1,9   | 501,5            | 6896,6                                | 0,9                        | P E 150 501,52  | T 90LB6 | 16,0                                      |
|                                     | 1,9   | 766,5            | 6896,6                                | 0,9                        | P E 150 766,52  | T 90L4  | 16,0                                      |
|                                     | 1,9   | 1546,4           | 6930,5                                | 1,7                        | P E 190 1546,36 | T 90S2  | 27,0                                      |
|                                     | 1,9   | 1546,4           | 6930,5                                | 1,7                        | P E 190 1546,36 | T 80C2  | 27,0                                      |
|                                     | 1,9   | 1546,4           | 6931,0                                | 1,2                        | P E 170 1546,36 | T 80C2  | 21,0                                      |
|                                     | 1,9   | 1546,4           | 6931,0                                | 1,2                        | P E 170 1546,36 | T 90S2  | 21,0                                      |
|                                     | 1,8   | 1578,8           | 7086,6                                | 0,8                        | P E 150 1578,76 | T 90S2  | 16,0                                      |
|                                     | 1,8   | 1578,8           | 7086,6                                | 0,8                        | P E 150 1578,76 | T 80C2  | 16,0                                      |
|                                     | 1,8   | 520,0            | 7124,0                                | 1,3                        | P E 170 520,04  | T 100A6 | 21,0                                      |
|                                     | 1,8   | 520,0            | 7124,0                                | 1,3                        | P E 170 520,04  | T 90LB6 | 21,0                                      |
|                                     | 1,8   | 526,2            | 7203,2                                | 1,7                        | P E 190 526,24  | T 90LB6 | 27,0                                      |
|                                     | 1,8   | 526,2            | 7203,2                                | 1,7                        | P E 190 526,24  | T 100A6 | 27,0                                      |
|                                     | 1,8   | 811,3            | 7325,0                                | 1,2                        | P E 170 811,25  | T 90L4  | 21,0                                      |
|                                     | 1,7   | 824,1            | 7408,1                                | 1,7                        | P E 190 824,12  | T 90L4  | 27,0                                      |
|                                     | 1,7   | 831,2            | 7493,8                                | 0,8                        | P E 150 831,21  | T 90L4  | 16,0                                      |
|                                     | 1,7   | 549,0            | 7537,7                                | 0,8                        | P E 150 548,95  | T 100A6 | 16,0                                      |
|                                     | 1,7   | 549,0            | 7537,7                                | 0,8                        | P E 150 548,95  | T 90LB6 | 16,0                                      |
|                                     | 1,7   | 559,2            | 7674,8                                | 1,2                        | P E 170 559,19  | T 100A6 | 21,0                                      |
|                                     | 1,7   | 559,2            | 7674,8                                | 1,2                        | P E 170 559,19  | T 90LB6 | 21,0                                      |
|                                     | 1,6   | 870,6            | 7860,3                                | 0,8                        | P E 150 870,64  | T 90L4  | 16,0                                      |
|                                     | 1,6   | 879,8            | 7908,1                                | 1,6                        | P E 190 879,75  | T 90L4  | 27,0                                      |
|                                     | 1,6   | 575,9            | 7908,1                                | 1,6                        | P E 190 575,86  | T 100A6 | 27,0                                      |
|                                     | 1,6   | 575,9            | 7908,1                                | 1,6                        | P E 190 575,86  | T 90LB6 | 27,0                                      |
|                                     | 1,6   | 879,8            | 7908,6                                | 1,1                        | P E 170 879,75  | T 90L4  | 21,0                                      |
|                                     | 1,6   | 595,3            | 8159,6                                | 0,7                        | P E 150 595,28  | T 100A6 | 16,0                                      |
|                                     | 1,6   | 595,3            | 8159,6                                | 0,7                        | P E 150 595,28  | T 90LB6 | 16,0                                      |
|                                     | 1,6   | 606,4            | 8318,5                                | 1,5                        | P E 190 606,41  | T 100A6 | 27,0                                      |
|                                     | 1,6   | 606,4            | 8318,5                                | 1,5                        | P E 190 606,41  | T 90LB6 | 27,0                                      |
|                                     | 1,6   | 606,4            | 8317,9                                | 1,1                        | P E 170 606,41  | T 100A6 | 21,0                                      |
|                                     | 1,6   | 606,4            | 8317,9                                | 1,1                        | P E 170 606,41  | T 90LB6 | 21,0                                      |
|                                     | 1,5   | 948,1            | 8538,9                                | 0,7                        | P E 150 948,12  | T 90L4  | 16,0                                      |
|                                     | 1,5   | 958,0            | 8652,5                                | 1,4                        | P E 190 958,04  | T 90L4  | 27,0                                      |
|                                     | 1,5   | 981,4            | 8829,3                                | 1,0                        | P E 170 981,35  | T 90L4  | 21,0                                      |
|                                     | 1,5   | 649,0            | 8893,3                                | 1,0                        | P E 170 649     | T 100A6 | 21,0                                      |
|                                     | 1,5   | 649,0            | 8893,3                                | 1,0                        | P E 170 649     | T 90LB6 | 21,0                                      |
|                                     | 1,4   | 660,4            | 9079,9                                | 1,4                        | P E 190 660,37  | T 90LB6 | 27,0                                      |
|                                     | 1,4   | 660,4            | 9079,9                                | 1,4                        | P E 190 660,37  | T 100A6 | 27,0                                      |
| 1,4                                 | 697,9   | 9547,4           | 0,9                                   | P E 170 697,85             | T 100A6         | 21,0    |   |
| 1,4                                 | 697,9   | 9547,4           | 0,9                                   | P E 170 697,85             | T 90LB6         | 21,0    |   |
| 1,3                                 | 1064,2  | 9620,3           | 1,3                                   | P E 190 1064,22            | T 90L4          | 27,0    |   |
| 1,3                                 | 1064,2  | 9622,2           | 0,9                                   | P E 170 1064,22            | T 90L4          | 21,0    |   |
| 1,3                                 | 704,9   | 9694,9           | 1,3                                   | P E 190 704,94             | T 90LB6         | 27,0    |   |
| 1,3                                 | 704,9   | 9694,9           | 1,3                                   | P E 190 704,94             | T 100A6         | 27,0    |   |
| 1,2                                 | 756,8   | 10399,3          | 1,2                                   | P E 190 756,78             | T 100A6         | 27,0    |   |
| 1,2                                 | 756,8   | 10399,3          | 1,2                                   | P E 190 756,78             | T 90LB6         | 27,0    |   |
| 1,2                                 | 756,8   | 10400,6          | 0,9                                   | P E 170 756,78             | T 90LB6         | 21,0    |   |
| 1,2                                 | 756,8   | 10400,6          | 0,9                                   | P E 170 756,78             | T 100A6         | 21,0    |   |
| 1,2                                 | 1158,9  | 10480,7          | 1,2                                   | P E 190 1158,92            | T 90L4          | 27,0    |   |
| 1,2                                 | 1158,9  | 10481,4          | 0,9                                   | P E 170 1158,92            | T 90L4          | 21,0    |   |
| 1,2                                 | 811,3   | 11111,1          | 0,8                                   | P E 170 811,25             | T 100A6         | 21,0    |   |
| 1,2                                 | 811,3   | 11111,1          | 0,8                                   | P E 170 811,25             | T 90LB6         | 21,0    |   |
| 1,1                                 | 824,1   | 11308,8          | 1,1                                   | P E 190 824,12             | T 100A6         | 27,0    |   |
| 1,1                                 | 824,1   | 11308,8          | 1,1                                   | P E 190 824,12             | T 90LB6         | 27,0    |   |
| 1,1                                 | 1268,2  | 11412,1          | 1,1                                   | P E 190 1268,2             | T 90L4          | 27,0    |   |
| 1,1                                 | 1268,2  | 11411,7          | 0,8                                   | P E 170 1268,2             | T 90L4          | 21,0    |   |
| 1,1                                 | 879,8   | 12050,1          | 1,0                                   | P E 190 879,75             | T 90LB6         | 27,0    |   |
| 1,1                                 | 879,8   | 12050,1          | 1,0                                   | P E 190 879,75             | T 100A6         | 27,0    |   |
| 1,1                                 | 879,8   | 12053,6          | 0,7                                   | P E 170 879,75             | T 100A6         | 21,0    |   |
| 1,1                                 | 879,8   | 12053,6          | 0,7                                   | P E 170 879,75             | T 90LB6         | 21,0    |   |
| 1,0                                 | 1395,7  | 12643,3          | 1,0                                   | P E 190 1395,69            | T 90L4          | 27,0    |   |
| 1,0                                 | 1395,7  | 12640,4          | 0,7                                   | P E 170 1395,69            | T 90L4          | 21,0    |   |
| 1,0                                 | 958,0   | 13157,9          | 1,0                                   | P E 190 958,04             | T 100A6         | 27,0    |   |
| 1,0                                 | 958,0   | 13157,9          | 1,0                                   | P E 190 958,04             | T 90LB6         | 27,0    |   |
| 0,9                                 | 1546,4  | 14013,5          | 0,9                                   | P E 190 1546,36            | T 90L4          | 27,0    |   |
| 0,9                                 | 1064,2  | 14648,4          | 0,9                                   | P E 190 1064,22            | T 90LB6         | 27,0    |   |
| 0,9                                 | 1064,2  | 14648,4          | 0,9                                   | P E 190 1064,22            | T 100A6         | 27,0    |   |
| 0,8                                 | 1158,9  | 15916,8          | 0,8                                   | P E 190 1158,92            | T 90LB6         | 27,0    |   |
| 0,8                                 | 1158,9  | 15916,8          | 0,8                                   | P E 190 1158,92            | T 100A6         | 27,0    |   |
| 0,7                                 | 1268,2  | 17425,7          | 0,7                                   | P E 190 1268,2             | T 100A6         | 27,0    |   |
| 0,7                                 | 1268,2  | 17425,7          | 0,7                                   | P E 190 1268,2             | T 90LB6         | 27,0    |   |







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|--------|---|
| 718.0                               | 3.9   | 22.7             | 4.0                                   | P - 63 2 3.9               | T 80D2   | 5.6    |   |
| 651.2                               | 4.3   | 25.1             | 3.8                                   | P - 63 2 4.3               | T 80D2   | 5.6    |   |
| 560.0                               | 5.0   | 29.2             | 3.8                                   | P - 63 2 5                 | T 80D2   | 5.6    |   |
| 500.0                               | 5.6   | 32.7             | 3.8                                   | P - 63 2 5.6               | T 80D2   | 5.6    |   |
| 476.7                               | 3.0   | 34.3             | 2.3                                   | P - 63 2 3                 | T 90LB4  | 5.6    |   |
| 451.6                               | 6.2   | 36.2             | 3.6                                   | P - 63 2 6.2               | T 80D2   | 5.6    |   |
| 430.8                               | 6.5   | 37.9             | 3.6                                   | P - 63 2 6.5               | T 80D2   | 5.6    |   |
| 378.4                               | 7.4   | 43.2             | 3.2                                   | P - 63 2 7.4               | T 80D2   | 5.6    |   |
| 366.7                               | 3.9   | 44.5             | 2.5                                   | P - 63 2 3.9               | T 90LB4  | 5.6    |   |
| 350.0                               | 8.0   | 46.7             | 3.2                                   | P - 63 2 8                 | T 80D2   | 5.6    |   |
| 332.6                               | 4.3   | 49.1             | 2.6                                   | P - 63 2 4.3               | T 90LB4  | 5.6    |   |
| 311.1                               | 9.0   | 52.5             | 3.1                                   | P - 63 2 9                 | T 80D2   | 5.6    |   |
| 286.0                               | 5.0   | 57.1             | 2.5                                   | P - 63 2 5                 | T 90LB4  | 5.6    |   |
| 269.8                               | 5.3   | 60.5             | 3.5                                   | P - 71 2 5.3               | T 90LB4  | 7.5    |   |
| 269.2                               | 10.4  | 60.7             | 3.0                                   | P - 63 2 10.4              | T 80D2   | 5.6    |   |
| 255.4                               | 5.6   | 64.0             | 2.5                                   | P - 63 2 5.6               | T 90LB4  | 5.6    |   |
| 237.3                               | 11.8  | 68.8             | 2.8                                   | P - 63 2 11.8              | T 80D2   | 5.6    |   |
| 230.7                               | 6.2   | 70.8             | 3.7                                   | P - 71 2 6.2               | T 90LB4  | 7.5    |   |
| 230.7                               | 6.2   | 70.8             | 2.3                                   | P - 63 2 6.2               | T 90LB4  | 5.6    |   |
| 227.6                               | 12.3  | 71.7             | 3.9                                   | P - 71 2 12.3              | T 80D2   | 7.5    |   |
| 220.0                               | 6.5   | 74.2             | 2.3                                   | P - 63 2 6.5               | T 90LB4  | 5.6    |   |
| 207.4                               | 13.5  | 78.7             | 2.6                                   | P - 63 2 13.5              | T 80D2   | 5.6    |   |
| 201.4                               | 7.1   | 81.1             | 3.7                                   | P - 71 2 7.1               | T 90LB4  | 7.5    |   |
| 194.4                               | 14.4  | 84.0             | 2.3                                   | P - 63 2 14.4              | T 80D2   | 5.6    |   |
| 193.2                               | 7.4   | 84.5             | 2.1                                   | P - 63 2 7.4               | T 90LB4  | 5.6    |   |
| 178.8                               | 8.0   | 91.4             | 2.2                                   | P - 63 2 8                 | T 90LB4  | 5.6    |   |
| 165.7                               | 16.9  | 98.6             | 2.3                                   | P - 63 2 16.9              | T 80D2   | 5.6    |   |
| 164.4                               | 8.7   | 99.4             | 3.1                                   | P - 71 2 8.7               | T 90LB4  | 7.5    |   |
| 162.8                               | 17.2  | 98.2             | 0.9                                   | P L 25 3 17.2              | T 80D2   | 4.0    |   |
| 158.9                               | 9.0   | 102.8            | 2.0                                   | P - 63 2 9                 | T 90LB4  | 5.6    |   |
| 149.7                               | 18.7  | 109.1            | 3.9                                   | P - 71 2 18.7              | T 80D2   | 7.5    |   |
| 141.4                               | 19.8  | 115.5            | 2.0                                   | P - 63 2 19.8              | T 80D2   | 5.6    |   |
| 140.2                               | 10.2  | 116.5            | 3.6                                   | P - 71 2 10.2              | T 90LB4  | 7.5    |   |
| 138.6                               | 20.2  | 117.8            | 3.6                                   | P - 71 2 20.2              | T 80D2   | 7.5    |   |
| 137.5                               | 10.4  | 118.8            | 1.9                                   | P - 63 2 10.4              | T 90LB4  | 5.6    |   |
| 137.3                               | 20.4  | 116.5            | 0.8                                   | P L 25 3 20.4              | T 80D2   | 4.0    |   |
| 136.6                               | 20.5  | 119.5            | 1.8                                   | P - 63 2 20.5              | T 80D2   | 5.6    |   |
| 127.9                               | 21.9  | 127.7            | 3.3                                   | P - 71 2 21.9              | T 80D2   | 7.5    |   |
| 123.3                               | 11.6  | 132.5            | 3.2                                   | P - 71 2 11.6              | T 90LB4  | 7.5    |   |
| 121.2                               | 11.8  | 134.8            | 1.7                                   | P - 63 2 11.8              | T 90LB4  | 5.6    |   |
| 117.2                               | 23.9  | 139.3            | 3.9                                   | P - 80 2 23.89             | T 80D2   | 7.5    |   |
| 116.3                               | 12.3  | 140.5            | 2.1                                   | P - 71 2 12.3              | T 90LB4  | 7.5    |   |
| 116.2                               | 24.1  | 140.6            | 1.5                                   | P - 63 2 24.1              | T 80D2   | 5.6    |   |
| 110.7                               | 25.3  | 147.6            | 2.4                                   | P - 71 2 25.3              | T 80D2   | 7.5    |   |
| 107.3                               | 26.1  | 152.2            | 1.4                                   | P - 63 2 26.1              | T 80D2   | 5.6    |   |
| 106.5                               | 26.3  | 153.4            | 3.5                                   | P - 80 2 26.3              | T 80D2   | 7.5    |   |
| 106.1                               | 26.4  | 150.7            | 3.6                                   | P L 65 3 26.4              | T 80D2   | 8.0    |   |
| 105.9                               | 13.5  | 154.2            | 1.6                                   | P - 63 2 13.5              | T 90LB4  | 5.6    |   |
| 102.1                               | 14.0  | 159.9            | 2.8                                   | P - 71 2 14                | T 90LB4  | 7.5    |   |
| 99.3                                | 14.4  | 164.5            | 1.3                                   | P - 63 2 14.4              | T 90LB4  | 5.6    |   |
| 98.7                                | 28.4  | 165.5            | 3.3                                   | P - 80 2 28.38             | T 80D2   | 7.5    |   |
| 97.6                                | 28.7  | 163.8            | 1.4                                   | P L 45 3 28.7              | T 80D2   | 6.5    |   |
| 97.2                                | 28.8  | 168.0            | 2.4                                   | P - 71 2 28.8              | T 80D2   | 7.5    |   |
| 92.9                                | 30.2  | 175.8            | 3.1                                   | P - 80 2 30.15             | T 80D2   | 7.5    |   |
| 88.8                                | 16.1  | 183.9            | 2.5                                   | P - 71 2 16.1              | T 90LB4  | 7.5    |   |
| 88.3                                | 31.7  | 184.9            | 1.2                                   | P - 63 2 31.7              | T 80D2   | 5.6    |   |
| 87.5                                | 32.0  | 182.7            | 1.2                                   | P L 45 3 32                | T 80D2   | 6.5    |   |
| 86.7                                | 32.3  | 184.4            | 2.9                                   | P L 65 3 32.3              | T 80D2   | 8.0    |   |
| 84.6                                | 16.9  | 193.0            | 1.3                                   | P - 63 2 16.9              | T 90LB4  | 5.6    |   |
| 84.6                                | 33.1  | 193.0            | 1.9                                   | P - 71 2 33.1              | T 80D2   | 7.5    |   |
| 82.7                                | 17.3  | 197.6            | 2.3                                   | P - 71 2 17.3              | T 90LB4  | 7.5    |   |
| 80.5                                | 34.8  | 202.9            | 2.7                                   | P - 80 2 34.79             | T 80D2   | 7.5    |   |
| 80.0                                | 35.0  | 204.1            | 3.4                                   | P - 90 2 35                | T 80D2   | 10.5   |   |
| 76.5                                | 36.6  | 213.5            | 1.1                                   | P - 63 2 36.6              | T 80D2   | 5.6    |   |
| 76.5                                | 18.7  | 213.6            | 2.2                                   | P - 71 2 18.7              | T 90LB4  | 7.5    |   |
| 75.1                                | 37.3  | 217.5            | 1.7                                   | P - 71 2 37.3              | T 80D2   | 7.5    |   |
| 74.5                                | 37.6  | 214.7            | 2.5                                   | P L 65 3 37.6              | T 80D2   | 8.0    |   |
| 73.8                                | 38.0  | 221.4            | 2.4                                   | P - 80 2 37.95             | T 80D2   | 7.5    |   |
| 73.4                                | 19.5  | 222.6            | 2.7                                   | P - 80 2 19.49             | T 90LB4  | 7.5    |   |
| 72.4                                | 38.7  | 221.0            | 3.2                                   | P - 90 3 38.7              | T 80D2   | 7.5    |   |
| 72.2                                | 19.8  | 226.1            | 1.1                                   | P - 63 2 19.8              | T 90LB4  | 5.6    |   |
| 70.9                                | 39.5  | 225.5            | 1.9                                   | P - 71 3 39.5              | T 80D2   | 5.4    |   |
| 70.8                                | 20.2  | 230.7            | 2.0                                   | P - 71 2 20.2              | T 90LB4  | 7.5    |   |
| 70.7                                | 39.6  | 231.2            | 1.9                                   | P - 80 2 39.63             | T 80D2   | 7.5    |   |
| 69.8                                | 20.5  | 234.0            | 1.0                                   | P - 63 2 20.5              | T 90LB4  | 5.6    |   |
| 69.7                                | 20.5  | 234.5            | 2.6                                   | P - 80 2 20.53             | T 90LB4  | 7.5    |   |
| 69.3                                | 40.4  | 235.6            | 2.5                                   | P - 90 2 40.4              | T 80D2   | 10.5   |   |
| 69.1                                | 40.5  | 236.1            | 0.9                                   | P - 63 2 40.5              | T 80D2   | 5.6    |   |
| 68.5                                | 40.9  | 233.6            | 1.0                                   | P L 45 3 40.9              | T 80D2   | 6.5    |   |
| 66.8                                | 21.4  | 244.4            | 3.7                                   | P - 90 2 21.4              | T 90LB4  | 10.5   |   |
| 66.6                                | 21.5  | 245.1            | 2.4                                   | P - 80 2 21.46             | T 90LB4  | 7.5    |   |
| 66.3                                | 42.3  | 246.4            | 1.8                                   | P - 80 2 42.25             | T 80D2   | 7.5    |   |
| 65.3                                | 21.9  | 250.1            | 1.8                                   | P - 71 2 21.9              | T 90LB4  | 7.5    |   |
| 64.5                                | 43.4  | 247.8            | 0.9                                   | P - 63 3 43.4              | T 80D2   | 4.0    |   |
| 64.1                                | 43.7  | 249.5            | 3.0                                   | P - 90 3 43.7              | T 80D2   | 7.5    |   |
| 63.5                                | 44.1  | 257.2            | 2.7                                   | P - 90 2 44.1              | T 80D2   | 10.5   |   |
| 62.6                                | 44.7  | 260.7            | 1.5                                   | P - 71 2 44.7              | T 80D2   | 7.5    |   |
| 62.0                                | 45.2  | 263.6            | 0.8                                   | P - 63 2 45.2              | T 80D2   | 5.6    |   |
| 61.3                                | 45.7  | 261.0            | 0.9                                   | P L 45 3 45.7              | T 80D2   | 6.5    |   |
| 60.9                                | 46.0  | 262.6            | 2.1                                   | P L 65 3 46                | T 80D2   | 8.0    |   |
| 60.1                                | 23.8  | 266.1            | 3.0                                   | P L 85 3 23.8              | T 90LB4  | 11.0   |   |
| 59.9                                | 23.9  | 272.8            | 2.2                                   | P - 80 2 23.89             | T 90LB4  | 7.5    |   |
| 59.6                                | 47.0  | 268.5            | 0.7                                   | P - 63 3 47                | T 80D2   | 4.0    |   |
| 59.3                                | 24.1  | 275.3            | 0.8                                   | P - 63 2 24.1              | T 90LB4  | 5.6    |   |
| 58.2                                | 48.1  | 280.8            | 1.6                                   | P - 80 2 48.14             | T 80D2   | 7.5    |   |

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HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 57.4  | 48.8             | 278.6                                 | 2.7                        | P - 90 3 48.8   | T 80D2  | 7.5                                       |
|                                     | 57.2  | 25.0             | 285.5                                 | 3.2                        | P - 90 2 25   | T 90LB4   | 10.5                                      |
|                                     | 56.5  | 25.3             | 289.0                                 | 1.4                        | P - 71 2 25.3   | T 90LB4   | 7.5                                       |
|                                     | 55.5  | 50.5             | 294.5                                 | 1.4                        | P - 71 2 50.5   | T 80D2  | 7.5                                       |
|                                     | 55.0  | 50.9             | 296.7                                 | 1.1                        | P - 80 2 50.87  | T 80D2  | 7.5                                       |
|                                     | 55.0  | 50.9             | 296.9                                 | 2.4                        | P - 90 2 50.9   | T 80D2  | 10.5                                      |
|                                     | 54.8  | 26.1             | 298.1                                 | 0.8                        | P - 63 2 26.1   | T 90LB4   | 5.6                                       |
|                                     | 54.4  | 26.3             | 300.3                                 | 2.0                        | P - 80 2 26.3   | T 90LB4   | 7.5                                       |
|                                     | 54.2  | 26.4             | 295.1                                 | 2.0                        | P L 65 3 26.4   | T 90LB4   | 8.0                                       |
|                                     | 53.0  | 52.8             | 301.6                                 | 0.7                        | P L 45 3 52.8   | T 80D2  | 6.5                                       |
|                                     | 52.5  | 53.3             | 304.4                                 | 0.7                        | P - 63 3 53.3   | T 80D2  | 4.0                                       |
|                                     | 52.3  | 53.5             | 305.5                                 | 1.4                        | P - 71 3 53.5   | T 80D2  | 5.4                                       |
|                                     | 52.0  | 27.5             | 307.4                                 | 3.1                        | P L 85 3 27.5   | T 90LB4   | 11.0                                      |
|                                     | 51.6  | 27.7             | 316.3                                 | 2.9                        | P - 90 2 27.7   | T 90LB4   | 10.5                                      |
|                                     | 51.6  | 54.3             | 310.0                                 | 1.7                        | P L 65 3 54.3   | T 80D2  | 8.0                                       |
|                                     | 50.7  | 55.2             | 315.2                                 | 2.3                        | P - 90 3 55.2   | T 80D2  | 7.5                                       |
|                                     | 50.5  | 55.5             | 323.6                                 | 1.0                        | P - 80 2 55.49  | T 80D2  | 7.5                                       |
|                                     | 50.4  | 28.4             | 324.1                                 | 1.9                        | P - 80 2 28.38  | T 90LB4   | 7.5                                       |
|                                     | 49.8  | 28.7             | 320.7                                 | 0.8                        | P L 45 3 28.7   | T 90LB4   | 6.5                                       |
|                                     | 49.7  | 56.3             | 321.5                                 | 3.4                        | P L 85 3 56.3   | T 80D2  | 11.0                                      |
|                                     | 49.7  | 28.8             | 329.0                                 | 1.4                        | P - 71 2 28.8   | T 90LB4   | 7.5                                       |
|                                     | 49.0  | 57.2             | 326.5                                 | 0.7                        | P - 63 3 57.2   | T 80D2  | 4.0                                       |
|                                     | 47.4  | 30.2             | 344.3                                 | 1.7                        | P - 80 2 30.15  | T 90LB4   | 7.5                                       |
|                                     | 46.9  | 30.5             | 348.3                                 | 2.6                        | P - 90 2 30.5   | T 90LB4   | 10.5                                      |
|                                     | 46.1  | 60.8             | 347.1                                 | 1.2                        | P - 71 3 60.8   | T 80D2  | 5.4                                       |
|                                     | 45.3  | 61.8             | 360.5                                 | 0.9                        | P - 80 2 61.79  | T 80D2  | 7.5                                       |
|                                     | 44.9  | 62.3             | 355.7                                 | 2.1                        | P - 90 3 62.3   | T 80D2  | 7.5                                       |
|                                     | 44.7  | 62.7             | 358.0                                 | 4.0                        | P - 112 3 62.7  | T 80D2  | 11.8                                      |
|                                     | 44.3  | 32.3             | 361.1                                 | 1.7                        | P L 65 3 32.3   | T 90LB4   | 8.0                                       |
|                                     | 43.8  | 63.9             | 364.8                                 | 3.0                        | P L 85 3 63.9   | T 80D2  | 11.0                                      |
|                                     | 43.6  | 64.2             | 366.6                                 | 1.1                        | P - 71 3 64.2   | T 80D2  | 5.4                                       |
|                                     | 43.5  | 64.4             | 367.6                                 | 1.5                        | P L 65 3 64.4   | T 80D2  | 8.0                                       |
|                                     | 43.2  | 33.1             | 378.1                                 | 1.1                        | P - 71 2 33.1   | T 90LB4   | 7.5                                       |
|                                     | 41.5  | 67.4             | 384.9                                 | 3.7                        | P - 112 3 67.4  | T 80D2  | 11.8                                      |
|                                     | 41.5  | 34.5             | 385.7                                 | 2.9                        | P L 85 3 34.5   | T 90LB4   | 11.0                                      |
|                                     | 41.1  | 34.8             | 397.4                                 | 1.5                        | P - 80 2 34.79  | T 90LB4   | 7.5                                       |
|                                     | 40.9  | 35.0             | 399.7                                 | 2.1                        | P - 90 2 35   | T 90LB4   | 10.5                                      |
|                                     | 39.7  | 70.6             | 403.1                                 | 2.0                        | P - 90 3 70.6   | T 80D2  | 7.5                                       |
|                                     | 38.6  | 72.6             | 414.5                                 | 3.6                        | P - 112 3 72.6  | T 80D2  | 11.8                                      |
|                                     | 38.3  | 37.3             | 425.9                                 | 1.0                        | P - 71 2 37.3   | T 90LB4   | 7.5                                       |
|                                     | 38.0  | 37.6             | 420.4                                 | 1.4                        | P L 65 3 37.6   | T 90LB4   | 8.0                                       |
|                                     | 37.8  | 74.0             | 422.5                                 | 2.6                        | P L 85 3 74   | T 80D2  | 11.0                                      |
|                                     | 37.7  | 38.0             | 433.4                                 | 1.4                        | P - 80 2 37.95  | T 90LB4   | 7.5                                       |
|                                     | 37.6  | 74.4             | 424.8                                 | 1.3                        | P L 65 3 74.4   | T 80D2  | 8.0                                       |
|                                     | 37.1  | 75.4             | 430.5                                 | 1.0                        | P - 71 3 75.4   | T 80D2  | 5.4                                       |
|                                     | 37.0  | 38.7             | 432.7                                 | 2.8                        | P L 85 3 38.7   | T 90LB4   | 11.0                                      |
|                                     | 37.0  | 38.7             | 432.6                                 | 2.1                        | P - 90 3 38.7   | T 90LB4   | 7.5                                       |
|                                     | 36.7  | 76.3             | 435.6                                 | 1.8                        | P - 90 3 76.3   | T 80D2  | 7.5                                       |
|                                     | 36.2  | 39.5             | 441.6                                 | 1.0                        | P - 71 3 39.5   | T 90LB4   | 5.4                                       |
|                                     | 36.1  | 39.6             | 452.7                                 | 1.1                        | P - 80 2 39.63  | T 90LB4   | 7.5                                       |
|                                     | 35.7  | 78.5             | 448.2                                 | 3.3                        | P - 112 3 78.5  | T 80D2  | 11.8                                      |
|                                     | 35.4  | 40.4             | 461.4                                 | 1.6                        | P - 90 2 40.4   | T 90LB4   | 10.5                                      |
|                                     | 33.9  | 42.3             | 482.3                                 | 1.0                        | P - 80 2 42.25  | T 90LB4   | 7.5                                       |
|                                     | 33.8  | 82.8             | 472.8                                 | 1.7                        | P - 90 3 82.8   | T 80D2  | 7.5                                       |
|                                     | 33.0  | 84.9             | 484.8                                 | 2.2                        | P L 85 3 84.9   | T 80D2  | 11.0                                      |
|                                     | 32.8  | 85.4             | 487.5                                 | 1.1                        | P L 65 3 85.4   | T 80D2  | 8.0                                       |
|                                     | 32.7  | 43.7             | 488.6                                 | 2.5                        | P L 85 3 43.7   | T 90LB4   | 11.0                                      |
|                                     | 32.7  | 43.7             | 488.7                                 | 1.9                        | P - 90 3 43.7   | T 90LB4   | 7.5                                       |
|                                     | 32.4  | 44.1             | 503.6                                 | 1.7                        | P - 90 2 44.1   | T 90LB4   | 10.5                                      |
|                                     | 32.3  | 86.8             | 495.4                                 | 0.8                        | P - 71 3 86.8   | T 80D2  | 5.4                                       |
|                                     | 32.1  | 87.3             | 498.5                                 | 3.0                        | P - 112 3 87.3  | T 80D2  | 11.8                                      |
|                                     | 32.0  | 44.7             | 510.5                                 | 0.9                        | P - 71 2 44.7   | T 90LB4   | 7.5                                       |
|                                     | 31.1  | 46.0             | 514.3                                 | 1.2                        | P L 65 3 46   | T 90LB4   | 8.0                                       |
|                                     | 30.6  | 91.5             | 522.5                                 | 0.8                        | P - 71 3 91.5   | T 80D2  | 5.4                                       |
|                                     | 30.0  | 93.3             | 532.7                                 | 1.5                        | P - 90 3 93.3   | T 80D2  | 7.5                                       |
|                                     | 29.9  | 93.6             | 534.4                                 | 2.8                        | P - 112 3 93.6  | T 80D2  | 11.8                                      |
|                                     | 29.7  | 48.1             | 549.8                                 | 0.9                        | P - 80 2 48.14  | T 90LB4   | 7.5                                       |
|                                     | 29.3  | 48.8             | 545.6                                 | 1.7                        | P - 90 3 48.8   | T 90LB4   | 7.5                                       |
|                                     | 28.6  | 98.0             | 559.6                                 | 1.9                        | P L 85 3 98   | T 80D2  | 11.0                                      |
|                                     | 28.5  | 98.4             | 561.7                                 | 3.7                        | P L 95 3 98.4   | T 80D2  | 16.0                                      |
|                                     | 28.3  | 50.5             | 576.6                                 | 0.8                        | P - 71 2 50.5   | T 90LB4   | 7.5                                       |
|                                     | 28.3  | 99.0             | 565.4                                 | 1.0                        | P L 65 3 99   | T 80D2  | 8.0                                       |
|                                     | 28.2  | 99.3             | 566.7                                 | 0.7                        | P - 71 3 99.3   | T 80D2  | 5.4                                       |
|                                     | 28.1  | 50.9             | 581.3                                 | 1.5                        | P - 90 2 50.9   | T 90LB4   | 10.5                                      |
|                                     | 27.9  | 51.2             | 572.4                                 | 3.0                        | P - 112 3 51.2  | T 90LB4   | 11.8                                      |
|                                     | 27.8  | 100.6            | 574.4                                 | 1.4                        | P - 90 3 100.6  | T 80D2  | 7.5                                       |
|                                     | 26.7  | 53.5             | 598.3                                 | 0.8                        | P - 71 3 53.5   | T 90LB4   | 5.4                                       |
|                                     | 26.3  | 54.3             | 607.1                                 | 1.0                        | P L 65 3 54.3   | T 90LB4   | 8.0                                       |
|                                     | 26.1  | 54.7             | 611.6                                 | 3.4                        | P L 95 3 54.7   | T 90LB4   | 16.0                                      |
|                                     | 25.9  | 55.2             | 616.9                                 | 1.5                        | P - 90 3 55.2   | T 90LB4   | 7.5                                       |
|                                     | 25.8  | 108.4            | 619.0                                 | 2.4                        | P - 112 3 108.4   | T 80D2  | 11.8                                      |
|                                     | 25.7  | 108.9            | 621.9                                 | 1.5                        | P - 90 3 108.9  | T 80D2  | 7.5                                       |
|                                     | 25.4  | 56.3             | 629.4                                 | 1.9                        | P L 85 3 56.3   | T 90LB4   | 11.0                                      |
|                                     | 24.7  | 113.5            | 648.0                                 | 1.7                        | P L 85 3 113.5  | T 80D2  | 11.0                                      |
|                                     | 24.4  | 58.5             | 654.1                                 | 2.7                        | P - 112 3 58.5  | T 90LB4   | 11.8                                      |
|                                     | 24.1  | 116.0            | 662.2                                 | 3.2                        | P L 95 3 116  | T 80D2  | 16.0                                      |
|                                     | 24.1  | 116.2            | 663.5                                 | 0.8                        | P L 65 3 116.2  | T 80D2  | 8.0                                       |
|                                     | 23.9  | 117.2            | 669.1                                 | 2.2                        | P - 112 3 117.2   | T 80D2  | 11.8                                      |
|                                     | 23.0  | 62.3             | 696.7                                 | 1.3                        | P - 90 3 62.3   | T 90LB4   | 7.5                                       |
|                                     | 22.8  | 62.7             | 700.9                                 | 2.5                        | P - 112 3 62.7  | T 90LB4   | 11.8                                      |
|                                     | 22.4  | 125.0            | 713.7                                 | 1.3                        | P - 90 3 125  | T 80D2  | 7.5                                       |
|                                     | 22.4  | 63.9             | 714.3                                 | 1.7                        | P L 85 3 63.9   | T 90LB4   | 11.0                                      |
|                                     | 22.2  | 64.4             | 720.0                                 | 0.8                        | P L 65 3 64.4   | T 90LB4   | 8.0                                       |
|                                     | 21.9  | 65.4             | 731.0                                 | 3.0                        | P L 95 3 65.4   | T 90LB4   | 16.0                                      |
|                                     | 21.8  | 128.3            | 732.7                                 | 2.0                        | P - 112 3 128.3   | T 80D2  | 11.8                                      |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------|--------|---|
| 21.2                                | 67.4  | 753.4            | 2.3                                  | P - 112 3 67.4             | T 90LB4  | 11.8   |   |
| 20.8                                | 134.4   | 767.5            | 2.7                                  | P L 95 3 134.4             | T 80D2   | 16.0   |   |
| 20.5                                | 136.8   | 781.0            | 1.4                                  | P L 85 3 136.8             | T 80D2   | 11.0   |   |
| 20.3                                | 70.6  | 789.4            | 1.2                                  | P - 90 3 70.6              | T 90LB4  | 7.5    |   |
| 20.2                                | 70.7  | 798.8            | 3.6                                  | P L 105 3 70.7             | T 90LB4  | 22.0   |   |
| 20.0                                | 139.9   | 807.5            | 3.8                                  | P L 105 3 139.9            | T 80D2   | 22.0   |   |
| 19.9                                | 141.0   | 804.9            | 1.1                                  | P - 90 3 141               | T 80D2   | 7.5    |   |
| 19.7                                | 72.6  | 811.4            | 2.2                                  | P - 112 3 72.6             | T 90LB4  | 11.8   |   |
| 19.3                                | 74.0  | 827.6            | 1.5                                  | P L 85 3 74                | T 90LB4  | 11.0   |   |
| 19.3                                | 74.2  | 829.7            | 2.9                                  | P L 95 3 74.2              | T 90LB4  | 16.0   |   |
| 19.2                                | 74.4  | 832.0            | 0.7                                  | P L 65 3 74.4              | T 90LB4  | 8.0    |   |
| 18.9                                | 148.0   | 845.1            | 1.8                                  | P - 112 3 148              | T 80D2   | 11.8   |   |
| 18.7                                | 76.3  | 853.1            | 1.1                                  | P - 90 3 76.3              | T 90LB4  | 7.5    |   |
| 18.5                                | 151.5   | 837.2            | 3.8                                  | P E 125 151.48             | T 80D2   | 10.5   |   |
| 18.2                                | 78.5  | 877.4            | 2.0                                  | P - 112 3 78.5             | T 90LB4  | 11.8   |   |
| 18.2                                | 153.9   | 888.3            | 3.5                                  | P L 105 3 153.9            | T 80D2   | 22.0   |   |
| 18.0                                | 155.2   | 886.4            | 1.0                                  | P - 90 3 155.2             | T 80D2   | 7.5    |   |
| 17.9                                | 79.8  | 901.7            | 3.3                                  | P L 105 3 79.8             | T 90LB4  | 22.0   |   |
| 17.7                                | 158.6   | 876.1            | 4.0                                  | P E 132 158.56             | T 80D2   | 12.0   |   |
| 17.6                                | 158.9   | 907.3            | 2.3                                  | P L 95 3 158.9             | T 80D2   | 16.0   |   |
| 17.5                                | 160.0   | 913.5            | 1.2                                  | P L 85 3 160               | T 80D2   | 11.0   |   |
| 17.3                                | 82.8  | 925.9            | 1.0                                  | P - 90 3 82.8              | T 90LB4  | 7.5    |   |
| 16.8                                | 84.9  | 949.5            | 1.3                                  | P L 85 3 84.9              | T 90LB4  | 11.0   |   |
| 16.8                                | 167.0   | 953.4            | 1.6                                  | P - 112 3 167              | T 80D2   | 11.8   |   |
| 16.6                                | 86.0  | 961.3            | 2.5                                  | P L 95 3 86                | T 90LB4  | 16.0   |   |
| 16.6                                | 169.2   | 976.4            | 3.2                                  | P L 105 3 169.2            | T 80D2   | 22.0   |   |
| 16.4                                | 87.3  | 976.1            | 1.8                                  | P - 112 3 87.3             | T 90LB4  | 11.8   |   |
| 16.4                                | 87.4  | 987.6            | 3.1                                  | P L 105 3 87.4             | T 90LB4  | 22.0   |   |
| 16.1                                | 173.5   | 958.6            | 3.7                                  | P E 132 173.51             | T 80D2   | 12.0   |   |
| 15.8                                | 90.6  | 1024.0           | 3.1                                  | P L 105 3 90.6             | T 90LB4  | 22.0   |   |
| 15.7                                | 178.1   | 1016.8           | 0.9                                  | P - 90 3 178.1             | T 80D2   | 7.5    |   |
| 15.3                                | 93.3  | 1042.6           | 0.9                                  | P - 90 3 93.3              | T 90LB4  | 7.5    |   |
| 15.3                                | 93.6  | 1046.2           | 1.7                                  | P - 112 3 93.6             | T 90LB4  | 11.8   |   |
| 15.2                                | 184.6   | 1053.7           | 1.0                                  | P L 85 3 184.6             | T 80D2   | 11.0   |   |
| 15.1                                | 185.2   | 1068.6           | 2.9                                  | P L 105 3 185.2            | T 80D2   | 22.0   |   |
| 15.1                                | 185.6   | 1026.0           | 3.1                                  | P E 125 185.62             | T 80D2   | 10.5   |   |
| 15.0                                | 187.1   | 1067.8           | 2.0                                  | P L 95 3 187.1             | T 80D2   | 16.0   |   |
| 14.7                                | 191.0   | 1055.3           | 3.3                                  | P E 132 190.95             | T 80D2   | 12.0   |   |
| 14.6                                | 191.5   | 1093.6           | 1.4                                  | P - 112 3 191.5            | T 80D2   | 11.8   |   |
| 14.6                                | 98.0  | 1095.9           | 1.1                                  | P L 85 3 98                | T 90LB4  | 11.0   |   |
| 14.5                                | 98.4  | 1100.4           | 2.2                                  | P L 95 3 98.4              | T 90LB4  | 16.0   |   |
| 14.2                                | 100.4   | 1134.7           | 2.9                                  | P L 105 3 100.4            | T 90LB4  | 22.0   |   |
| 14.2                                | 100.6   | 1125.0           | 0.8                                  | P - 90 3 100.6             | T 90LB4  | 7.5    |   |
| 14.0                                | 199.5   | 1138.6           | 1.8                                  | P L 95 3 199.5             | T 80D2   | 16.0   |   |
| 13.9                                | 201.0   | 1147.9           | 0.8                                  | P - 90 3 201               | T 80D2   | 7.5    |   |
| 13.7                                | 204.1   | 1165.5           | 0.9                                  | P L 85 3 204.1             | T 80D2   | 11.0   |   |
| 13.2                                | 108.4   | 1212.0           | 1.4                                  | P - 112 3 108.4            | T 90LB4  | 11.8   |   |
| 13.2                                | 212.6   | 1174.7           | 3.0                                  | P E 132 212.62             | T 80D2   | 12.0   |   |
| 13.1                                | 108.9   | 1217.8           | 0.7                                  | P - 90 3 108.9             | T 90LB4  | 7.5    |   |
| 13.1                                | 214.0   | 1221.9           | 0.9                                  | P L 85 3 214               | T 80D2   | 11.0   |   |
| 12.9                                | 110.5   | 1248.7           | 2.6                                  | P L 105 3 110.5            | T 90LB4  | 22.0   |   |
| 12.7                                | 220.9   | 1260.5           | 1.2                                  | P - 112 3 220.9            | T 80D2   | 11.8   |   |
| 12.7                                | 221.3   | 1263.8           | 1.7                                  | P L 95 3 221.3             | T 80D2   | 16.0   |   |
| 12.6                                | 113.5   | 1269.1           | 0.9                                  | P L 85 3 113.5             | T 90LB4  | 11.0   |   |
| 12.5                                | 224.4   | 1280.7           | 0.7                                  | P - 90 3 224.4             | T 80D2   | 7.5    |   |
| 12.3                                | 116.0   | 1296.5           | 1.9                                  | P L 95 3 116               | T 90LB4  | 16.0   |   |
| 12.3                                | 227.3   | 1255.7           | 2.5                                  | P E 125 227.28             | T 80D2   | 10.5   |   |
| 12.2                                | 117.2   | 1310.3           | 1.3                                  | P - 112 3 117.2            | T 90LB4  | 11.8   |   |
| 12.0                                | 234.0   | 1292.6           | 2.7                                  | P E 132 234                | T 80D2   | 12.0   |   |
| 12.0                                | 234.0   | 1335.2           | 0.8                                  | P L 85 3 234               | T 80D2   | 11.0   |   |
| 11.6                                | 241.0   | 1375.4           | 1.1                                  | P - 112 3 241              | T 80D2   | 11.8   |   |
| 11.5                                | 243.2   | 1389.2           | 1.5                                  | P L 95 3 243.2             | T 80D2   | 16.0   |   |
| 11.3                                | 126.1   | 1424.9           | 2.4                                  | P L 105 3 126.1            | T 90LB4  | 22.0   |   |
| 11.2                                | 251.2   | 1387.6           | 2.3                                  | P E 125 251.17             | T 80D2   | 10.5   |   |
| 11.2                                | 128.3   | 1433.8           | 1.2                                  | P - 112 3 128.3            | T 90LB4  | 11.8   |   |
| 10.8                                | 260.3   | 1437.7           | 2.4                                  | P E 132 260.34             | T 80D2   | 12.0   |   |
| 10.6                                | 134.4   | 1502.6           | 1.6                                  | P L 95 3 134.4             | T 90LB4  | 16.0   |   |
| 10.6                                | 265.4   | 1466.5           | 3.7                                  | P E 150 265.44             | T 80D2   | 16.0   |   |
| 10.5                                | 266.2   | 1519.9           | 1.4                                  | P L 95 3 266.2             | T 80D2   | 16.0   |   |
| 10.5                                | 136.8   | 1529.7           | 0.8                                  | P L 85 3 136.8             | T 90LB4  | 11.0   |   |
| 10.4                                | 270.0   | 1541.6           | 0.7                                  | P L 85 3 270               | T 80D2   | 11.0   |   |
| 10.2                                | 273.5   | 1510.9           | 2.0                                  | P E 125 273.48             | T 80D2   | 10.5   |   |
| 10.2                                | 139.9   | 1581.0           | 2.2                                  | P L 105 3 139.9            | T 90LB4  | 22.0   |   |
| 10.1                                | 278.1   | 1587.3           | 0.9                                  | P - 112 3 278.1            | T 80D2   | 11.8   |   |
| 10.0                                | 280.9   | 1551.7           | 3.5                                  | P E 150 280.94             | T 80D2   | 16.0   |   |
| 9.8                                 | 286.5   | 1583.7           | 2.2                                  | P E 132 286.51             | T 80D2   | 12.0   |   |
| 9.7                                 | 148.0   | 1655.3           | 1.1                                  | P - 112 3 148              | T 90LB4  | 11.8   |   |
| 9.4                                 | 151.5   | 1638.9           | 2.1                                  | P E 125 151.48             | T 90LB4  | 10.5   |   |
| 9.3                                 | 153.9   | 1739.5           | 2.0                                  | P L 105 3 153.9            | T 90LB4  | 22.0   |   |
| 9.1                                 | 307.7   | 1700.1           | 1.9                                  | P E 125 307.71             | T 80D2   | 10.5   |   |
| 9.0                                 | 310.5   | 1715.2           | 3.1                                  | P E 150 310.47             | T 80D2   | 16.0   |   |
| 9.0                                 | 158.6   | 1715.1           | 2.3                                  | P E 132 158.56             | T 90LB4  | 12.0   |   |
| 9.0                                 | 158.9   | 1776.3           | 1.4                                  | P L 95 3 158.9             | T 90LB4  | 16.0   |   |
| 8.8                                 | 316.6   | 1750.0           | 2.0                                  | P E 132 316.62             | T 80D2   | 12.0   |   |
| 8.6                                 | 325.0   | 1794.7           | 3.0                                  | P E 150 325                | T 80D2   | 16.0   |   |
| 8.6                                 | 167.0   | 1867.2           | 0.9                                  | P - 112 3 167              | T 90LB4  | 11.8   |   |
| 8.5                                 | 169.2   | 1912.0           | 1.8                                  | P L 105 3 169.2            | T 90LB4  | 22.0   |   |
| 8.2                                 | 173.5   | 1877.4           | 2.1                                  | P E 132 173.51             | T 90LB4  | 12.0   |   |
| 8.0                                 | 350.3   | 1936.3           | 1.3                                  | P E 125 350.27             | T 80D2   | 10.5   |   |
| 7.9                                 | 352.5   | 1948.7           | 1.8                                  | P E 132 352.46             | T 80D2   | 12.0   |   |
| 7.8                                 | 359.2   | 1983.3           | 2.7                                  | P E 150 359.17             | T 80D2   | 16.0   |   |
| 7.7                                 | 185.2   | 2093.0           | 1.7                                  | P L 105 3 185.2            | T 90LB4  | 22.0   |   |
| 7.7                                 | 185.6   | 2008.9           | 1.7                                  | P E 125 185.62             | T 90LB4  | 10.5   |   |
| 7.6                                 | 187.1   | 2092.0           | 1.1                                  | P L 95 3 187.1             | T 90LB4  | 16.0   |   |
| 7.5                                 | 191.0   | 2065.4           | 1.9                                  | P E 132 190.95             | T 90LB4  | 12.0   |   |

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HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|

|     |       |        |     |                 |         |      |
|-----|-------|--------|-----|-----------------|---------|------|
| 7.5 | 191.5 | 2139.9 | 0.8 | P - 112 3 191.5 | T 90LB4 | 11.8 |
| 7.4 | 377.5 | 2084.9 | 3.9 | P E 170 377.45  | T 80D2  | 21.0 |
| 7.4 | 380.8 | 2104.8 | 2.6 | P E 150 380.82  | T 80D2  | 16.0 |
| 7.3 | 383.9 | 2122.3 | 1.5 | P E 125 383.88  | T 80D2  | 10.5 |
| 7.2 | 387.9 | 2142.9 | 1.6 | P E 132 387.9   | T 80D2  | 12.0 |
| 7.2 | 199.5 | 2229.1 | 1.1 | P L 95 3 199.5  | T 90LB4 | 16.0 |
| 6.8 | 409.3 | 2261.9 | 3.6 | P E 170 409.33  | T 80D2  | 21.0 |
| 6.7 | 212.6 | 2298.9 | 1.7 | P E 132 212.62  | T 90LB4 | 12.0 |
| 6.7 | 416.3 | 2298.5 | 1.4 | P E 125 416.28  | T 80D2  | 10.5 |
| 6.7 | 215.0 | 2326.6 | 3.9 | P E 170 215.02  | T 90LB4 | 21.0 |
| 6.7 | 420.9 | 2326.5 | 2.3 | P E 150 420.86  | T 80D2  | 16.0 |
| 6.6 | 216.6 | 2344.3 | 2.6 | P E 150 216.61  | T 90LB4 | 16.0 |
| 6.5 | 220.9 | 2470.6 | 0.7 | P - 112 3 220.9 | T 90LB4 | 11.8 |
| 6.5 | 221.3 | 2474.2 | 1.0 | P L 95 3 221.3  | T 90LB4 | 16.0 |
| 6.4 | 439.7 | 2428.7 | 1.4 | P E 132 439.72  | T 80D2  | 12.0 |
| 6.3 | 227.3 | 2460.0 | 1.4 | P E 125 227.28  | T 90LB4 | 10.5 |
| 6.3 | 445.6 | 2463.7 | 3.3 | P E 170 445.6   | T 80D2  | 21.0 |
| 6.1 | 458.3 | 2531.9 | 2.1 | P E 150 458.31  | T 80D2  | 16.0 |
| 6.1 | 234.0 | 2531.6 | 1.6 | P E 132 234     | T 90LB4 | 12.0 |
| 6.1 | 461.9 | 2553.2 | 1.3 | P E 125 461.93  | T 80D2  | 10.5 |
| 5.9 | 243.2 | 2718.7 | 0.9 | P L 95 3 243.2  | T 90LB4 | 16.0 |
| 5.8 | 246.9 | 2671.9 | 3.4 | P E 170 246.94  | T 90LB4 | 21.0 |
| 5.8 | 483.2 | 2671.8 | 3.0 | P E 170 483.23  | T 80D2  | 21.0 |
| 5.8 | 483.9 | 2671.8 | 1.3 | P E 132 483.92  | T 80D2  | 12.0 |
| 5.7 | 251.2 | 2719.0 | 1.3 | P E 125 251.17  | T 90LB4 | 10.5 |
| 5.6 | 501.5 | 2772.4 | 1.9 | P E 150 501.52  | T 80D2  | 16.0 |
| 5.5 | 260.3 | 2818.0 | 1.4 | P E 132 260.34  | T 90LB4 | 12.0 |
| 5.4 | 265.4 | 2870.1 | 2.1 | P E 150 265.44  | T 90LB4 | 16.0 |
| 5.4 | 519.6 | 2870.0 | 1.1 | P E 125 519.6   | T 80D2  | 10.5 |
| 5.4 | 520.0 | 2875.7 | 2.8 | P E 170 520.04  | T 80D2  | 21.0 |
| 5.4 | 266.2 | 2977.3 | 0.8 | P L 95 3 266.2  | T 90LB4 | 16.0 |
| 5.3 | 524.8 | 2896.6 | 1.2 | P E 132 524.76  | T 80D2  | 12.0 |
| 5.3 | 526.2 | 2908.1 | 4.0 | P E 190 526.24  | T 80D2  | 27.0 |
| 5.3 | 268.8 | 2907.9 | 3.1 | P E 170 268.78  | T 90LB4 | 21.0 |
| 5.2 | 273.5 | 2958.4 | 1.1 | P E 125 273.48  | T 90LB4 | 10.5 |
| 5.2 | 543.9 | 3004.3 | 1.2 | P E 132 543.89  | T 80D2  | 12.0 |
| 5.1 | 549.0 | 3033.7 | 1.8 | P E 150 548.95  | T 80D2  | 16.0 |
| 5.1 | 280.9 | 3039.7 | 2.0 | P E 150 280.94  | T 90LB4 | 16.0 |
| 5.0 | 559.2 | 3088.3 | 2.6 | P E 170 559.19  | T 80D2  | 21.0 |
| 5.0 | 286.5 | 3100.8 | 1.3 | P E 132 286.51  | T 90LB4 | 12.0 |
| 4.9 | 291.5 | 3150.8 | 4.0 | P E 190 291.48  | T 90LB4 | 27.0 |
| 4.9 | 575.9 | 3183.1 | 3.6 | P E 190 575.86  | T 80D2  | 27.0 |
| 4.8 | 580.5 | 3210.0 | 0.8 | P E 125 580.52  | T 80D2  | 10.5 |
| 4.7 | 302.0 | 3264.2 | 2.8 | P E 170 301.96  | T 90LB4 | 21.0 |
| 4.7 | 302.5 | 3270.8 | 3.8 | P E 190 302.51  | T 90LB4 | 27.0 |
| 4.7 | 595.3 | 3291.6 | 1.6 | P E 150 595.28  | T 80D2  | 16.0 |
| 4.7 | 595.2 | 3291.5 | 1.1 | P E 132 595.18  | T 80D2  | 12.0 |
| 4.7 | 307.7 | 3326.3 | 1.1 | P E 125 307.71  | T 90LB4 | 10.5 |
| 4.6 | 606.4 | 3348.4 | 3.4 | P E 190 606.41  | T 80D2  | 27.0 |
| 4.6 | 606.4 | 3348.6 | 2.4 | P E 170 606.41  | T 80D2  | 21.0 |
| 4.6 | 310.5 | 3356.1 | 1.8 | P E 150 310.47  | T 90LB4 | 16.0 |
| 4.5 | 316.6 | 3422.1 | 1.2 | P E 132 316.62  | T 90LB4 | 12.0 |
| 4.5 | 317.4 | 3430.4 | 3.6 | P E 190 317.42  | T 90LB4 | 27.0 |
| 4.5 | 625.2 | 3453.2 | 0.9 | P E 125 625.23  | T 80D2  | 10.5 |
| 4.4 | 325.0 | 3515.6 | 1.7 | P E 150 325     | T 90LB4 | 16.0 |
| 4.4 | 643.2 | 3556.5 | 1.5 | P E 150 643.23  | T 80D2  | 16.0 |
| 4.3 | 329.4 | 3564.6 | 3.5 | P E 190 329.43  | T 90LB4 | 27.0 |
| 4.3 | 330.6 | 3573.0 | 2.5 | P E 170 330.6   | T 90LB4 | 21.0 |
| 4.3 | 648.4 | 3582.1 | 0.9 | P E 125 648.43  | T 80D2  | 10.5 |
| 4.3 | 649.0 | 3589.4 | 2.3 | P E 170 649     | T 80D2  | 21.0 |
| 4.3 | 655.0 | 3622.8 | 1.0 | P E 132 655.01  | T 80D2  | 12.0 |
| 4.2 | 660.4 | 3648.9 | 3.2 | P E 190 660.37  | T 80D2  | 27.0 |
| 4.1 | 347.4 | 3755.0 | 3.3 | P E 190 347.35  | T 90LB4 | 27.0 |
| 4.1 | 350.3 | 3791.0 | 0.7 | P E 125 350.27  | T 90LB4 | 10.5 |
| 4.1 | 352.5 | 3811.5 | 1.0 | P E 132 352.46  | T 90LB4 | 12.0 |
| 4.0 | 697.9 | 3858.2 | 2.1 | P E 170 697.85  | T 80D2  | 21.0 |
| 4.0 | 697.5 | 3858.7 | 1.4 | P E 150 697.51  | T 80D2  | 16.0 |
| 4.0 | 357.1 | 3868.0 | 3.2 | P E 190 357.1   | T 90LB4 | 27.0 |
| 4.0 | 357.1 | 3868.2 | 2.3 | P E 170 357.1   | T 90LB4 | 21.0 |
| 4.0 | 359.2 | 3887.7 | 1.5 | P E 150 359.17  | T 90LB4 | 16.0 |
| 4.0 | 704.9 | 3896.8 | 3.0 | P E 190 704.94  | T 80D2  | 27.0 |
| 3.8 | 377.5 | 4081.6 | 2.2 | P E 170 377.45  | T 90LB4 | 21.0 |
| 3.8 | 743.0 | 4103.0 | 1.3 | P E 150 743.02  | T 80D2  | 16.0 |
| 3.8 | 742.8 | 4104.2 | 0.9 | P E 132 742.75  | T 80D2  | 12.0 |
| 3.8 | 380.8 | 4114.3 | 1.5 | P E 150 380.82  | T 90LB4 | 16.0 |
| 3.7 | 383.9 | 4147.5 | 0.8 | P E 125 383.88  | T 90LB4 | 10.5 |
| 3.7 | 756.8 | 4181.0 | 2.8 | P E 190 756.78  | T 80D2  | 27.0 |
| 3.7 | 756.8 | 4181.2 | 1.9 | P E 170 756.78  | T 80D2  | 21.0 |
| 3.7 | 387.9 | 4193.4 | 1.0 | P E 132 387.9   | T 90LB4 | 12.0 |
| 3.7 | 388.9 | 4204.0 | 3.0 | P E 190 388.88  | T 90LB4 | 27.0 |
| 3.7 | 766.5 | 4239.0 | 1.3 | P E 150 766.52  | T 80D2  | 16.0 |
| 3.6 | 780.3 | 4308.2 | 0.7 | P E 125 780.26  | T 80D2  | 10.5 |
| 3.5 | 409.3 | 4433.5 | 2.0 | P E 170 409.33  | T 90LB4 | 21.0 |
| 3.5 | 811.3 | 4484.8 | 1.8 | P E 170 811.25  | T 80D2  | 21.0 |
| 3.4 | 416.3 | 4496.8 | 0.8 | P E 125 416.28  | T 90LB4 | 10.5 |
| 3.4 | 817.4 | 4509.7 | 0.8 | P E 132 817.42  | T 80D2  | 12.0 |
| 3.4 | 824.1 | 4550.5 | 2.5 | P E 190 824.12  | T 80D2  | 27.0 |
| 3.4 | 420.9 | 4551.2 | 1.3 | P E 150 420.86  | T 90LB4 | 16.0 |
| 3.4 | 831.2 | 4591.4 | 1.2 | P E 150 831.21  | T 80D2  | 16.0 |
| 3.4 | 425.6 | 4604.1 | 2.7 | P E 190 425.55  | T 90LB4 | 27.0 |
| 3.3 | 439.7 | 4758.8 | 0.8 | P E 132 439.72  | T 90LB4 | 12.0 |
| 3.2 | 870.6 | 4804.7 | 1.1 | P E 150 870.64  | T 80D2  | 16.0 |
| 3.2 | 445.6 | 4820.0 | 1.9 | P E 170 445.6   | T 90LB4 | 21.0 |
| 3.2 | 448.2 | 4850.2 | 2.6 | P E 190 448.15  | T 90LB4 | 27.0 |
| 3.2 | 879.8 | 4864.9 | 2.4 | P E 190 879.75  | T 80D2  | 27.0 |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|---------|---|
| 1,8                                 | 3,2   | 879,8            | 4864,9                                | 1,7                        | P E 170 879,75  | T 80D2  | 21,0                                      |
|                                     | 3,1   | 458,3            | 4958,7                                | 1,2                        | P E 150 458,31  | T 90LB4 | 16,0                                      |
|                                     | 3,1   | 461,9            | 4992,1                                | 0,7                        | P E 125 461,93  | T 90LB4 | 10,5                                      |
|                                     | 3,0   | 483,2            | 5226,5                                | 2,4                        | P E 190 483,23  | T 90LB4 | 27,0                                      |
|                                     | 3,0   | 483,2            | 5227,5                                | 1,7                        | P E 170 483,23  | T 90LB4 | 21,0                                      |
|                                     | 3,0   | 483,9            | 5225,0                                | 0,8                        | P E 132 483,92  | T 90LB4 | 12,0                                      |
|                                     | 3,0   | 948,1            | 5245,5                                | 1,0                        | P E 150 948,12  | T 80D2  | 16,0                                      |
|                                     | 2,9   | 958,0            | 5298,2                                | 2,2                        | P E 190 958,04  | T 80D2  | 27,0                                      |
|                                     | 2,9   | 981,4            | 5428,1                                | 1,5                        | P E 170 981,35  | T 80D2  | 21,0                                      |
|                                     | 2,9   | 501,5            | 5427,1                                | 1,1                        | P E 150 501,52  | T 90LB4 | 16,0                                      |
|                                     | 2,8   | 520,0            | 5625,0                                | 1,6                        | P E 170 520,04  | T 90LB4 | 21,0                                      |
|                                     | 2,7   | 524,8            | 5664,8                                | 0,7                        | P E 132 524,76  | T 90LB4 | 12,0                                      |
|                                     | 2,7   | 526,2            | 5687,6                                | 2,2                        | P E 190 526,24  | T 90LB4 | 27,0                                      |
|                                     | 2,7   | 1037,5           | 5731,1                                | 0,9                        | P E 150 1037,52 | T 80D2  | 16,0                                      |
|                                     | 2,6   | 1064,2           | 5882,4                                | 2,0                        | P E 190 1064,22 | T 80D2  | 27,0                                      |
|                                     | 2,6   | 1064,2           | 5881,4                                | 1,4                        | P E 170 1064,22 | T 80D2  | 21,0                                      |
|                                     | 2,6   | 549,0            | 5950,4                                | 1,0                        | P E 150 548,95  | T 90LB4 | 16,0                                      |
|                                     | 2,6   | 559,2            | 6042,5                                | 1,5                        | P E 170 559,19  | T 90LB4 | 21,0                                      |
|                                     | 2,5   | 575,9            | 6237,9                                | 2,0                        | P E 190 575,86  | T 90LB4 | 27,0                                      |
|                                     | 2,4   | 1158,9           | 6392,8                                | 1,8                        | P E 190 1158,92 | T 80D2  | 27,0                                      |
|                                     | 2,4   | 1158,9           | 6391,9                                | 1,3                        | P E 170 1158,92 | T 80D2  | 21,0                                      |
|                                     | 2,4   | 595,3            | 6447,8                                | 0,9                        | P E 150 595,28  | T 90LB4 | 16,0                                      |
|                                     | 2,4   | 1183,2           | 6527,9                                | 0,8                        | P E 150 1183,21 | T 80D2  | 16,0                                      |
|                                     | 2,4   | 606,4            | 6555,9                                | 1,9                        | P E 190 606,41  | T 90LB4 | 27,0                                      |
|                                     | 2,4   | 606,4            | 6556,1                                | 1,4                        | P E 170 606,41  | T 90LB4 | 21,0                                      |
|                                     | 2,2   | 643,2            | 6967,7                                | 0,9                        | P E 150 643,23  | T 90LB4 | 16,0                                      |
|                                     | 2,2   | 1268,2           | 7000,3                                | 1,6                        | P E 190 1268,2  | T 80D2  | 27,0                                      |
|                                     | 2,2   | 1268,2           | 6999,5                                | 1,2                        | P E 170 1268,2  | T 80D2  | 21,0                                      |
|                                     | 2,2   | 649,0            | 7031,3                                | 1,3                        | P E 170 649     | T 90LB4 | 21,0                                      |
|                                     | 2,2   | 660,4            | 7129,3                                | 1,8                        | P E 190 660,37  | T 90LB4 | 27,0                                      |
|                                     | 2,2   | 1294,8           | 7162,9                                | 0,8                        | P E 150 1294,77 | T 80D2  | 16,0                                      |
|                                     | 2,1   | 697,9            | 7545,4                                | 1,2                        | P E 170 697,85  | T 90LB4 | 21,0                                      |
|                                     | 2,1   | 697,5            | 7547,2                                | 0,8                        | P E 150 697,51  | T 90LB4 | 16,0                                      |
|                                     | 2,0   | 704,9            | 7622,0                                | 1,6                        | P E 190 704,94  | T 90LB4 | 27,0                                      |
|                                     | 2,0   | 1395,7           | 7698,0                                | 1,5                        | P E 190 1395,69 | T 80D2  | 27,0                                      |
|                                     | 2,0   | 1395,7           | 7698,0                                | 1,1                        | P E 170 1395,69 | T 80D2  | 21,0                                      |
|                                     | 1,9   | 743,0            | 8059,7                                | 0,7                        | P E 150 743,02  | T 90LB4 | 16,0                                      |
|                                     | 1,9   | 756,8            | 8184,8                                | 1,5                        | P E 190 756,78  | T 90LB4 | 27,0                                      |
|                                     | 1,9   | 756,8            | 8186,0                                | 1,1                        | P E 170 756,78  | T 90LB4 | 21,0                                      |
|                                     | 1,9   | 766,5            | 8275,9                                | 0,7                        | P E 150 766,52  | T 90LB4 | 16,0                                      |
| 1,8                                 | 1546,4  | 8546,7           | 1,3                                   | P E 190 1546,36            | T 80D2          | 27,0    |   |
| 1,8                                 | 1546,4  | 8546,3           | 0,9                                   | P E 170 1546,36            | T 80D2          | 21,0    |   |
| 1,8                                 | 811,3   | 8790,0           | 1,0                                   | P E 170 811,25             | T 90LB4         | 21,0    |   |
| 1,7                                 | 824,1   | 8889,8           | 1,4                                   | P E 190 824,12             | T 90LB4         | 27,0    |   |
| 1,6                                 | 879,8   | 9489,7           | 1,3                                   | P E 190 879,75             | T 90LB4         | 27,0    |   |
| 1,6                                 | 879,8   | 9490,3           | 0,9                                   | P E 170 879,75             | T 90LB4         | 21,0    |   |
| 1,5                                 | 958,0   | 10383,0          | 1,2                                   | P E 190 958,04             | T 90LB4         | 27,0    |   |
| 1,5                                 | 981,4   | 10595,2          | 0,8                                   | P E 170 981,35             | T 90LB4         | 21,0    |   |
| 1,3                                 | 1064,2  | 11544,4          | 1,1                                   | P E 190 1064,22            | T 90LB4         | 27,0    |   |
| 1,3                                 | 1064,2  | 11546,7          | 0,8                                   | P E 170 1064,22            | T 90LB4         | 21,0    |   |
| 1,2                                 | 1158,9  | 12576,9          | 1,0                                   | P E 190 1158,92            | T 90LB4         | 27,0    |   |
| 1,2                                 | 1158,9  | 12577,6          | 0,7                                   | P E 170 1158,92            | T 90LB4         | 21,0    |   |
| 1,1                                 | 1268,2  | 13694,5          | 0,9                                   | P E 190 1268,2             | T 90LB4         | 27,0    |   |
| 1,0                                 | 1395,7  | 15171,9          | 0,8                                   | P E 190 1395,69            | T 90LB4         | 27,0    |   |
| 0,9                                 | 1546,4  | 16816,1          | 0,7                                   | P E 190 1546,36            | T 90LB4         | 27,0    |   |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
|                                     | 950.0   | 3.0              | 21.0                                 | 3.7                        | P - 63 2 3  | T 90L2  | 5.6                                       |
|                                     | 730.8   | 3.9              | 27.3                                 | 3.3                        | P - 63 2 3.9  | T 90L2  | 5.6                                       |
|                                     | 662.8   | 4.3              | 30.1                                 | 3.2                        | P - 63 2 4.3  | T 90L2  | 5.6                                       |
|                                     | 570.0   | 5.0              | 35.0                                 | 3.1                        | P - 63 2 5  | T 90L2  | 5.6                                       |
|                                     | 550.0   | 2.6              | 36.3                                 | 3.6                        | P - 71 2 2.6  | T 100A4   | 7.5                                       |
|                                     | 508.9   | 5.6              | 39.2                                 | 3.2                        | P - 63 2 5.6  | T 90L2  | 5.6                                       |
|                                     | 476.7   | 3.0              | 41.9                                 | 1.9                        | P - 63 2 3  | T 100A4   | 5.6                                       |
|                                     | 459.7   | 6.2              | 43.4                                 | 3.0                        | P - 63 2 6.2  | T 90L2  | 5.6                                       |
|                                     | 446.9   | 3.2              | 44.7                                 | 3.4                        | P - 71 2 3.2  | T 100A4   | 7.5                                       |
|                                     | 438.5   | 6.5              | 45.5                                 | 3.0                        | P - 63 2 6.5  | T 90L2  | 5.6                                       |
|                                     | 385.1   | 7.4              | 51.8                                 | 2.7                        | P - 63 2 7.4  | T 90L2  | 5.6                                       |
|                                     | 376.3   | 3.8              | 53.0                                 | 3.3                        | P - 71 2 3.8  | T 100A4   | 7.5                                       |
|                                     | 369.2   | 2.6              | 54.1                                 | 2.4                        | P - 71 2 2.6  | T 112A6   | 7.5                                       |
|                                     | 366.7   | 3.9              | 54.4                                 | 2.0                        | P - 63 2 3.9  | T 100A4   | 5.6                                       |
|                                     | 361.5   | 2.6              | 55.2                                 | 2.4                        | P - 71 2 2.6  | T 100BL6  | 7.5                                       |
|                                     | 356.3   | 8.0              | 56.0                                 | 2.7                        | P - 63 2 8  | T 90L2  | 5.6                                       |
|                                     | 332.6   | 4.3              | 60.0                                 | 3.3                        | P - 71 2 4.3  | T 100A4   | 7.5                                       |
|                                     | 332.6   | 4.3              | 60.0                                 | 2.2                        | P - 63 2 4.3  | T 100A4   | 5.6                                       |
|                                     | 320.0   | 3.0              | 62.4                                 | 1.4                        | P - 63 2 3  | T 112A6   | 5.6                                       |
|                                     | 316.7   | 9.0              | 63.0                                 | 2.6                        | P - 63 2 9  | T 90L2  | 5.6                                       |
|                                     | 313.3   | 3.0              | 63.7                                 | 1.3                        | P - 63 2 3  | T 100BL6  | 5.6                                       |
|                                     | 300.0   | 3.2              | 66.5                                 | 2.3                        | P - 71 2 3.2  | T 112A6   | 7.5                                       |
|                                     | 293.8   | 3.2              | 67.9                                 | 2.2                        | P - 71 2 3.2  | T 100BL6  | 7.5                                       |
|                                     | 286.0   | 5.0              | 69.8                                 | 2.0                        | P - 63 2 5  | T 100A4   | 5.6                                       |
|                                     | 274.0   | 10.4             | 72.8                                 | 2.5                        | P - 63 2 10.4   | T 90L2  | 5.6                                       |
|                                     | 269.8   | 5.3              | 74.0                                 | 2.8                        | P - 71 2 5.3  | T 100A4   | 7.5                                       |
|                                     | 255.4   | 5.6              | 78.2                                 | 2.0                        | P - 63 2 5.6  | T 100A4   | 5.6                                       |
|                                     | 252.6   | 3.8              | 79.0                                 | 2.3                        | P - 71 2 3.8  | T 112A6   | 7.5                                       |
|                                     | 247.4   | 3.8              | 80.7                                 | 2.2                        | P - 71 2 3.8  | T 100BL6  | 7.5                                       |
|                                     | 246.2   | 3.9              | 81.1                                 | 1.4                        | P - 63 2 3.9  | T 112A6   | 5.6                                       |
|                                     | 241.5   | 11.8             | 82.6                                 | 2.3                        | P - 63 2 11.8   | T 90L2  | 5.6                                       |
|                                     | 241.0   | 3.9              | 82.8                                 | 1.4                        | P - 63 2 3.9  | T 100BL6  | 5.6                                       |
|                                     | 231.7   | 12.3             | 86.1                                 | 3.3                        | P - 71 2 12.3   | T 90L2  | 7.5                                       |
|                                     | 230.7   | 6.2              | 86.5                                 | 3.0                        | P - 71 2 6.2  | T 100A4   | 7.5                                       |
|                                     | 230.7   | 6.2              | 86.5                                 | 1.8                        | P - 63 2 6.2  | T 100A4   | 5.6                                       |
|                                     | 223.3   | 4.3              | 89.4                                 | 2.3                        | P - 71 2 4.3  | T 112A6   | 7.5                                       |
|                                     | 223.3   | 4.3              | 89.4                                 | 1.5                        | P - 63 2 4.3  | T 112A6   | 5.6                                       |
|                                     | 220.0   | 6.5              | 90.7                                 | 1.9                        | P - 63 2 6.5  | T 100A4   | 5.6                                       |
|                                     | 218.6   | 4.3              | 91.3                                 | 2.3                        | P - 71 2 4.3  | T 100BL6  | 7.5                                       |
|                                     | 218.6   | 4.3              | 91.3                                 | 1.5                        | P - 63 2 4.3  | T 100BL6  | 5.6                                       |
|                                     | 211.1   | 13.5             | 94.5                                 | 2.2                        | P - 63 2 13.5   | T 90L2  | 5.6                                       |
|                                     | 201.4   | 7.1              | 99.1                                 | 3.0                        | P - 71 2 7.1  | T 100A4   | 7.5                                       |
|                                     | 197.9   | 14.4             | 100.8                                | 1.9                        | P - 63 2 14.4   | T 90L2  | 5.6                                       |
|                                     | 193.2   | 7.4              | 103.3                                | 1.7                        | P - 63 2 7.4  | T 100A4   | 5.6                                       |
|                                     | 192.0   | 5.0              | 104.0                                | 1.4                        | P - 63 2 5  | T 112A6   | 5.6                                       |
|                                     | 188.0   | 5.0              | 106.2                                | 1.4                        | P - 63 2 5  | T 100BL6  | 5.6                                       |
|                                     | 181.1   | 5.3              | 110.2                                | 2.1                        | P - 71 2 5.3  | T 112A6   | 7.5                                       |
|                                     | 178.8   | 8.0              | 111.7                                | 1.8                        | P - 63 2 8  | T 100A4   | 5.6                                       |
|                                     | 177.4   | 5.3              | 112.5                                | 2.0                        | P - 71 2 5.3  | T 100BL6  | 7.5                                       |
|                                     | 177.0   | 16.1             | 112.8                                | 3.7                        | P - 71 2 16.1   | T 90L2  | 7.5                                       |
|                                     | 171.4   | 5.6              | 116.4                                | 1.5                        | P - 63 2 5.6  | T 112A6   | 5.6                                       |
|                                     | 168.6   | 16.9             | 118.4                                | 1.9                        | P - 63 2 16.9   | T 90L2  | 5.6                                       |
|                                     | 167.9   | 5.6              | 118.9                                | 1.4                        | P - 63 2 5.6  | T 100BL6  | 5.6                                       |
|                                     | 164.7   | 17.3             | 121.2                                | 3.5                        | P - 71 2 17.3   | T 90L2  | 7.5                                       |
|                                     | 164.4   | 8.7              | 121.4                                | 2.6                        | P - 71 2 8.7  | T 100A4   | 7.5                                       |
|                                     | 158.9   | 9.0              | 125.6                                | 1.7                        | P - 63 2 9  | T 100A4   | 5.6                                       |
|                                     | 154.8   | 6.2              | 128.9                                | 2.3                        | P - 71 2 6.2  | T 112A6   | 7.5                                       |
|                                     | 154.8   | 6.2              | 128.9                                | 1.4                        | P - 63 2 6.2  | T 112A6   | 5.6                                       |
|                                     | 152.4   | 18.7             | 131.0                                | 3.2                        | P - 71 2 18.7   | T 90L2  | 7.5                                       |
|                                     | 151.6   | 6.2              | 131.7                                | 2.3                        | P - 71 2 6.2  | T 100BL6  | 7.5                                       |
|                                     | 151.6   | 6.2              | 131.7                                | 1.3                        | P - 63 2 6.2  | T 100BL6  | 5.6                                       |
|                                     | 147.7   | 6.5              | 135.1                                | 1.4                        | P - 63 2 6.5  | T 112A6   | 5.6                                       |
|                                     | 146.2   | 19.5             | 136.5                                | 4.0                        | P - 80 2 19.49  | T 90L2  | 7.5                                       |
|                                     | 144.6   | 6.5              | 138.0                                | 1.3                        | P - 63 2 6.5  | T 100BL6  | 5.6                                       |
|                                     | 143.9   | 19.8             | 138.7                                | 1.7                        | P - 63 2 19.8   | T 90L2  | 5.6                                       |
|                                     | 141.1   | 20.2             | 141.5                                | 3.0                        | P - 71 2 20.2   | T 90L2  | 7.5                                       |
|                                     | 140.2   | 10.2             | 142.4                                | 3.0                        | P - 71 2 10.2   | T 100A4   | 7.5                                       |
|                                     | 139.0   | 20.5             | 143.6                                | 1.5                        | P - 63 2 20.5   | T 90L2  | 5.6                                       |
|                                     | 138.8   | 20.5             | 143.8                                | 3.8                        | P - 80 2 20.53  | T 90L2  | 7.5                                       |
|                                     | 137.5   | 10.4             | 145.2                                | 1.5                        | P - 63 2 10.4   | T 100A4   | 5.6                                       |
|                                     | 135.2   | 7.1              | 147.6                                | 2.2                        | P - 71 2 7.1  | T 112A6   | 7.5                                       |
|                                     | 132.8   | 21.5             | 150.3                                | 3.6                        | P - 80 2 21.46  | T 90L2  | 7.5                                       |
|                                     | 132.4   | 7.1              | 150.7                                | 2.2                        | P - 71 2 7.1  | T 100BL6  | 7.5                                       |
|                                     | 130.1   | 21.9             | 153.4                                | 2.7                        | P - 71 2 21.9   | T 90L2  | 7.5                                       |
|                                     | 129.7   | 7.4              | 153.8                                | 1.2                        | P - 63 2 7.4  | T 112A6   | 5.6                                       |
|                                     | 127.0   | 7.4              | 157.1                                | 1.2                        | P - 63 2 7.4  | T 100BL6  | 5.6                                       |
|                                     | 123.3   | 11.6             | 161.9                                | 2.7                        | P - 71 2 11.6   | T 100A4   | 7.5                                       |
|                                     | 121.2   | 11.8             | 164.7                                | 1.4                        | P - 63 2 11.8   | T 100A4   | 5.6                                       |
|                                     | 120.0   | 8.0              | 166.3                                | 1.3                        | P - 63 2 8  | T 112A6   | 5.6                                       |
|                                     | 119.3   | 23.9             | 167.3                                | 3.2                        | P - 80 2 23.89  | T 90L2  | 7.5                                       |
|                                     | 118.3   | 24.1             | 168.8                                | 1.2                        | P - 63 2 24.1   | T 90L2  | 5.6                                       |
|                                     | 117.5   | 8.0              | 169.8                                | 1.3                        | P - 63 2 8  | T 100BL6  | 5.6                                       |
|                                     | 116.3   | 12.3             | 171.7                                | 1.7                        | P - 71 2 12.3   | T 100A4   | 7.5                                       |
|                                     | 112.7   | 25.3             | 177.2                                | 2.0                        | P - 71 2 25.3   | T 90L2  | 7.5                                       |
|                                     | 110.3   | 8.7              | 180.9                                | 3.1                        | P - 90 2 8.7  | T 112A6   | 10.5                                      |
|                                     | 110.3   | 8.7              | 180.9                                | 1.9                        | P - 71 2 8.7  | T 112A6   | 7.5                                       |
|                                     | 109.2   | 26.1             | 182.8                                | 1.2                        | P - 63 2 26.1   | T 90L2  | 5.6                                       |
|                                     | 108.4   | 26.3             | 184.2                                | 2.9                        | P - 80 2 26.3   | T 90L2  | 7.5                                       |
|                                     | 108.1   | 8.7              | 184.7                                | 3.0                        | P - 90 2 8.7  | T 100BL6  | 10.5                                      |
|                                     | 108.1   | 8.7              | 184.7                                | 1.9                        | P - 71 2 8.7  | T 100BL6  | 7.5                                       |
|                                     | 108.0   | 26.4             | 181.0                                | 3.0                        | P L 63 3 26.4   | T 90L2  | 8.0                                       |
|                                     | 106.7   | 9.0              | 187.1                                | 1.2                        | P - 63 2 9  | T 112A6   | 5.6                                       |
|                                     | 105.9   | 13.5             | 188.4                                | 1.3                        | P - 63 2 13.5   | T 100A4   | 5.6                                       |
|                                     | 104.4   | 9.0              | 191.1                                | 1.2                        | P - 63 2 9  | T 100BL6  | 5.6                                       |
|                                     | 104.0   | 13.8             | 191.9                                | 3.9                        | P - 80 2 13.75  | T 100A4   | 7.5                                       |

2,2







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|--------|---|
| 103.2                               | 9.3   | 193.3            | 2.9                                   | P - 90 2 9.3               | T 112A6  | 10.5   |   |
| 102.9                               | 27.7  | 194.0            | 3.8                                   | P - 90 2 27.7              | T 90L2   | 10.5   |   |
| 102.1                               | 14.0  | 195.4            | 2.3                                   | P - 71 2 14                | T 100A4  | 7.5    |   |
| 102.1                               | 9.4   | 195.4            | 3.8                                   | P - 80 2 9.4               | T 112A6  | 7.5    |   |
| 101.1                               | 9.3   | 197.5            | 2.8                                   | P - 90 2 9.3               | T 100BL6 | 10.5   |   |
| 100.4                               | 28.4  | 198.8            | 2.7                                   | P - 80 2 28.38             | T 90L2   | 7.5    |   |
| 100.0                               | 9.4   | 199.6            | 3.8                                   | P - 80 2 9.4               | T 100BL6 | 7.5    |   |
| 99.3                                | 14.4  | 201.0            | 1.1                                   | P - 63 2 14.4              | T 100A4  | 5.6    |   |
| 99.3                                | 28.7  | 196.7            | 1.1                                   | P L 45 3 28.7              | T 90L2   | 6.5    |   |
| 99.0                                | 28.8  | 201.7            | 2.0                                   | P - 71 2 28.8              | T 90L2   | 7.5    |   |
| 97.0                                | 14.7  | 205.7            | 3.6                                   | P - 80 2 14.74             | T 100A4  | 7.5    |   |
| 95.6                                | 10.0  | 208.7            | 3.4                                   | P - 80 2 10.04             | T 112A6  | 7.5    |   |
| 94.5                                | 30.2  | 211.2            | 2.6                                   | P - 80 2 30.15             | T 90L2   | 7.5    |   |
| 94.1                                | 10.2  | 212.1            | 2.2                                   | P - 71 2 10.2              | T 112A6  | 7.5    |   |
| 93.6                                | 10.0  | 213.2            | 3.4                                   | P - 80 2 10.04             | T 100BL6 | 7.5    |   |
| 93.4                                | 30.5  | 213.6            | 3.5                                   | P - 90 2 30.5              | T 90L2   | 10.5   |   |
| 92.3                                | 10.4  | 216.2            | 1.1                                   | P - 63 2 10.4              | T 112A6  | 5.6    |   |
| 92.2                                | 10.2  | 216.6            | 2.2                                   | P - 71 2 10.2              | T 100BL6 | 7.5    |   |
| 90.4                                | 10.4  | 220.8            | 1.1                                   | P - 63 2 10.4              | T 100BL6 | 5.6    |   |
| 89.9                                | 31.7  | 222.0            | 1.0                                   | P - 63 2 31.7              | T 90L2   | 5.6    |   |
| 89.1                                | 32.0  | 219.4            | 1.0                                   | P L 45 3 32                | T 90L2   | 6.5    |   |
| 88.8                                | 16.1  | 224.7            | 2.0                                   | P - 71 2 16.1              | T 100A4  | 7.5    |   |
| 88.2                                | 32.3  | 221.4            | 2.4                                   | P L 65 3 32.3              | T 90L2   | 8.0    |   |
| 86.2                                | 10.9  | 231.4            | 4.0                                   | P - 90 2 10.9              | T 100BL6 | 10.5   |   |
| 86.1                                | 33.1  | 231.8            | 1.6                                   | P - 71 2 33.1              | T 90L2   | 7.5    |   |
| 84.6                                | 16.9  | 235.8            | 1.1                                   | P - 63 2 16.9              | T 100A4  | 5.6    |   |
| 83.8                                | 17.1  | 238.3            | 3.6                                   | P - 80 2 17.07             | T 100A4  | 7.5    |   |
| 83.6                                | 17.1  | 238.7            | 3.8                                   | P - 90 2 17.1              | T 100A4  | 10.5   |   |
| 82.8                                | 11.6  | 241.2            | 2.0                                   | P - 71 2 11.6              | T 112A6  | 7.5    |   |
| 82.7                                | 17.3  | 241.5            | 1.9                                   | P - 71 2 17.3              | T 100A4  | 7.5    |   |
| 82.6                                | 11.6  | 241.6            | 3.0                                   | P - 80 2 11.62             | T 112A6  | 7.5    |   |
| 81.9                                | 34.8  | 243.6            | 2.2                                   | P - 80 2 34.79             | T 90L2   | 7.5    |   |
| 81.4                                | 35.0  | 245.1            | 2.9                                   | P - 90 2 35                | T 90L2   | 10.5   |   |
| 81.4                                | 11.8  | 245.3            | 1.0                                   | P - 63 2 11.8              | T 112A6  | 5.6    |   |
| 81.0                                | 11.6  | 246.3            | 1.9                                   | P - 71 2 11.6              | T 100BL6 | 7.5    |   |
| 80.9                                | 11.6  | 246.7            | 2.9                                   | P - 80 2 11.62             | T 100BL6 | 7.5    |   |
| 79.7                                | 11.8  | 250.6            | 1.0                                   | P - 63 2 11.8              | T 100BL6 | 5.6    |   |
| 78.1                                | 12.3  | 255.7            | 3.6                                   | P - 90 2 12.3              | T 112A6  | 10.5   |   |
| 78.1                                | 12.3  | 255.7            | 1.2                                   | P - 71 2 12.3              | T 112A6  | 7.5    |   |
| 77.9                                | 36.6  | 256.3            | 0.9                                   | P - 63 2 36.6              | T 90L2   | 5.6    |   |
| 77.5                                | 18.5  | 257.5            | 3.5                                   | P - 80 2 18.45             | T 100A4  | 7.5    |   |
| 76.5                                | 18.7  | 261.0            | 1.8                                   | P - 71 2 18.7              | T 100A4  | 7.5    |   |
| 76.4                                | 12.3  | 261.2            | 3.5                                   | P - 90 2 12.3              | T 100BL6 | 10.5   |   |
| 76.4                                | 12.3  | 261.2            | 1.2                                   | P - 71 2 12.3              | T 100BL6 | 7.5    |   |
| 76.4                                | 37.3  | 261.2            | 1.4                                   | P - 71 2 37.3              | T 90L2   | 7.5    |   |
| 75.8                                | 37.6  | 257.8            | 2.1                                   | P L 65 3 37.6              | T 90L2   | 8.0    |   |
| 75.1                                | 38.0  | 265.8            | 2.0                                   | P - 80 2 37.95             | T 90L2   | 7.5    |   |
| 73.6                                | 38.7  | 265.3            | 2.6                                   | P - 90 3 38.7              | T 90L2   | 7.5    |   |
| 73.4                                | 19.5  | 272.1            | 2.2                                   | P - 80 2 19.49             | T 100A4  | 7.5    |   |
| 72.2                                | 19.8  | 276.4            | 3.3                                   | P - 90 2 19.8              | T 100A4  | 10.5   |   |
| 72.2                                | 19.8  | 276.4            | 0.9                                   | P - 63 2 19.8              | T 100A4  | 5.6    |   |
| 72.2                                | 39.5  | 270.8            | 1.6                                   | P - 71 3 39.5              | T 90L2   | 5.4    |   |
| 71.9                                | 39.6  | 277.5            | 1.6                                   | P - 80 2 39.63             | T 90L2   | 7.5    |   |
| 71.1                                | 13.5  | 280.6            | 0.9                                   | P - 63 2 13.5              | T 112A6  | 5.6    |   |
| 70.8                                | 20.2  | 282.0            | 1.6                                   | P - 71 2 20.2              | T 100A4  | 7.5    |   |
| 70.5                                | 40.4  | 283.0            | 2.1                                   | P - 90 2 40.4              | T 90L2   | 10.5   |   |
| 70.4                                | 40.5  | 283.7            | 0.8                                   | P - 63 2 40.5              | T 90L2   | 5.6    |   |
| 69.8                                | 13.8  | 285.9            | 2.9                                   | P - 80 2 13.75             | T 112A6  | 7.5    |   |
| 69.8                                | 20.5  | 286.0            | 0.8                                   | P - 63 2 20.5              | T 100A4  | 5.6    |   |
| 69.7                                | 40.9  | 280.5            | 0.8                                   | P L 45 3 40.9              | T 90L2   | 6.5    |   |
| 69.7                                | 20.5  | 286.6            | 2.1                                   | P - 80 2 20.53             | T 100A4  | 7.5    |   |
| 69.6                                | 13.5  | 286.7            | 0.9                                   | P - 63 2 13.5              | T 100BL6 | 5.6    |   |
| 68.6                                | 14.0  | 291.1            | 3.2                                   | P - 90 2 14                | T 112A6  | 10.5   |   |
| 68.6                                | 14.0  | 291.1            | 1.6                                   | P - 71 2 14                | T 112A6  | 7.5    |   |
| 68.4                                | 13.8  | 292.0            | 2.8                                   | P - 80 2 13.75             | T 100BL6 | 7.5    |   |
| 67.5                                | 42.3  | 295.9            | 1.5                                   | P - 80 2 42.25             | T 90L2   | 7.5    |   |
| 67.1                                | 14.0  | 297.3            | 3.1                                   | P - 90 2 14                | T 100BL6 | 10.5   |   |
| 67.1                                | 14.0  | 297.3            | 1.6                                   | P - 71 2 14                | T 100BL6 | 7.5    |   |
| 66.8                                | 21.4  | 298.7            | 3.0                                   | P - 90 2 21.4              | T 100A4  | 10.5   |   |
| 66.7                                | 14.4  | 299.4            | 0.8                                   | P - 63 2 14.4              | T 112A6  | 5.6    |   |
| 66.6                                | 21.5  | 299.5            | 2.0                                   | P - 80 2 21.46             | T 100A4  | 7.5    |   |
| 65.3                                | 21.9  | 305.6            | 1.5                                   | P - 71 2 21.9              | T 100A4  | 7.5    |   |
| 65.3                                | 14.4  | 305.7            | 0.8                                   | P - 63 2 14.4              | T 100BL6 | 5.6    |   |
| 65.2                                | 43.7  | 299.6            | 3.6                                   | P L 85 3 43.7              | T 90L2   | 11.0   |   |
| 65.2                                | 43.7  | 299.6            | 2.5                                   | P - 90 3 43.7              | T 90L2   | 7.5    |   |
| 65.1                                | 14.7  | 306.4            | 2.7                                   | P - 80 2 14.74             | T 112A6  | 7.5    |   |
| 64.6                                | 44.1  | 308.8            | 2.3                                   | P - 90 2 44.1              | T 90L2   | 10.5   |   |
| 63.8                                | 14.7  | 313.0            | 2.6                                   | P - 80 2 14.74             | T 100BL6 | 7.5    |   |
| 63.8                                | 44.7  | 313.1            | 1.3                                   | P - 71 2 44.7              | T 90L2   | 7.5    |   |
| 62.4                                | 45.7  | 313.3            | 0.7                                   | P L 45 3 45.7              | T 90L2   | 6.5    |   |
| 62.0                                | 46.0  | 315.4            | 1.7                                   | P L 65 3 46                | T 90L2   | 8.0    |   |
| 60.1                                | 23.8  | 325.2            | 2.5                                   | P L 85 3 23.8              | T 100A4  | 11.0   |   |
| 60.0                                | 16.0  | 332.7            | 2.8                                   | P - 90 2 16                | T 112A6  | 10.5   |   |
| 59.9                                | 23.9  | 333.4            | 1.8                                   | P - 80 2 23.89             | T 100A4  | 7.5    |   |
| 59.6                                | 16.1  | 334.7            | 1.4                                   | P - 71 2 16.1              | T 112A6  | 7.5    |   |
| 59.2                                | 48.1  | 337.2            | 1.3                                   | P - 80 2 48.14             | T 90L2   | 7.5    |   |
| 58.8                                | 16.0  | 339.7            | 2.7                                   | P - 90 2 16                | T 100BL6 | 10.5   |   |
| 58.4                                | 48.8  | 334.5            | 2.2                                   | P - 90 3 48.8              | T 90L2   | 7.5    |   |
| 58.4                                | 16.1  | 341.9            | 1.4                                   | P - 71 2 16.1              | T 100BL6 | 7.5    |   |
| 57.2                                | 25.0  | 349.0            | 2.6                                   | P - 90 2 25                | T 100A4  | 10.5   |   |
| 56.8                                | 16.9  | 351.5            | 0.7                                   | P - 63 2 16.9              | T 112A6  | 5.6    |   |
| 56.5                                | 25.3  | 353.2            | 1.2                                   | P - 71 2 25.3              | T 100A4  | 7.5    |   |
| 56.4                                | 50.5  | 353.7            | 1.1                                   | P - 71 2 50.5              | T 90L2   | 7.5    |   |
| 56.2                                | 17.1  | 354.9            | 2.6                                   | P - 80 2 17.07             | T 112A6  | 7.5    |   |
| 56.1                                | 17.1  | 355.5            | 2.6                                   | P - 90 2 17.1              | T 112A6  | 10.5   |   |

2,2



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 56.0  | 50.9             | 356.3                                 | 0.9                        | P - 80 2 50.87  | T 90L2  | 7.5                                       |
|                                     | 56.0  | 50.9             | 356.5                                 | 2.0                        | P - 90 2 50.9   | T 90L2  | 10.5                                      |
|                                     | 55.7  | 51.2             | 351.1                                 | 3.8                        | P - 112 3 51.2  | T 90L2  | 11.8                                      |
|                                     | 55.6  | 16.9             | 358.9                                 | 0.7                        | P - 63 2 16.9   | T 100BL6  | 5.6                                       |
|                                     | 55.5  | 17.3             | 359.7                                 | 1.3                        | P - 71 2 17.3   | T 112A6   | 7.5                                       |
|                                     | 55.1  | 17.1             | 362.4                                 | 2.6                        | P - 80 2 17.07  | T 100BL6  | 7.5                                       |
|                                     | 55.0  | 17.1             | 363.1                                 | 2.5                        | P - 90 2 17.1   | T 100BL6  | 10.5                                      |
|                                     | 54.4  | 26.3             | 367.1                                 | 1.6                        | P - 80 2 26.3   | T 100A4   | 7.5                                       |
|                                     | 54.3  | 17.3             | 367.3                                 | 1.3                        | P - 71 2 17.3   | T 100BL6  | 7.5                                       |
|                                     | 54.2  | 26.4             | 360.7                                 | 1.7                        | P L 65 3 26.4   | T 100A4   | 8.0                                       |
|                                     | 53.3  | 53.5             | 366.8                                 | 1.1                        | P - 71 3 53.5   | T 90L2  | 5.4                                       |
|                                     | 52.5  | 54.3             | 372.3                                 | 1.5                        | P L 65 3 54.3   | T 90L2  | 8.0                                       |
|                                     | 52.0  | 18.5             | 383.6                                 | 2.6                        | P - 80 2 18.45  | T 112A6   | 7.5                                       |
|                                     | 52.0  | 27.5             | 375.8                                 | 2.5                        | P L 85 3 27.5   | T 100A4   | 11.0                                      |
|                                     | 51.6  | 55.2             | 378.4                                 | 1.9                        | P - 90 3 55.2   | T 90L2  | 7.5                                       |
|                                     | 51.6  | 27.7             | 386.6                                 | 2.4                        | P - 90 2 27.7   | T 100A4   | 10.5                                      |
|                                     | 51.4  | 55.5             | 388.7                                 | 0.8                        | P - 80 2 55.49  | T 90L2  | 7.5                                       |
|                                     | 51.3  | 18.7             | 388.8                                 | 1.2                        | P - 71 2 18.7   | T 112A6   | 7.5                                       |
|                                     | 51.0  | 18.5             | 391.7                                 | 2.5                        | P - 80 2 18.45  | T 100BL6  | 7.5                                       |
|                                     | 50.6  | 56.3             | 386.0                                 | 2.8                        | P L 85 3 56.3   | T 90L2  | 11.0                                      |
|                                     | 50.4  | 28.4             | 396.2                                 | 1.5                        | P - 80 2 28.38  | T 100A4   | 7.5                                       |
|                                     | 50.3  | 18.7             | 397.0                                 | 1.2                        | P - 71 2 18.7   | T 100BL6  | 7.5                                       |
|                                     | 49.7  | 28.8             | 402.1                                 | 1.1                        | P - 71 2 28.8   | T 100A4   | 7.5                                       |
|                                     | 49.3  | 19.5             | 405.2                                 | 1.6                        | P - 80 2 19.49  | T 112A6   | 7.5                                       |
|                                     | 48.7  | 58.5             | 401.0                                 | 3.5                        | P - 112 3 58.5  | T 90L2  | 11.8                                      |
|                                     | 48.5  | 19.8             | 411.7                                 | 2.2                        | P - 90 2 19.8   | T 112A6   | 10.5                                      |
|                                     | 48.2  | 19.5             | 413.9                                 | 1.6                        | P - 80 2 19.49  | T 100BL6  | 7.5                                       |
|                                     | 47.5  | 20.2             | 420.0                                 | 1.1                        | P - 71 2 20.2   | T 112A6   | 7.5                                       |
|                                     | 47.5  | 19.8             | 420.4                                 | 2.2                        | P - 90 2 19.8   | T 100BL6  | 10.5                                      |
|                                     | 47.4  | 30.2             | 420.8                                 | 1.4                        | P - 80 2 30.15  | T 100A4   | 7.5                                       |
|                                     | 46.9  | 30.5             | 425.7                                 | 2.1                        | P - 90 2 30.5   | T 100A4   | 10.5                                      |
|                                     | 46.9  | 60.8             | 416.8                                 | 1.0                        | P - 71 3 60.8   | T 90L2  | 5.4                                       |
|                                     | 46.8  | 20.5             | 426.9                                 | 1.5                        | P - 80 2 20.53  | T 112A6   | 7.5                                       |
|                                     | 46.5  | 20.2             | 428.9                                 | 1.1                        | P - 71 2 20.2   | T 100BL6  | 7.5                                       |
|                                     | 46.1  | 61.8             | 432.9                                 | 0.7                        | P - 80 2 61.79  | T 90L2  | 7.5                                       |
|                                     | 45.8  | 20.5             | 436.0                                 | 1.5                        | P - 80 2 20.53  | T 100BL6  | 7.5                                       |
|                                     | 45.8  | 62.3             | 427.1                                 | 1.8                        | P - 90 3 62.3   | T 90L2  | 7.5                                       |
|                                     | 45.5  | 62.7             | 429.9                                 | 3.3                        | P - 112 3 62.7  | T 90L2  | 11.8                                      |
|                                     | 44.9  | 21.4             | 444.9                                 | 2.1                        | P - 90 2 21.4   | T 112A6   | 10.5                                      |
|                                     | 44.7  | 21.5             | 446.2                                 | 1.5                        | P - 80 2 21.46  | T 112A6   | 7.5                                       |
|                                     | 44.6  | 63.9             | 438.1                                 | 2.5                        | P L 85 3 63.9   | T 90L2  | 11.0                                      |
|                                     | 44.4  | 64.2             | 440.2                                 | 1.0                        | P - 71 3 64.2   | T 90L2  | 5.4                                       |
|                                     | 44.3  | 32.3             | 450.9                                 | 3.9                        | P - 112 2 32.3  | T 100A4   | 16.5                                      |
|                                     | 44.3  | 32.3             | 441.3                                 | 1.4                        | P L 65 3 32.3   | T 100A4   | 8.0                                       |
|                                     | 44.3  | 64.4             | 441.6                                 | 1.2                        | P L 65 3 64.4   | T 90L2  | 8.0                                       |
|                                     | 43.9  | 21.4             | 454.3                                 | 2.0                        | P - 90 2 21.4   | T 100BL6  | 10.5                                      |
|                                     | 43.8  | 21.9             | 455.4                                 | 1.1                        | P - 71 2 21.9   | T 112A6   | 7.5                                       |
|                                     | 43.8  | 21.5             | 455.7                                 | 1.4                        | P - 80 2 21.46  | T 100BL6  | 7.5                                       |
|                                     | 43.2  | 33.1             | 462.1                                 | 0.9                        | P - 71 2 33.1   | T 100A4   | 7.5                                       |
|                                     | 42.9  | 21.9             | 465.0                                 | 1.0                        | P - 71 2 21.9   | T 100BL6  | 7.5                                       |
|                                     | 42.3  | 67.4             | 462.1                                 | 3.1                        | P - 112 3 67.4  | T 90L2  | 11.8                                      |
|                                     | 41.5  | 34.5             | 471.4                                 | 2.3                        | P L 85 3 34.5   | T 100A4   | 11.0                                      |
|                                     | 41.1  | 34.8             | 485.7                                 | 1.2                        | P - 80 2 34.79  | T 100A4   | 7.5                                       |
|                                     | 40.9  | 35.0             | 488.5                                 | 1.7                        | P - 90 2 35   | T 100A4   | 10.5                                      |
|                                     | 40.7  | 23.6             | 480.3                                 | 3.6                        | P L 95 3 23.6   | T 112A6   | 16.0                                      |
|                                     | 40.4  | 70.6             | 484.0                                 | 1.7                        | P - 90 3 70.6   | T 90L2  | 7.5                                       |
|                                     | 40.3  | 23.8             | 484.3                                 | 1.8                        | P L 85 3 23.8   | T 112A6   | 11.0                                      |
|                                     | 40.2  | 23.9             | 496.8                                 | 1.3                        | P - 80 2 23.89  | T 112A6   | 7.5                                       |
|                                     | 39.8  | 23.6             | 490.6                                 | 3.6                        | P L 95 3 23.6   | T 100BL6  | 16.0                                      |
|                                     | 39.5  | 23.8             | 494.7                                 | 1.7                        | P L 85 3 23.8   | T 100BL6  | 11.0                                      |
|                                     | 39.4  | 23.9             | 507.2                                 | 1.3                        | P - 80 2 23.89  | T 100BL6  | 7.5                                       |
|                                     | 39.3  | 72.6             | 497.7                                 | 3.0                        | P - 112 3 72.6  | T 90L2  | 11.8                                      |
|                                     | 38.5  | 74.0             | 507.4                                 | 2.1                        | P L 85 3 74   | T 90L2  | 11.0                                      |
|                                     | 38.4  | 25.0             | 519.8                                 | 1.8                        | P - 90 2 25   | T 112A6   | 10.5                                      |
|                                     | 38.3  | 37.3             | 520.5                                 | 0.8                        | P - 71 2 37.3   | T 100A4   | 7.5                                       |
|                                     | 38.3  | 74.4             | 510.1                                 | 1.1                        | P L 65 3 74.4   | T 90L2  | 8.0                                       |
|                                     | 38.0  | 37.6             | 513.8                                 | 1.2                        | P L 65 3 37.6   | T 100A4   | 8.0                                       |
|                                     | 37.9  | 25.3             | 525.9                                 | 0.8                        | P - 71 2 25.3   | T 112A6   | 7.5                                       |
|                                     | 37.8  | 25.4             | 528.0                                 | 3.3                        | P - 112 2 25.4  | T 112A6   | 16.5                                      |
|                                     | 37.8  | 75.4             | 516.8                                 | 0.8                        | P - 71 3 75.4   | T 90L2  | 5.4                                       |
|                                     | 37.7  | 38.0             | 529.7                                 | 1.1                        | P - 80 2 37.95  | T 100A4   | 7.5                                       |
|                                     | 37.6  | 25.0             | 530.8                                 | 1.7                        | P - 90 2 25   | T 100BL6  | 10.5                                      |
|                                     | 37.4  | 76.3             | 523.2                                 | 1.5                        | P - 90 3 76.3   | T 90L2  | 7.5                                       |
|                                     | 37.2  | 25.3             | 537.2                                 | 0.8                        | P - 71 2 25.3   | T 100BL6  | 7.5                                       |
|                                     | 37.0  | 25.4             | 539.3                                 | 3.2                        | P - 112 2 25.4  | T 100BL6  | 16.5                                      |
|                                     | 37.0  | 38.7             | 528.8                                 | 2.3                        | P L 85 3 38.7   | T 100A4   | 11.0                                      |
|                                     | 37.0  | 38.7             | 528.8                                 | 1.7                        | P - 90 3 38.7   | T 100A4   | 7.5                                       |
|                                     | 36.8  | 38.9             | 542.9                                 | 3.2                        | P - 112 2 38.9  | T 100A4   | 16.5                                      |
|                                     | 36.5  | 26.3             | 546.9                                 | 1.2                        | P - 80 2 26.3   | T 112A6   | 7.5                                       |
|                                     | 36.4  | 26.4             | 537.4                                 | 1.2                        | P L 65 3 26.4   | T 112A6   | 8.0                                       |
|                                     | 36.3  | 78.5             | 538.2                                 | 2.8                        | P - 112 3 78.5  | T 90L2  | 11.8                                      |
|                                     | 36.1  | 39.6             | 553.3                                 | 0.9                        | P - 80 2 39.63  | T 100A4   | 7.5                                       |
|                                     | 35.7  | 26.3             | 558.4                                 | 1.2                        | P - 80 2 26.3   | T 100BL6  | 7.5                                       |
|                                     | 35.6  | 26.4             | 548.7                                 | 1.2                        | P L 65 3 26.4   | T 100BL6  | 8.0                                       |
|                                     | 35.4  | 40.4             | 563.9                                 | 1.3                        | P - 90 2 40.4   | T 100A4   | 10.5                                      |
|                                     | 35.3  | 40.5             | 553.4                                 | 3.8                        | P L 95 3 40.5   | T 100A4   | 16.0                                      |
|                                     | 35.1  | 40.7             | 568.0                                 | 3.1                        | P - 112 2 40.7  | T 100A4   | 16.5                                      |
|                                     | 35.0  | 27.4             | 557.6                                 | 3.5                        | P L 95 3 27.4   | T 112A6   | 16.0                                      |
|                                     | 34.9  | 27.5             | 559.7                                 | 1.8                        | P L 85 3 27.5   | T 112A6   | 11.0                                      |
|                                     | 34.7  | 27.7             | 575.8                                 | 1.6                        | P - 90 2 27.7   | T 112A6   | 10.5                                      |
|                                     | 34.4  | 82.8             | 567.7                                 | 1.4                        | P - 90 3 82.8   | T 90L2  | 7.5                                       |
|                                     | 34.3  | 27.4             | 569.5                                 | 3.4                        | P L 95 3 27.4   | T 100BL6  | 16.0                                      |
|                                     | 34.2  | 27.5             | 571.7                                 | 1.7                        | P L 85 3 27.5   | T 100BL6  | 11.0                                      |
|                                     | 33.9  | 27.7             | 588.0                                 | 1.6                        | P - 90 2 27.7   | T 100BL6  | 10.5                                      |
|                                     | 33.9  | 42.3             | 589.5                                 | 0.8                        | P - 80 2 42.25  | T 100A4   | 7.5                                       |

2,2

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 33,8  | 28,4             | 590,0                                | 1,1                        | P - 80 2 28.38  | T 112A6  | 7,5                                       |
|                                     | 33,6  | 84,9             | 582,1                                | 1,9                        | P L 85 3 84.9   | T 90L2   | 11,0                                      |
|                                     | 33,4  | 85,4             | 585,5                                | 0,9                        | P L 65 3 85.4   | T 90L2   | 8,0                                       |
|                                     | 33,3  | 28,8             | 598,8                                | 0,8                        | P - 71 2 28.8   | T 112A6  | 7,5                                       |
|                                     | 33,1  | 86,0             | 589,6                                | 3,6                        | P L 95 3 86     | T 90L2   | 16,0                                      |
|                                     | 33,1  | 28,4             | 602,7                                | 1,1                        | P - 80 2 28.38  | T 100BL6 | 7,5                                       |
|                                     | 33,0  | 29,1             | 605,0                                | 3,1                        | P - 112 2 29.1  | T 112A6  | 16,5                                      |
|                                     | 32,8  | 86,8             | 595,0                                | 0,7                        | P - 71 3 86.8   | T 90L2   | 5,4                                       |
|                                     | 32,7  | 43,7             | 597,1                                | 2,0                        | P L 85 3 43.7   | T 100A4  | 11,0                                      |
|                                     | 32,7  | 43,7             | 597,3                                | 1,5                        | P - 90 3 43.7   | T 100A4  | 7,5                                       |
|                                     | 32,7  | 87,3             | 598,5                                | 2,5                        | P - 112 3 87.3  | T 90L2   | 11,8                                      |
|                                     | 32,6  | 28,8             | 611,5                                | 0,8                        | P - 71 2 28.8   | T 100BL6 | 7,5                                       |
|                                     | 32,4  | 44,1             | 615,5                                | 1,4                        | P - 90 2 44.1   | T 100A4  | 10,5                                      |
|                                     | 32,3  | 29,1             | 618,0                                | 3,0                        | P - 112 2 29.1  | T 100BL6 | 16,5                                      |
|                                     | 32,3  | 44,3             | 618,3                                | 3,6                        | P - 125 2 44.3  | T 100A4  | 21,0                                      |
|                                     | 32,0  | 44,7             | 623,9                                | 2,8                        | P - 112 2 44.7  | T 100A4  | 16,5                                      |
|                                     | 32,0  | 44,7             | 623,9                                | 0,7                        | P - 71 2 44.7   | T 100A4  | 7,5                                       |
|                                     | 31,8  | 30,2             | 626,8                                | 1,0                        | P - 80 2 30.15  | T 112A6  | 7,5                                       |
|                                     | 31,8  | 30,2             | 627,9                                | 3,8                        | P - 125 2 30.2  | T 112A6  | 21,0                                      |
|                                     | 31,5  | 30,5             | 634,1                                | 1,5                        | P - 90 2 30.5   | T 112A6  | 10,5                                      |
|                                     | 31,2  | 30,2             | 640,2                                | 1,0                        | P - 80 2 30.15  | T 100BL6 | 7,5                                       |
|                                     | 31,1  | 30,2             | 641,2                                | 3,7                        | P - 125 2 30.2  | T 100BL6 | 21,0                                      |
|                                     | 31,1  | 46,0             | 628,6                                | 1,0                        | P L 65 3 46     | T 100A4  | 8,0                                       |
|                                     | 30,8  | 30,5             | 647,7                                | 1,4                        | P - 90 2 30.5   | T 100BL6 | 10,5                                      |
|                                     | 30,6  | 93,3             | 639,5                                | 1,3                        | P - 90 3 93.3   | T 90L2   | 7,5                                       |
|                                     | 30,5  | 46,9             | 640,9                                | 3,3                        | P L 95 3 46.9   | T 100A4  | 16,0                                      |
|                                     | 30,5  | 93,6             | 641,6                                | 2,3                        | P - 112 3 93.6  | T 90L2   | 11,8                                      |
|                                     | 29,7  | 32,3             | 671,6                                | 2,8                        | P - 112 2 32.3  | T 112A6  | 16,5                                      |
|                                     | 29,7  | 32,3             | 657,5                                | 1,0                        | P L 65 3 32.3   | T 112A6  | 8,0                                       |
|                                     | 29,7  | 48,1             | 672,0                                | 0,7                        | P - 80 2 48.14  | T 100A4  | 7,5                                       |
|                                     | 29,3  | 48,8             | 666,9                                | 1,4                        | P - 90 3 48.8   | T 100A4  | 7,5                                       |
|                                     | 29,2  | 48,9             | 682,6                                | 2,6                        | P - 112 2 48.9  | T 100A4  | 16,5                                      |
|                                     | 29,2  | 32,9             | 669,6                                | 3,4                        | P L 95 3 32.9   | T 112A6  | 16,0                                      |
|                                     | 29,1  | 32,3             | 685,9                                | 2,7                        | P - 112 2 32.3  | T 100BL6 | 16,5                                      |
|                                     | 29,1  | 32,3             | 671,4                                | 1,0                        | P L 65 3 32.3   | T 100BL6 | 8,0                                       |
|                                     | 29,1  | 98,0             | 671,9                                | 1,6                        | P L 85 3 98     | T 90L2   | 11,0                                      |
|                                     | 29,0  | 98,4             | 674,7                                | 3,1                        | P L 95 3 98.4   | T 90L2   | 16,0                                      |
|                                     | 28,8  | 99,0             | 678,9                                | 0,8                        | P L 65 3 99     | T 90L2   | 8,0                                       |
|                                     | 28,6  | 32,9             | 683,9                                | 3,3                        | P L 95 3 32.9   | T 100BL6 | 16,0                                      |
|                                     | 28,3  | 100,6            | 689,7                                | 1,2                        | P - 90 3 100.6  | T 90L2   | 7,5                                       |
|                                     | 28,2  | 50,7             | 700,1                                | 4,0                        | P L 105 3 50.7  | T 100A4  | 22,0                                      |
|                                     | 28,1  | 50,9             | 710,5                                | 1,2                        | P - 90 2 50.9   | T 100A4  | 10,5                                      |
|                                     | 27,9  | 51,2             | 699,6                                | 2,4                        | P - 112 3 51.2  | T 100A4  | 11,8                                      |
|                                     | 27,8  | 34,5             | 702,0                                | 1,6                        | P L 85 3 34.5   | T 112A6  | 11,0                                      |
|                                     | 27,6  | 34,8             | 723,4                                | 0,9                        | P - 80 2 34.79  | T 112A6  | 7,5                                       |
|                                     | 27,4  | 35,0             | 727,6                                | 1,2                        | P - 90 2 35     | T 112A6  | 10,5                                      |
|                                     | 27,3  | 34,5             | 717,1                                | 1,6                        | P L 85 3 34.5   | T 100BL6 | 11,0                                      |
|                                     | 27,0  | 34,8             | 738,6                                | 0,9                        | P - 80 2 34.79  | T 100BL6 | 7,5                                       |
|                                     | 26,9  | 53,1             | 741,2                                | 3,0                        | P - 125 2 53.1  | T 100A4  | 21,0                                      |
|                                     | 26,9  | 35,0             | 743,1                                | 1,2                        | P - 90 2 35     | T 100BL6 | 10,5                                      |
|                                     | 26,3  | 54,3             | 742,0                                | 0,8                        | P L 65 3 54.3   | T 100A4  | 8,0                                       |
|                                     | 26,3  | 108,4            | 743,2                                | 2,0                        | P - 112 3 108.4 | T 90L2   | 11,8                                      |
|                                     | 26,2  | 108,9            | 746,7                                | 1,2                        | P - 90 3 108.9  | T 90L2   | 7,5                                       |
|                                     | 26,1  | 54,7             | 747,5                                | 2,8                        | P L 95 3 54.7   | T 100A4  | 16,0                                      |
|                                     | 26,0  | 55,0             | 759,6                                | 3,8                        | P L 105 3 55    | T 100A4  | 22,0                                      |
|                                     | 25,9  | 55,2             | 754,0                                | 1,2                        | P - 90 3 55.2   | T 100A4  | 7,5                                       |
|                                     | 25,8  | 110,5            | 765,7                                | 3,9                        | P L 105 3 110.5 | T 90L2   | 22,0                                      |
|                                     | 25,5  | 37,6             | 765,5                                | 0,8                        | P L 65 3 37.6   | T 112A6  | 8,0                                       |
|                                     | 25,4  | 56,3             | 769,2                                | 1,6                        | P L 85 3 56.3   | T 100A4  | 11,0                                      |
|                                     | 25,3  | 38,0             | 788,9                                | 0,8                        | P - 80 2 37.95  | T 112A6  | 7,5                                       |
|                                     | 25,1  | 38,2             | 794,2                                | 3,2                        | P - 125 2 38.2  | T 112A6  | 21,0                                      |
|                                     | 25,1  | 113,5            | 778,3                                | 1,4                        | P L 85 3 113.5  | T 90L2   | 11,0                                      |
|                                     | 25,0  | 37,6             | 781,4                                | 0,8                        | P L 65 3 37.6   | T 100BL6 | 8,0                                       |
|                                     | 24,9  | 38,5             | 791,9                                | 3,9                        | P L 105 3 38.5  | T 112A6  | 22,0                                      |
|                                     | 24,9  | 57,5             | 802,5                                | 2,7                        | P - 125 2 57.5  | T 100A4  | 21,0                                      |
|                                     | 24,8  | 38,7             | 787,7                                | 1,7                        | P L 85 3 38.7   | T 112A6  | 11,0                                      |
|                                     | 24,8  | 38,7             | 787,5                                | 1,2                        | P - 90 3 38.7   | T 112A6  | 7,5                                       |
|                                     | 24,8  | 38,0             | 805,7                                | 0,8                        | P - 80 2 37.95  | T 100BL6 | 7,5                                       |
|                                     | 24,7  | 38,9             | 808,7                                | 2,3                        | P - 112 2 38.9  | T 112A6  | 16,5                                      |
|                                     | 24,6  | 38,2             | 811,1                                | 3,1                        | P - 125 2 38.2  | T 100BL6 | 21,0                                      |
|                                     | 24,6  | 116,0            | 795,3                                | 2,6                        | P L 95 3 116    | T 90L2   | 16,0                                      |
|                                     | 24,4  | 58,5             | 799,4                                | 2,2                        | P - 112 3 58.5  | T 100A4  | 11,8                                      |
|                                     | 24,4  | 38,5             | 808,8                                | 3,8                        | P L 105 3 38.5  | T 100BL6 | 22,0                                      |
|                                     | 24,3  | 117,2            | 803,5                                | 1,9                        | P - 112 3 117.2 | T 90L2   | 11,8                                      |
|                                     | 24,3  | 38,7             | 804,5                                | 1,6                        | P L 85 3 38.7   | T 100BL6 | 11,0                                      |
|                                     | 24,3  | 38,7             | 804,6                                | 1,2                        | P - 90 3 38.7   | T 100BL6 | 7,5                                       |
|                                     | 24,2  | 38,9             | 826,1                                | 2,2                        | P - 112 2 38.9  | T 100BL6 | 16,5                                      |
|                                     | 23,8  | 40,4             | 840,2                                | 0,9                        | P - 90 2 40.4   | T 112A6  | 10,5                                      |
|                                     | 23,7  | 40,5             | 824,4                                | 2,8                        | P L 95 3 40.5   | T 112A6  | 16,0                                      |
|                                     | 23,6  | 40,7             | 846,2                                | 2,1                        | P - 112 2 40.7  | T 112A6  | 16,5                                      |
|                                     | 23,5  | 40,9             | 850,4                                | 3,8                        | P - 132 2 40.91 | T 112A6  | 30,0                                      |
|                                     | 23,3  | 40,4             | 857,9                                | 0,9                        | P - 90 2 40.4   | T 100BL6 | 10,5                                      |
|                                     | 23,2  | 40,5             | 841,8                                | 2,7                        | P L 95 3 40.5   | T 100BL6 | 16,0                                      |
|                                     | 23,1  | 40,7             | 864,1                                | 2,1                        | P - 112 2 40.7  | T 100BL6 | 16,5                                      |
|                                     | 23,0  | 40,9             | 868,6                                | 3,8                        | P - 132 2 40.91 | T 100BL6 | 30,0                                      |
|                                     | 23,0  | 62,3             | 851,6                                | 1,1                        | P - 90 3 62.3   | T 100A4  | 7,5                                       |
|                                     | 22,8  | 62,7             | 865,8                                | 3,4                        | P L 105 3 62.7  | T 100A4  | 22,0                                      |
|                                     | 22,8  | 62,7             | 856,7                                | 2,0                        | P - 112 3 62.7  | T 100A4  | 11,8                                      |
|                                     | 22,8  | 125,0            | 857,0                                | 1,1                        | P - 90 3 125    | T 90L2   | 7,5                                       |
|                                     | 22,6  | 126,1            | 873,8                                | 3,5                        | P L 105 3 126.1 | T 90L2   | 22,0                                      |
|                                     | 22,4  | 63,9             | 873,0                                | 1,4                        | P L 85 3 63.9   | T 100A4  | 11,0                                      |
|                                     | 22,2  | 128,3            | 879,8                                | 1,7                        | P - 112 3 128.3 | T 90L2   | 11,8                                      |
|                                     | 22,0  | 43,7             | 889,3                                | 1,5                        | P L 85 3 43.7   | T 112A6  | 11,0                                      |
|                                     | 22,0  | 43,7             | 889,2                                | 1,1                        | P - 90 3 43.7   | T 112A6  | 7,5                                       |
|                                     | 21,9  | 65,4             | 893,5                                | 2,5                        | P L 95 3 65.4   | T 100A4  | 16,0                                      |

2,2



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 21.8  | 44.1             | 916.7                                 | 1.0                        | P - 90 2 44.1   | T 112A6  | 10.5                                      |
|                                     | 21.7  | 44.3             | 921.1                                 | 2.6                        | P - 125 2 44.3  | T 112A6  | 21.0                                      |
|                                     | 21.5  | 43.7             | 908.5                                 | 1.4                        | P L 85 3 43.7   | T 100BL6 | 11.0                                      |
|                                     | 21.5  | 43.7             | 908.3                                 | 1.0                        | P - 90 3 43.7   | T 100BL6 | 7.5                                       |
|                                     | 21.5  | 44.7             | 929.1                                 | 1.9                        | P - 112 2 44.7  | T 112A6  | 16.5                                      |
|                                     | 21.4  | 44.9             | 923.7                                 | 3.3                        | P L 105 3 44.9  | T 112A6  | 22.0                                      |
|                                     | 21.3  | 44.1             | 936.4                                 | 1.0                        | P - 90 2 44.1   | T 100BL6 | 10.5                                      |
|                                     | 21.2  | 44.3             | 940.6                                 | 2.5                        | P - 125 2 44.3  | T 100BL6 | 21.0                                      |
|                                     | 21.2  | 67.4             | 920.8                                 | 1.9                        | P - 112 3 67.4  | T 100A4  | 11.8                                      |
|                                     | 21.2  | 134.4            | 921.2                                 | 2.3                        | P L 95 3 134.4  | T 90L2   | 16.0                                      |
|                                     | 21.0  | 44.7             | 949.2                                 | 1.9                        | P - 112 2 44.7  | T 100BL6 | 16.5                                      |
|                                     | 20.9  | 44.9             | 943.2                                 | 3.2                        | P L 105 3 44.9  | T 100BL6 | 22.0                                      |
|                                     | 20.8  | 136.8            | 938.0                                 | 1.2                        | P L 85 3 136.8  | T 90L2   | 11.0                                      |
|                                     | 20.5  | 46.9             | 954.5                                 | 2.4                        | P L 95 3 46.9   | T 112A6  | 16.0                                      |
|                                     | 20.4  | 139.9            | 969.5                                 | 3.2                        | P L 105 3 139.9 | T 90L2   | 22.0                                      |
|                                     | 20.3  | 70.6             | 964.8                                 | 0.9                        | P - 90 3 70.6   | T 100A4  | 7.5                                       |
|                                     | 20.2  | 70.7             | 976.3                                 | 3.0                        | P L 105 3 70.7  | T 100A4  | 22.0                                      |
|                                     | 20.2  | 141.0            | 966.7                                 | 0.9                        | P - 90 3 141    | T 90L2   | 7.5                                       |
|                                     | 20.0  | 46.9             | 975.1                                 | 2.3                        | P L 95 3 46.9   | T 100BL6 | 16.0                                      |
|                                     | 19.7  | 72.6             | 991.8                                 | 1.8                        | P - 112 3 72.6  | T 100A4  | 11.8                                      |
|                                     | 19.7  | 48.8             | 993.3                                 | 1.0                        | P - 90 3 48.8   | T 112A6  | 7.5                                       |
|                                     | 19.6  | 48.9             | 1016.7                                | 1.8                        | P - 112 2 48.9  | T 112A6  | 16.5                                      |
|                                     | 19.3  | 74.0             | 1011.5                                | 1.2                        | P L 85 3 74     | T 100A4  | 11.0                                      |
|                                     | 19.3  | 74.2             | 1014.0                                | 2.4                        | P L 95 3 74.2   | T 100A4  | 16.0                                      |
|                                     | 19.3  | 148.0            | 1014.4                                | 1.5                        | P - 112 3 148   | T 90L2   | 11.8                                      |
|                                     | 19.3  | 48.8             | 1014.6                                | 0.9                        | P - 90 3 48.8   | T 100BL6 | 7.5                                       |
|                                     | 19.2  | 48.9             | 1038.5                                | 1.8                        | P - 112 2 48.9  | T 100BL6 | 16.5                                      |
|                                     | 18.9  | 50.7             | 1043.4                                | 2.9                        | P L 105 3 50.7  | T 112A6  | 22.0                                      |
|                                     | 18.9  | 50.9             | 1058.2                                | 0.9                        | P - 90 2 50.9   | T 112A6  | 10.5                                      |
|                                     | 18.8  | 151.5            | 1005.3                                | 3.2                        | P E 125 151.48  | T 90L2   | 10.5                                      |
|                                     | 18.8  | 51.2             | 1042.0                                | 1.8                        | P - 112 3 51.2  | T 112A6  | 11.8                                      |
|                                     | 18.7  | 76.3             | 1042.7                                | 0.9                        | P - 90 3 76.3   | T 100A4  | 7.5                                       |
|                                     | 18.5  | 50.7             | 1065.2                                | 2.9                        | P L 105 3 50.7  | T 100BL6 | 22.0                                      |
|                                     | 18.5  | 153.9            | 1066.3                                | 2.9                        | P L 105 3 153.9 | T 90L2   | 22.0                                      |
|                                     | 18.5  | 50.9             | 1080.7                                | 0.9                        | P - 90 2 50.9   | T 100BL6 | 10.5                                      |
|                                     | 18.4  | 51.2             | 1064.2                                | 1.7                        | P - 112 3 51.2  | T 100BL6 | 11.8                                      |
|                                     | 18.4  | 155.2            | 1064.3                                | 0.9                        | P - 90 3 155.2  | T 90L2   | 7.5                                       |
|                                     | 18.2  | 78.5             | 1072.4                                | 1.6                        | P - 112 3 78.5  | T 100A4  | 11.8                                      |
|                                     | 18.1  | 53.1             | 1104.0                                | 2.2                        | P - 125 2 53.1  | T 112A6  | 21.0                                      |
|                                     | 18.0  | 158.6            | 1052.2                                | 3.3                        | P E 132 158.56  | T 90L2   | 12.0                                      |
|                                     | 17.9  | 158.9            | 1089.1                                | 1.9                        | P L 95 3 158.9  | T 90L2   | 16.0                                      |
|                                     | 17.9  | 79.8             | 1102.0                                | 2.7                        | P L 105 3 79.8  | T 100A4  | 22.0                                      |
|                                     | 17.8  | 160.0            | 1097.0                                | 1.0                        | P L 85 3 160    | T 90L2   | 11.0                                      |
|                                     | 17.7  | 53.1             | 1127.6                                | 2.1                        | P - 125 2 53.1  | T 100BL6 | 21.0                                      |
|                                     | 17.6  | 54.7             | 1113.4                                | 2.1                        | P L 95 3 54.7   | T 112A6  | 16.0                                      |
|                                     | 17.5  | 55.0             | 1131.7                                | 2.8                        | P L 105 3 55    | T 112A6  | 22.0                                      |
|                                     | 17.4  | 55.2             | 1123.8                                | 0.8                        | P - 90 3 55.2   | T 112A6  | 7.5                                       |
|                                     | 17.3  | 82.8             | 1131.7                                | 0.8                        | P - 90 3 82.8   | T 100A4  | 7.5                                       |
|                                     | 17.2  | 54.7             | 1137.3                                | 2.0                        | P L 95 3 54.7   | T 100BL6 | 16.0                                      |
|                                     | 17.1  | 55.0             | 1155.6                                | 2.7                        | P L 105 3 55    | T 100BL6 | 22.0                                      |
|                                     | 17.1  | 167.0            | 1144.6                                | 1.3                        | P - 112 3 167   | T 90L2   | 11.8                                      |
|                                     | 17.1  | 56.3             | 1145.8                                | 1.1                        | P L 85 3 56.3   | T 112A6  | 11.0                                      |
|                                     | 17.0  | 55.2             | 1147.4                                | 0.8                        | P - 90 3 55.2   | T 100BL6 | 7.5                                       |
|                                     | 16.8  | 169.2            | 1172.8                                | 2.7                        | P L 105 3 169.2 | T 90L2   | 22.0                                      |
|                                     | 16.8  | 84.9             | 1160.4                                | 1.0                        | P L 85 3 84.9   | T 100A4  | 11.0                                      |
|                                     | 16.7  | 57.5             | 1195.1                                | 2.0                        | P - 125 2 57.5  | T 112A6  | 21.0                                      |
|                                     | 16.7  | 56.3             | 1170.2                                | 1.1                        | P L 85 3 56.3   | T 100BL6 | 11.0                                      |
|                                     | 16.6  | 86.0             | 1174.9                                | 2.0                        | P L 95 3 86     | T 100A4  | 16.0                                      |
|                                     | 16.4  | 173.5            | 1150.8                                | 3.0                        | P E 132 173.51  | T 90L2   | 12.0                                      |
|                                     | 16.4  | 58.5             | 1190.6                                | 1.6                        | P - 112 3 58.5  | T 112A6  | 11.8                                      |
|                                     | 16.4  | 87.3             | 1193.1                                | 1.5                        | P - 112 3 87.3  | T 100A4  | 11.8                                      |
|                                     | 16.4  | 87.4             | 1207.1                                | 2.6                        | P L 105 3 87.4  | T 100A4  | 22.0                                      |
|                                     | 16.4  | 57.5             | 1220.8                                | 2.0                        | P - 125 2 57.5  | T 100BL6 | 21.0                                      |
|                                     | 16.1  | 58.5             | 1216.0                                | 1.5                        | P - 112 3 58.5  | T 100BL6 | 11.8                                      |
|                                     | 16.0  | 178.1            | 1221.5                                | 0.7                        | P - 90 3 178.1  | T 90L2   | 7.5                                       |
|                                     | 15.8  | 90.6             | 1251.6                                | 2.6                        | P L 105 3 90.6  | T 100A4  | 22.0                                      |
|                                     | 15.4  | 184.6            | 1265.2                                | 0.9                        | P L 85 3 184.6  | T 90L2   | 11.0                                      |
|                                     | 15.4  | 62.3             | 1267.7                                | 0.7                        | P - 90 3 62.3   | T 112A6  | 7.5                                       |
|                                     | 15.4  | 185.2            | 1283.3                                | 2.5                        | P L 105 3 185.2 | T 90L2   | 22.0                                      |
|                                     | 15.4  | 185.6            | 1231.8                                | 2.6                        | P E 125 185.62  | T 90L2   | 10.5                                      |
|                                     | 15.3  | 93.3             | 1274.3                                | 0.7                        | P - 90 3 93.3   | T 100A4  | 7.5                                       |
|                                     | 15.3  | 62.7             | 1289.9                                | 2.4                        | P L 105 3 62.7  | T 112A6  | 22.0                                      |
|                                     | 15.3  | 62.7             | 1276.4                                | 1.5                        | P - 112 3 62.7  | T 112A6  | 11.8                                      |
|                                     | 15.3  | 93.6             | 1278.6                                | 1.4                        | P - 112 3 93.6  | T 100A4  | 11.8                                      |
|                                     | 15.2  | 187.1            | 1283.0                                | 1.6                        | P L 95 3 187.1  | T 90L2   | 16.0                                      |
|                                     | 15.1  | 62.3             | 1294.5                                | 0.7                        | P - 90 3 62.3   | T 100BL6 | 7.5                                       |
|                                     | 15.0  | 63.9             | 1300.6                                | 1.0                        | P L 85 3 63.9   | T 112A6  | 11.0                                      |
|                                     | 15.0  | 62.7             | 1317.6                                | 2.4                        | P L 105 3 62.7  | T 100BL6 | 22.0                                      |
|                                     | 15.0  | 62.7             | 1303.6                                | 1.4                        | P - 112 3 62.7  | T 100BL6 | 11.8                                      |
|                                     | 15.0  | 64.1             | 1318.4                                | 4.0                        | P L 115 3 64.1  | T 112A6  | 26.0                                      |
|                                     | 14.9  | 191.0            | 1266.4                                | 2.8                        | P E 132 190.95  | T 90L2   | 12.0                                      |
|                                     | 14.9  | 191.5            | 1313.2                                | 1.1                        | P - 112 3 191.5 | T 90L2   | 11.8                                      |
|                                     | 14.7  | 63.9             | 1328.4                                | 1.0                        | P L 85 3 63.9   | T 100BL6 | 11.0                                      |
|                                     | 14.7  | 65.4             | 1331.1                                | 1.8                        | P L 95 3 65.4   | T 112A6  | 16.0                                      |
|                                     | 14.7  | 64.1             | 1347.2                                | 3.9                        | P L 115 3 64.1  | T 100BL6 | 26.0                                      |
|                                     | 14.6  | 98.0             | 1339.4                                | 0.9                        | P L 85 3 98     | T 100A4  | 11.0                                      |
|                                     | 14.5  | 98.4             | 1344.9                                | 1.8                        | P L 95 3 98.4   | T 100A4  | 16.0                                      |
|                                     | 14.4  | 65.4             | 1359.6                                | 1.8                        | P L 95 3 65.4   | T 100BL6 | 16.0                                      |
|                                     | 14.3  | 199.5            | 1367.3                                | 1.5                        | P L 95 3 199.5  | T 90L2   | 16.0                                      |
|                                     | 14.2  | 100.4            | 1386.8                                | 2.4                        | P L 105 3 100.4 | T 100A4  | 22.0                                      |
|                                     | 14.2  | 67.4             | 1372.2                                | 1.4                        | P - 112 3 67.4  | T 112A6  | 11.8                                      |
|                                     | 14.0  | 204.1            | 1399.3                                | 0.8                        | P L 85 3 204.1  | T 90L2   | 11.0                                      |
|                                     | 14.0  | 67.4             | 1400.9                                | 1.3                        | P - 112 3 67.4  | T 100BL6 | 11.8                                      |
|                                     | 13.8  | 103.9            | 1435.2                                | 3.4                        | P L 115 3 103.9 | T 100A4  | 26.0                                      |
|                                     | 13.6  | 70.7             | 1454.4                                | 2.2                        | P L 105 3 70.7  | T 112A6  | 22.0                                      |

2,2



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 2,2                                 | 13,4  | 212,6            | 1411,0                               | 2,5                        | P E 132 212,62  | T 90L2   | 12,0                                      |
|                                     | 13,3  | 214,0            | 1466,7                               | 0,7                        | P L 85 3 214    | T 90L2   | 11,0                                      |
|                                     | 13,3  | 70,7             | 1484,8                               | 2,1                        | P L 105 3 70,7  | T 100BL6 | 22,0                                      |
|                                     | 13,2  | 72,6             | 1477,8                               | 1,3                        | P - 112 3 72,6  | T 112A6  | 11,8                                      |
|                                     | 13,2  | 108,4            | 1481,3                               | 1,2                        | P - 112 3 108,4 | T 100A4  | 11,8                                      |
|                                     | 13,2  | 216,6            | 1436,9                               | 3,8                        | P E 150 216,61  | T 90L2   | 16,0                                      |
|                                     | 13,0  | 73,8             | 1518,0                               | 3,6                        | P L 115 3 73,8  | T 112A6  | 26,0                                      |
|                                     | 13,0  | 74,0             | 1506,8                               | 0,9                        | P L 85 3 74     | T 112A6  | 11,0                                      |
|                                     | 13,0  | 72,6             | 1508,8                               | 1,2                        | P - 112 3 72,6  | T 100BL6 | 11,8                                      |
|                                     | 12,9  | 110,5            | 1526,2                               | 2,2                        | P L 105 3 110,5 | T 100A4  | 22,0                                      |
|                                     | 12,9  | 74,2             | 1509,9                               | 1,6                        | P L 95 3 74,2   | T 112A6  | 16,0                                      |
|                                     | 12,9  | 220,9            | 1514,5                               | 1,0                        | P - 112 3 220,9 | T 90L2   | 11,8                                      |
|                                     | 12,9  | 221,3            | 1517,2                               | 1,4                        | P L 95 3 221,3  | T 90L2   | 16,0                                      |
|                                     | 12,7  | 73,8             | 1550,2                               | 3,5                        | P L 115 3 73,8  | T 100BL6 | 26,0                                      |
|                                     | 12,7  | 74,0             | 1538,5                               | 0,8                        | P L 85 3 74     | T 100BL6 | 11,0                                      |
|                                     | 12,7  | 74,2             | 1542,1                               | 1,6                        | P L 95 3 74,2   | T 100BL6 | 16,0                                      |
|                                     | 12,6  | 113,5            | 1551,1                               | 0,8                        | P L 85 3 113,5  | T 100A4  | 11,0                                      |
|                                     | 12,5  | 227,3            | 1507,8                               | 2,1                        | P E 125 227,28  | T 90L2   | 10,5                                      |
|                                     | 12,5  | 114,3            | 1578,6                               | 3,2                        | P L 115 3 114,3 | T 100A4  | 26,0                                      |
|                                     | 12,3  | 116,0            | 1584,6                               | 1,5                        | P L 95 3 116    | T 100A4  | 16,0                                      |
|                                     | 12,2  | 78,5             | 1597,8                               | 1,2                        | P - 112 3 78,5  | T 112A6  | 11,8                                      |
|                                     | 12,2  | 117,2            | 1601,5                               | 1,1                        | P - 112 3 117,2 | T 100A4  | 11,8                                      |
|                                     | 12,2  | 234,0            | 1552,4                               | 2,3                        | P E 132 234     | T 90L2   | 12,0                                      |
|                                     | 12,0  | 79,8             | 1641,7                               | 2,0                        | P L 105 3 79,8  | T 112A6  | 22,0                                      |
|                                     | 12,0  | 78,5             | 1632,2                               | 1,1                        | P - 112 3 78,5  | T 100BL6 | 11,8                                      |
|                                     | 11,8  | 241,0            | 1651,7                               | 0,9                        | P - 112 3 241   | T 90L2   | 11,8                                      |
|                                     | 11,8  | 81,3             | 1672,3                               | 3,3                        | P L 115 3 81,3  | T 112A6  | 26,0                                      |
|                                     | 11,8  | 121,2            | 1673,8                               | 3,0                        | P L 115 3 121,2 | T 100A4  | 26,0                                      |
|                                     | 11,8  | 79,8             | 1676,6                               | 1,9                        | P L 105 3 79,8  | T 100BL6 | 22,0                                      |
|                                     | 11,7  | 243,2            | 1667,3                               | 1,3                        | P L 95 3 243,2  | T 90L2   | 16,0                                      |
|                                     | 11,6  | 81,3             | 1708,5                               | 3,2                        | P L 115 3 81,3  | T 100BL6 | 26,0                                      |
|                                     | 11,4  | 251,2            | 1665,9                               | 1,9                        | P E 125 251,17  | T 90L2   | 10,5                                      |
|                                     | 11,3  | 126,1            | 1741,6                               | 2,0                        | P L 105 3 126,1 | T 100A4  | 22,0                                      |
|                                     | 11,3  | 84,9             | 1728,1                               | 0,8                        | P L 85 3 84,9   | T 112A6  | 11,0                                      |
|                                     | 11,2  | 86,0             | 1750,7                               | 1,4                        | P L 95 3 86     | T 112A6  | 16,0                                      |
|                                     | 11,2  | 128,3            | 1752,4                               | 1,0                        | P - 112 3 128,3 | T 100A4  | 11,8                                      |
|                                     | 11,1  | 84,9             | 1765,4                               | 0,7                        | P L 85 3 84,9   | T 100BL6 | 11,0                                      |
|                                     | 11,0  | 87,2             | 1793,9                               | 3,0                        | P L 115 3 87,2  | T 112A6  | 26,0                                      |
|                                     | 11,0  | 87,3             | 1776,0                               | 1,0                        | P - 112 3 87,3  | T 112A6  | 11,8                                      |
|                                     | 11,0  | 87,4             | 1798,8                               | 1,9                        | P L 105 3 87,4  | T 112A6  | 22,0                                      |
|                                     | 11,0  | 260,3            | 1726,8                               | 2,0                        | P E 132 260,34  | T 90L2   | 12,0                                      |
|                                     | 10,9  | 86,0             | 1787,4                               | 1,3                        | P L 95 3 86     | T 100BL6 | 16,0                                      |
|                                     | 10,8  | 87,2             | 1832,0                               | 2,9                        | P L 115 3 87,2  | T 100BL6 | 26,0                                      |
|                                     | 10,8  | 87,3             | 1814,6                               | 1,0                        | P - 112 3 87,3  | T 100BL6 | 11,8                                      |
|                                     | 10,8  | 87,4             | 1835,2                               | 1,8                        | P L 105 3 87,4  | T 100BL6 | 22,0                                      |
|                                     | 10,7  | 265,4            | 1760,5                               | 3,1                        | P E 150 265,44  | T 90L2   | 16,0                                      |
|                                     | 10,7  | 266,2            | 1824,6                               | 1,2                        | P L 95 3 266,2  | T 90L2   | 16,0                                      |
|                                     | 10,6  | 134,4            | 1836,5                               | 1,3                        | P L 95 3 134,4  | T 100A4  | 16,0                                      |
|                                     | 10,6  | 90,6             | 1863,1                               | 1,9                        | P L 105 3 90,6  | T 112A6  | 22,0                                      |
|                                     | 10,5  | 135,8            | 1875,5                               | 2,7                        | P L 115 3 135,8 | T 100A4  | 26,0                                      |
| 10,4                                | 273,5   | 1814,7           | 1,7                                  | P E 125 273,48             | T 90L2          | 10,5     |   |
| 10,4                                | 90,6  | 1902,4           | 1,8                                  | P L 105 3 90,6             | T 100BL6        | 22,0     |   |
| 10,3                                | 93,6  | 1904,1           | 1,0                                  | P - 112 3 93,6             | T 112A6         | 11,8     |   |
| 10,3                                | 278,1   | 1906,4           | 0,8                                  | P - 112 3 278,1            | T 90L2          | 11,8     |   |
| 10,2                                | 139,9   | 1932,3           | 1,8                                  | P L 105 3 139,9            | T 100A4         | 22,0     |   |
| 10,1                                | 280,9   | 1864,7           | 2,9                                  | P E 150 280,94             | T 90L2          | 16,0     |   |
| 10,1                                | 141,7   | 1957,3           | 3,8                                  | P L 125 3 141,7            | T 100A4         | 33,0     |   |
| 10,0                                | 93,6  | 1945,8           | 1,0                                  | P - 112 3 93,6             | T 100BL6        | 11,8     |   |
| 10,0                                | 286,5   | 1900,3           | 1,8                                  | P E 132 286,51             | T 90L2          | 12,0     |   |
| 9,8                                 | 98,4  | 2002,3           | 1,2                                  | P L 95 3 98,4              | T 112A6         | 16,0     |   |
| 9,7                                 | 148,0   | 2023,1           | 0,9                                  | P - 112 3 148              | T 100A4         | 11,8     |   |
| 9,7                                 | 148,2   | 2046,5           | 2,4                                  | P L 115 3 148,2            | T 100A4         | 26,0     |   |
| 9,6                                 | 97,6  | 2050,8           | 4,0                                  | P L 125 3 97,6             | T 100BL6        | 33,0     |   |
| 9,6                                 | 100,4   | 2066,0           | 1,7                                  | P L 105 3 100,4            | T 112A6         | 22,0     |   |
| 9,6                                 | 98,4  | 2045,7           | 1,2                                  | P L 95 3 98,4              | T 100BL6        | 16,0     |   |
| 9,4                                 | 151,5   | 2003,1           | 1,7                                  | P E 125 151,48             | T 100A4         | 10,5     |   |
| 9,4                                 | 100,4   | 2110,1           | 1,7                                  | P L 105 3 100,4            | T 100BL6        | 22,0     |   |
| 9,3                                 | 153,9   | 2126,1           | 1,6                                  | P L 105 3 153,9            | T 100A4         | 22,0     |   |
| 9,3                                 | 307,7   | 2041,8           | 1,6                                  | P E 125 307,71             | T 90L2          | 10,5     |   |
| 9,2                                 | 103,9   | 2137,5           | 2,5                                  | P L 115 3 103,9            | T 112A6         | 26,0     |   |
| 9,2                                 | 155,1   | 2142,0           | 3,5                                  | P L 125 3 155,1            | T 100A4         | 33,0     |   |
| 9,2                                 | 310,5   | 2059,6           | 2,6                                  | P E 150 310,47             | T 90L2          | 16,0     |   |
| 9,1                                 | 103,9   | 2182,4           | 2,4                                  | P L 115 3 103,9            | T 100BL6        | 26,0     |   |
| 9,0                                 | 106,2   | 2184,8           | 3,7                                  | P L 125 3 106,2            | T 112A6         | 33,0     |   |
| 9,0                                 | 158,6   | 2096,2           | 1,9                                  | P E 132 158,56             | T 100A4         | 12,0     |   |
| 9,0                                 | 316,6   | 2101,0           | 1,7                                  | P E 132 316,62             | T 90L2          | 12,0     |   |
| 9,0                                 | 158,9   | 2171,1           | 1,1                                  | P L 95 3 158,9             | T 100A4         | 16,0     |   |
| 8,9                                 | 108,4   | 2205,9           | 0,8                                  | P - 112 3 108,4            | T 112A6         | 11,8     |   |
| 8,9                                 | 106,2   | 2231,7           | 3,7                                  | P L 125 3 106,2            | T 100BL6        | 33,0     |   |
| 8,8                                 | 325,0   | 2156,1           | 2,5                                  | P E 150 325                | T 90L2          | 16,0     |   |
| 8,8                                 | 163,1   | 2251,8           | 2,2                                  | P L 115 3 163,1            | T 100A4         | 26,0     |   |
| 8,7                                 | 110,5   | 2272,7           | 1,6                                  | P L 105 3 110,5            | T 112A6         | 22,0     |   |
| 8,7                                 | 108,4   | 2253,3           | 0,8                                  | P - 112 3 108,4            | T 100BL6        | 11,8     |   |
| 8,6                                 | 330,6   | 2193,5           | 3,7                                  | P E 170 330,6              | T 90L2          | 21,0     |   |
| 8,6                                 | 167,0   | 2282,2           | 0,8                                  | P - 112 3 167              | T 100A4         | 11,8     |   |
| 8,5                                 | 110,5   | 2320,8           | 1,5                                  | P L 105 3 110,5            | T 100BL6        | 22,0     |   |
| 8,5                                 | 169,2   | 2336,9           | 1,5                                  | P L 105 3 169,2            | T 100A4         | 22,0     |   |
| 8,4                                 | 114,3   | 2351,2           | 2,3                                  | P L 115 3 114,3            | T 112A6         | 26,0     |   |
| 8,4                                 | 170,7   | 2356,8           | 3,2                                  | P L 125 3 170,7            | T 100A4         | 33,0     |   |
| 8,3                                 | 116,0   | 2360,3           | 1,0                                  | P L 95 3 116               | T 112A6         | 16,0     |   |
| 8,3                                 | 116,3   | 2393,7           | 3,4                                  | P L 125 3 116,3            | T 112A6         | 33,0     |   |
| 8,2                                 | 173,5   | 2294,7           | 1,7                                  | P E 132 173,51             | T 100A4         | 12,0     |   |
| 8,2                                 | 114,3   | 2402,6           | 2,3                                  | P L 115 3 114,3            | T 100BL6        | 26,0     |   |
| 8,2                                 | 117,2   | 2386,0           | 0,8                                  | P - 112 3 117,2            | T 112A6         | 11,8     |   |
| 8,1                                 | 350,3   | 2322,6           | 1,1                                  | P E 125 350,27             | T 90L2          | 10,5     |   |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
| 2,2                                 | 8,1   | 116,0            | 2412,1                                | 1,0                        | P L 95 3 116    | T 100BL6 | 16,0                                      |
|                                     | 8,1   | 352,5            | 2337,6                                | 1,5                        | P E 132 352,46  | T 90L2   | 12,0                                      |
|                                     | 8,1   | 116,3            | 2444,2                                | 3,3                        | P L 125 3 116,3 | T 100BL6 | 33,0                                      |
|                                     | 8,0   | 117,2            | 2435,7                                | 0,8                        | P - 112 3 117,2 | T 100BL6 | 11,8                                      |
|                                     | 8,0   | 357,1            | 2369,7                                | 3,4                        | P E 170 357,1   | T 90L2   | 21,0                                      |
|                                     | 7,9   | 359,2            | 2384,6                                | 2,3                        | P E 150 359,17  | T 90L2   | 16,0                                      |
|                                     | 7,9   | 121,2            | 2493,6                                | 2,2                        | P L 115 3 121,2 | T 112A6  | 26,0                                      |
|                                     | 7,8   | 121,2            | 2545,0                                | 2,1                        | P L 115 3 121,2 | T 100BL6 | 26,0                                      |
|                                     | 7,7   | 185,2            | 2558,1                                | 1,4                        | P L 105 3 185,2 | T 100A4  | 22,0                                      |
|                                     | 7,7   | 185,6            | 2455,4                                | 1,4                        | P E 125 185,62  | T 100A4  | 10,5                                      |
|                                     | 7,6   | 187,1            | 2556,9                                | 0,9                        | P L 95 3 187,1  | T 100A4  | 16,0                                      |
|                                     | 7,6   | 126,1            | 2595,4                                | 1,4                        | P L 105 3 126,1 | T 112A6  | 22,0                                      |
|                                     | 7,6   | 189,1            | 2612,4                                | 2,9                        | P L 125 3 189,1 | T 100A4  | 33,0                                      |
|                                     | 7,6   | 377,5            | 2504,6                                | 3,2                        | P E 170 377,45  | T 90L2   | 21,0                                      |
|                                     | 7,5   | 127,9            | 2629,9                                | 3,1                        | P L 125 3 127,9 | T 112A6  | 33,0                                      |
|                                     | 7,5   | 190,3            | 2629,7                                | 1,9                        | P L 115 3 190,3 | T 100A4  | 26,0                                      |
|                                     | 7,5   | 191,0            | 2524,4                                | 1,6                        | P E 132 190,95  | T 100A4  | 12,0                                      |
|                                     | 7,5   | 380,8            | 2528,2                                | 2,1                        | P E 150 380,82  | T 90L2   | 16,0                                      |
|                                     | 7,5   | 128,3            | 2613,0                                | 0,7                        | P - 112 3 128,3 | T 112A6  | 11,8                                      |
|                                     | 7,5   | 126,1            | 2651,2                                | 1,4                        | P L 105 3 126,1 | T 100BL6 | 22,0                                      |
|                                     | 7,4   | 383,9            | 2548,0                                | 1,3                        | P E 125 383,88  | T 90L2   | 10,5                                      |
|                                     | 7,4   | 127,9            | 2686,9                                | 3,0                        | P L 125 3 127,9 | T 100BL6 | 33,0                                      |
|                                     | 7,4   | 387,9            | 2572,7                                | 1,4                        | P E 132 387,9   | T 90L2   | 12,0                                      |
|                                     | 7,2   | 199,5            | 2724,5                                | 0,9                        | P L 95 3 199,5  | T 100A4  | 16,0                                      |
|                                     | 7,1   | 134,4            | 2737,2                                | 0,9                        | P L 95 3 134,4  | T 112A6  | 16,0                                      |
|                                     | 7,1   | 135,8            | 2793,1                                | 1,9                        | P L 115 3 135,8 | T 112A6  | 26,0                                      |
|                                     | 7,0   | 134,4            | 2795,1                                | 0,9                        | P L 95 3 134,4  | T 100BL6 | 16,0                                      |
|                                     | 7,0   | 409,3            | 2716,9                                | 3,0                        | P E 170 409,33  | T 90L2   | 21,0                                      |
|                                     | 6,9   | 135,8            | 2853,7                                | 1,9                        | P L 115 3 135,8 | T 100BL6 | 26,0                                      |
|                                     | 6,9   | 139,9            | 2878,9                                | 1,3                        | P L 105 3 139,9 | T 112A6  | 22,0                                      |
|                                     | 6,9   | 416,3            | 2760,8                                | 1,2                        | P E 125 416,28  | T 90L2   | 10,5                                      |
|                                     | 6,8   | 210,3            | 2904,7                                | 1,7                        | P L 115 3 210,3 | T 100A4  | 26,0                                      |
|                                     | 6,8   | 141,7            | 2917,3                                | 2,8                        | P L 125 3 141,7 | T 112A6  | 33,0                                      |
|                                     | 6,8   | 420,9            | 2793,3                                | 1,9                        | P E 150 420,86  | T 90L2   | 16,0                                      |
|                                     | 6,7   | 212,6            | 2809,7                                | 1,4                        | P E 132 212,62  | T 100A4  | 12,0                                      |
|                                     | 6,7   | 139,9            | 2939,2                                | 1,3                        | P L 105 3 139,9 | T 100BL6 | 22,0                                      |
|                                     | 6,7   | 215,0            | 2843,6                                | 3,2                        | P E 170 215,02  | T 100A4  | 21,0                                      |
|                                     | 6,6   | 141,7            | 2978,7                                | 2,7                        | P L 125 3 141,7 | T 100BL6 | 33,0                                      |
|                                     | 6,6   | 216,6            | 2865,2                                | 2,1                        | P E 150 216,61  | T 100A4  | 16,0                                      |
|                                     | 6,5   | 148,2            | 3047,5                                | 1,8                        | P L 115 3 148,2 | T 112A6  | 26,0                                      |
|                                     | 6,5   | 439,7            | 2917,8                                | 1,2                        | P E 132 439,72  | T 90L2   | 12,0                                      |
|                                     | 6,5   | 221,3            | 3024,1                                | 0,8                        | P L 95 3 221,3  | T 100A4  | 16,0                                      |
|                                     | 6,4   | 445,6            | 2954,7                                | 2,7                        | P E 170 445,6   | T 90L2   | 21,0                                      |
|                                     | 6,4   | 448,2            | 2973,0                                | 3,9                        | P E 190 448,15  | T 90L2   | 27,0                                      |
|                                     | 6,3   | 148,2            | 3114,9                                | 1,7                        | P L 115 3 148,2 | T 100BL6 | 26,0                                      |
|                                     | 6,3   | 151,5            | 2982,2                                | 1,2                        | P E 125 151,48  | T 112A6  | 10,5                                      |
|                                     | 6,3   | 227,3            | 3006,6                                | 1,2                        | P E 125 227,28  | T 100A4  | 10,5                                      |
|                                     | 6,2   | 153,9            | 3164,4                                | 1,2                        | P L 105 3 153,9 | T 112A6  | 22,0                                      |
|                                     | 6,2   | 229,4            | 3170,0                                | 1,6                        | P L 115 3 229,4 | T 100A4  | 26,0                                      |
|                                     | 6,2   | 458,3            | 3039,9                                | 1,8                        | P E 150 458,31  | T 90L2   | 16,0                                      |
| 6,2                                 | 151,5   | 3044,7           | 1,2                                   | P E 125 151,48             | T 100BL6        | 10,5     |   |
| 6,2                                 | 155,1   | 3190,8           | 2,6                                   | P L 125 3 155,1            | T 112A6         | 33,0     |   |
| 6,2                                 | 461,9   | 3064,9           | 1,0                                   | P E 125 461,93             | T 90L2          | 10,5     |   |
| 6,1                                 | 234,0   | 3094,2           | 1,3                                   | P E 132 234                | T 100A4         | 12,0     |   |
| 6,1                                 | 153,9   | 3232,5           | 1,2                                   | P L 105 3 153,9            | T 100BL6        | 22,0     |   |
| 6,1                                 | 155,1   | 3259,1           | 2,5                                   | P L 125 3 155,1            | T 100BL6        | 33,0     |   |
| 6,1                                 | 158,6   | 3125,0           | 1,3                                   | P E 132 158,56             | T 112A6         | 12,0     |   |
| 6,0                                 | 158,9   | 3235,3           | 0,7                                   | P L 95 3 158,9             | T 112A6         | 16,0     |   |
| 5,9                                 | 158,6   | 3188,4           | 1,3                                   | P E 132 158,56             | T 100BL6        | 12,0     |   |
| 5,9                                 | 158,9   | 3300,0           | 0,7                                   | P L 95 3 158,9             | T 100BL6        | 16,0     |   |
| 5,9                                 | 483,2   | 3205,0           | 3,6                                   | P E 190 483,23             | T 90L2          | 27,0     |   |
| 5,9                                 | 483,2   | 3205,0           | 2,5                                   | P E 170 483,23             | T 90L2          | 21,0     |   |
| 5,9                                 | 163,1   | 3353,0           | 1,6                                   | P L 115 3 163,1            | T 112A6         | 26,0     |   |
| 5,9                                 | 483,9   | 3211,0           | 1,1                                   | P E 132 483,92             | T 90L2          | 12,0     |   |
| 5,9                                 | 243,2   | 3322,8           | 0,7                                   | P L 95 3 243,2             | T 100A4         | 16,0     |   |
| 5,8                                 | 246,9   | 3265,6           | 3,8                                   | P E 190 246,94             | T 100A4         | 27,0     |   |
| 5,8                                 | 246,9   | 3265,7           | 2,8                                   | P E 170 246,94             | T 100A4         | 21,0     |   |
| 5,8                                 | 163,1   | 3428,8           | 1,6                                   | P L 115 3 163,1            | T 100BL6        | 26,0     |   |
| 5,7                                 | 251,2   | 3323,3           | 1,1                                   | P E 125 251,17             | T 100A4         | 10,5     |   |
| 5,7                                 | 501,5   | 3328,7           | 1,6                                   | P E 150 501,52             | T 90L2          | 16,0     |   |
| 5,7                                 | 169,2   | 3483,3           | 1,1                                   | P L 105 3 169,2            | T 112A6         | 22,0     |   |
| 5,6                                 | 170,7   | 3514,1           | 2,3                                   | P L 125 3 170,7            | T 112A6         | 33,0     |   |
| 5,6                                 | 169,2   | 3552,6           | 1,1                                   | P L 105 3 169,2            | T 100BL6        | 22,0     |   |
| 5,5                                 | 173,5   | 3418,8           | 1,2                                   | P E 132 173,51             | T 112A6         | 12,0     |   |
| 5,5                                 | 170,7   | 3584,2           | 2,3                                   | P L 125 3 170,7            | T 100BL6        | 33,0     |   |
| 5,5                                 | 260,3   | 3444,2           | 1,2                                   | P E 132 260,34             | T 100A4         | 12,0     |   |
| 5,5                                 | 520,0   | 3450,8           | 2,3                                   | P E 170 520,04             | T 90L2          | 21,0     |   |
| 5,5                                 | 519,6   | 3451,0           | 0,9                                   | P E 125 519,6              | T 90L2          | 10,5     |   |
| 5,4                                 | 524,8   | 3482,6           | 1,0                                   | P E 132 524,76             | T 90L2          | 12,0     |   |
| 5,4                                 | 526,2   | 3488,7           | 3,3                                   | P E 190 526,24             | T 90L2          | 27,0     |   |
| 5,4                                 | 173,5   | 3489,3           | 1,1                                   | P E 132 173,51             | T 100BL6        | 12,0     |   |
| 5,4                                 | 265,4   | 3507,8           | 1,7                                   | P E 150 265,44             | T 100A4         | 16,0     |   |
| 5,3                                 | 267,7   | 3698,7           | 1,4                                   | P L 115 3 267,7            | T 100A4         | 26,0     |   |
| 5,3                                 | 268,9   | 3554,3           | 3,5                                   | P E 190 268,91             | T 100A4         | 27,0     |   |
| 5,3                                 | 268,8   | 3554,1           | 2,5                                   | P E 170 268,78             | T 100A4         | 21,0     |   |
| 5,3                                 | 182,2   | 3588,2           | 3,5                                   | P E 190 182,17             | T 112A6         | 27,0     |   |
| 5,2                                 | 543,9   | 3608,2           | 1,0                                   | P E 132 543,89             | T 90L2          | 12,0     |   |
| 5,2                                 | 273,5   | 3615,8           | 0,9                                   | P E 125 273,48             | T 100A4         | 10,5     |   |
| 5,2                                 | 549,0   | 3643,1           | 1,5                                   | P E 150 548,95             | T 90L2          | 16,0     |   |
| 5,2                                 | 185,2   | 3812,7           | 1,0                                   | P L 105 3 185,2            | T 112A6         | 22,0     |   |
| 5,2                                 | 185,6   | 3658,0           | 1,0                                   | P E 125 185,62             | T 112A6         | 10,5     |   |
| 5,2                                 | 182,2   | 3664,7           | 3,4                                   | P E 190 182,17             | T 100BL6        | 27,0     |   |
| 5,1                                 | 559,2   | 3707,9           | 2,2                                   | P E 170 559,19             | T 90L2          | 21,0     |   |
| 5,1                                 | 280,9   | 3715,2           | 1,6                                   | P E 150 280,94             | T 100A4         | 16,0     |   |
| 5,1                                 | 189,1   | 3887,4           | 2,1                                   | P L 125 3 189,1            | T 112A6         | 33,0     |   |

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|-----------------|----------|---|
| 2,2                                 | 5,1   | 185,2            | 3887,0                   | 1,0                        | P L 105 3 185.2 | T 100BL6 | 22,0                                      |
|                                     | 5,1   | 185,6            | 3736,1                   | 0,9                        | P E 125 185,62  | T 100BL6 | 10,5                                      |
|                                     | 5,0   | 190,3            | 3919,1                   | 1,4                        | P L 115 3 190.3 | T 112A6  | 26,0                                      |
|                                     | 5,0   | 191,0            | 3759,1                   | 1,1                        | P E 132 190,95  | T 112A6  | 12,0                                      |
|                                     | 5,0   | 286,5            | 3789,8                   | 1,1                        | P E 132 286,51  | T 100A4  | 12,0                                      |
|                                     | 5,0   | 189,1            | 3973,3                   | 2,1                        | P L 125 3 189.1 | T 100BL6 | 33,0                                      |
|                                     | 5,0   | 575,9            | 3820,0                   | 3,0                        | P E 190 575,86  | T 90L2   | 27,0                                      |
|                                     | 4,9   | 190,3            | 3997,6                   | 1,4                        | P L 115 3 190.3 | T 100BL6 | 26,0                                      |
|                                     | 4,9   | 290,0            | 4005,8                   | 1,2                        | P L 115 3 290   | T 100A4  | 26,0                                      |
|                                     | 4,9   | 191,0            | 3842,8                   | 1,0                        | P E 132 190,95  | T 100BL6 | 12,0                                      |
|                                     | 4,9   | 291,5            | 3851,0                   | 3,2                        | P E 190 291,48  | T 100A4  | 27,0                                      |
|                                     | 4,9   | 580,5            | 3852,1                   | 0,7                        | P E 125 580,52  | T 90L2   | 10,5                                      |
|                                     | 4,8   | 595,3            | 3948,2                   | 1,4                        | P E 150 595,28  | T 90L2   | 16,0                                      |
|                                     | 4,8   | 595,2            | 3946,7                   | 0,9                        | P E 132 595,18  | T 90L2   | 12,0                                      |
|                                     | 4,7   | 302,0            | 3989,5                   | 2,3                        | P E 170 301,96  | T 100A4  | 21,0                                      |
|                                     | 4,7   | 302,5            | 3997,7                   | 3,1                        | P E 190 302,51  | T 100A4  | 27,0                                      |
|                                     | 4,7   | 606,4            | 4022,9                   | 2,9                        | P E 190 606,41  | T 90L2   | 27,0                                      |
|                                     | 4,7   | 606,4            | 4023,5                   | 2,0                        | P E 170 606,41  | T 90L2   | 21,0                                      |
|                                     | 4,7   | 307,7            | 4065,5                   | 0,9                        | P E 125 307,71  | T 100A4  | 10,5                                      |
|                                     | 4,6   | 310,5            | 4101,9                   | 1,5                        | P E 150 310,47  | T 100A4  | 16,0                                      |
|                                     | 4,6   | 210,7            | 4146,6                   | 3,0                        | P E 190 210,74  | T 112A6  | 27,0                                      |
|                                     | 4,6   | 210,3            | 4331,6                   | 1,3                        | P L 115 3 210.3 | T 112A6  | 26,0                                      |
|                                     | 4,6   | 625,2            | 4146,1                   | 0,8                        | P E 125 625,23  | T 90L2   | 10,5                                      |
|                                     | 4,5   | 316,6            | 4182,5                   | 1,0                        | P E 132 316,62  | T 100A4  | 12,0                                      |
|                                     | 4,5   | 212,6            | 4182,5                   | 1,0                        | P E 132 212,62  | T 112A6  | 12,0                                      |
|                                     | 4,5   | 317,4            | 4192,7                   | 3,0                        | P E 190 317,42  | T 100A4  | 27,0                                      |
|                                     | 4,5   | 210,3            | 4417,9                   | 1,2                        | P L 115 3 210.3 | T 100BL6 | 26,0                                      |
|                                     | 4,5   | 210,7            | 4239,9                   | 2,9                        | P E 190 210,74  | T 100BL6 | 27,0                                      |
|                                     | 4,5   | 215,0            | 4239,8                   | 2,1                        | P E 170 215,02  | T 112A6  | 21,0                                      |
|                                     | 4,4   | 216,6            | 4269,1                   | 1,4                        | P E 150 216,61  | T 112A6  | 16,0                                      |
|                                     | 4,4   | 643,2            | 4268,8                   | 1,3                        | P E 150 643,23  | T 90L2   | 16,0                                      |
|                                     | 4,4   | 212,6            | 4278,1                   | 0,9                        | P E 132 212,62  | T 100BL6 | 12,0                                      |
|                                     | 4,4   | 325,0            | 4296,9                   | 1,4                        | P E 150 325     | T 100A4  | 16,0                                      |
|                                     | 4,4   | 648,4            | 4297,9                   | 0,7                        | P E 125 648,43  | T 90L2   | 10,5                                      |
|                                     | 4,4   | 649,0            | 4307,5                   | 1,9                        | P E 170 649     | T 90L2   | 21,0                                      |
|                                     | 4,4   | 215,0            | 4326,9                   | 2,1                        | P E 170 215,02  | T 100BL6 | 21,0                                      |
|                                     | 4,4   | 655,0            | 4347,8                   | 0,8                        | P E 132 655,01  | T 90L2   | 12,0                                      |
|                                     | 4,3   | 329,4            | 4356,8                   | 2,9                        | P E 190 329,43  | T 100A4  | 27,0                                      |
|                                     | 4,3   | 216,6            | 4356,4                   | 1,4                        | P E 150 216,61  | T 100BL6 | 16,0                                      |
|                                     | 4,3   | 330,6            | 4367,0                   | 2,1                        | P E 170 330,6   | T 100A4  | 21,0                                      |
|                                     | 4,3   | 660,4            | 4377,2                   | 2,6                        | P E 190 660,37  | T 90L2   | 27,0                                      |
|                                     | 4,2   | 227,3            | 4482,0                   | 0,8                        | P E 125 227,28  | T 112A6  | 10,5                                      |
|                                     | 4,2   | 229,4            | 4724,6                   | 1,2                        | P L 115 3 229.4 | T 112A6  | 26,0                                      |
|                                     | 4,1   | 227,3            | 4567,0                   | 0,8                        | P E 125 227,28  | T 100BL6 | 10,5                                      |
|                                     | 4,1   | 347,4            | 4589,5                   | 2,7                        | P E 190 347,35  | T 100A4  | 27,0                                      |
|                                     | 4,1   | 229,4            | 4817,7                   | 1,1                        | P L 115 3 229.4 | T 100BL6 | 26,0                                      |
|                                     | 4,1   | 234,0            | 4612,2                   | 0,9                        | P E 132 234     | T 112A6  | 12,0                                      |
|                                     | 4,1   | 697,5            | 4622,6                   | 1,2                        | P E 150 697,51  | T 90L2   | 16,0                                      |
|                                     | 4,1   | 697,9            | 4634,6                   | 1,7                        | P E 170 697,85  | T 90L2   | 21,0                                      |
|                                     | 4,1   | 352,5            | 4658,5                   | 0,9                        | P E 132 352,46  | T 100A4  | 12,0                                      |
| 4,0                                 | 704,9   | 4680,9           | 2,5                      | P E 190 704,94             | T 90L2          | 27,0     |   |
| 4,0                                 | 234,0   | 4703,4           | 0,9                      | P E 132 234                | T 100BL6        | 12,0     |   |
| 4,0                                 | 357,1   | 4727,5           | 2,6                      | P E 190 357,1              | T 100A4         | 27,0     |   |
| 4,0                                 | 357,1   | 4727,8           | 1,9                      | P E 170 357,1              | T 100A4         | 21,0     |   |
| 4,0                                 | 359,2   | 4751,6           | 1,3                      | P E 150 359,17             | T 100A4         | 16,0     |   |
| 3,9                                 | 246,9   | 4861,2           | 2,6                      | P E 190 246,94             | T 112A6         | 27,0     |   |
| 3,9                                 | 246,9   | 4861,3           | 1,9                      | P E 170 246,94             | T 112A6         | 21,0     |   |
| 3,8                                 | 743,0   | 4923,3           | 1,1                      | P E 150 743,02             | T 90L2          | 16,0     |   |
| 3,8                                 | 742,8   | 4923,3           | 0,7                      | P E 132 742,75             | T 90L2          | 12,0     |   |
| 3,8                                 | 251,2   | 4948,6           | 0,7                      | P E 125 251,17             | T 112A6         | 10,5     |   |
| 3,8                                 | 246,9   | 4963,0           | 2,5                      | P E 190 246,94             | T 100BL6        | 27,0     |   |
| 3,8                                 | 246,9   | 4962,4           | 1,8                      | P E 170 246,94             | T 100BL6        | 21,0     |   |
| 3,8                                 | 377,5   | 4988,7           | 1,8                      | P E 170 377,45             | T 100A4         | 21,0     |   |
| 3,8                                 | 756,8   | 5015,9           | 2,3                      | P E 190 756,78             | T 90L2          | 27,0     |   |
| 3,8                                 | 756,8   | 5015,5           | 1,6                      | P E 170 756,78             | T 90L2          | 21,0     |   |
| 3,8                                 | 380,8   | 5028,6           | 1,2                      | P E 150 380,82             | T 100A4         | 16,0     |   |
| 3,7                                 | 766,5   | 5083,4           | 1,1                      | P E 150 766,52             | T 90L2          | 16,0     |   |
| 3,7                                 | 260,3   | 5125,2           | 0,8                      | P E 132 260,34             | T 112A6         | 12,0     |   |
| 3,7                                 | 387,9   | 5125,2           | 0,8                      | P E 132 387,9              | T 100A4         | 12,0     |   |
| 3,7                                 | 388,9   | 5138,3           | 2,4                      | P E 190 388,88             | T 100A4         | 27,0     |   |
| 3,6                                 | 265,4   | 5223,6           | 1,1                      | P E 150 265,44             | T 112A6         | 16,0     |   |
| 3,6                                 | 260,3   | 5238,1           | 0,8                      | P E 132 260,34             | T 100BL6        | 12,0     |   |
| 3,6                                 | 267,7   | 5501,5           | 1,0                      | P L 115 3 267.7            | T 112A6         | 26,0     |   |
| 3,6                                 | 268,9   | 5296,6           | 2,4                      | P E 190 268,91             | T 112A6         | 27,0     |   |
| 3,6                                 | 268,8   | 5297,0           | 1,7                      | P E 170 268,78             | T 112A6         | 21,0     |   |
| 3,5                                 | 265,4   | 5342,0           | 1,1                      | P E 150 265,44             | T 100BL6        | 16,0     |   |
| 3,5                                 | 811,3   | 5386,9           | 1,5                      | P E 170 811,25             | T 90L2          | 21,0     |   |
| 3,5                                 | 267,7   | 5625,6           | 1,0                      | P L 115 3 267.7            | T 100BL6        | 26,0     |   |
| 3,5                                 | 268,9   | 5402,8           | 2,3                      | P E 190 268,91             | T 100BL6        | 27,0     |   |
| 3,5                                 | 268,8   | 5402,5           | 1,7                      | P E 170 268,78             | T 100BL6        | 21,0     |   |
| 3,5                                 | 409,3   | 5418,7           | 1,7                      | P E 170 409,33             | T 100A4         | 21,0     |   |
| 3,5                                 | 824,1   | 5465,5           | 2,1                      | P E 190 824,12             | T 90L2          | 27,0     |   |
| 3,4                                 | 831,2   | 5512,8           | 1,0                      | P E 150 831,21             | T 90L2          | 16,0     |   |
| 3,4                                 | 280,9   | 5530,0           | 1,1                      | P E 150 280,94             | T 112A6         | 16,0     |   |
| 3,4                                 | 420,9   | 5562,6           | 1,1                      | P E 150 420,86             | T 100A4         | 16,0     |   |
| 3,4                                 | 425,6   | 5627,2           | 2,2                      | P E 190 425,55             | T 100A4         | 27,0     |   |
| 3,4                                 | 280,9   | 5643,4           | 1,1                      | P E 150 280,94             | T 100BL6        | 16,0     |   |
| 3,4                                 | 286,5   | 5644,6           | 0,7                      | P E 132 286,51             | T 112A6         | 12,0     |   |
| 3,3                                 | 290,0   | 5967,5           | 0,9                      | P L 115 3 290              | T 112A6         | 26,0     |   |
| 3,3                                 | 291,5   | 5747,1           | 2,2                      | P E 190 291,48             | T 112A6         | 27,0     |   |
| 3,3                                 | 870,6   | 5783,8           | 0,9                      | P E 150 870,64             | T 90L2          | 16,0     |   |
| 3,2                                 | 879,8   | 5836,2           | 2,0                      | P E 190 879,75             | T 90L2          | 27,0     |   |
| 3,2                                 | 879,8   | 5836,9           | 1,4                      | P E 170 879,75             | T 90L2          | 21,0     |   |
| 3,2                                 | 290,0   | 6095,1           | 0,9                      | P L 115 3 290              | T 100BL6        | 26,0     |   |
| 3,2                                 | 291,5   | 5872,3           | 2,1                      | P E 190 291,48             | T 100BL6        | 27,0     |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|--|--|---|
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|--|--|---|

|     |        |         |     |                 |          |      |
|-----|--------|---------|-----|-----------------|----------|------|
| 3.2 | 445.6  | 5891.1  | 1.5 | P E 170 445.6   | T 100A4  | 21.0 |
| 3.2 | 448.2  | 5928.0  | 2.1 | P E 190 448.15  | T 100A4  | 27.0 |
| 3.2 | 302.0  | 5945.9  | 1.5 | P E 170 301.96  | T 112A6  | 21.0 |
| 3.2 | 302.5  | 5965.3  | 2.1 | P E 190 302.51  | T 112A6  | 27.0 |
| 3.1 | 458.3  | 6060.6  | 1.0 | P E 150 458.31  | T 100A4  | 16.0 |
| 3.1 | 302.5  | 6080.0  | 2.1 | P E 190 302.51  | T 100BL6 | 27.0 |
| 3.1 | 302.0  | 6079.2  | 1.5 | P E 170 301.96  | T 100BL6 | 21.0 |
| 3.1 | 310.5  | 6119.6  | 1.0 | P E 150 310.47  | T 112A6  | 16.0 |
| 3.0 | 310.5  | 6241.1  | 1.0 | P E 150 310.47  | T 100BL6 | 16.0 |
| 3.0 | 317.4  | 6261.4  | 2.0 | P E 190 317.42  | T 112A6  | 27.0 |
| 3.0 | 948.1  | 6282.4  | 0.9 | P E 150 948.12  | T 90L2   | 16.0 |
| 3.0 | 958.0  | 6366.4  | 1.8 | P E 190 958.04  | T 90L2   | 27.0 |
| 3.0 | 317.4  | 6387.9  | 2.0 | P E 190 317.42  | T 100BL6 | 27.0 |
| 3.0 | 483.2  | 6387.9  | 2.0 | P E 190 483.23  | T 100A4  | 27.0 |
| 3.0 | 483.2  | 6389.2  | 1.4 | P E 170 483.23  | T 100A4  | 21.0 |
| 3.0 | 325.0  | 6410.9  | 0.9 | P E 150 325     | T 112A6  | 16.0 |
| 2.9 | 329.4  | 6498.1  | 1.9 | P E 190 329.43  | T 112A6  | 27.0 |
| 2.9 | 330.6  | 6519.6  | 1.4 | P E 170 330.6   | T 112A6  | 21.0 |
| 2.9 | 981.4  | 6520.3  | 1.2 | P E 170 981.35  | T 90L2   | 21.0 |
| 2.9 | 325.0  | 6544.4  | 0.9 | P E 150 325     | T 100BL6 | 16.0 |
| 2.9 | 329.4  | 6634.5  | 1.9 | P E 190 329.43  | T 100BL6 | 27.0 |
| 2.9 | 501.5  | 6633.2  | 0.9 | P E 150 501.52  | T 100A4  | 16.0 |
| 2.8 | 330.6  | 6657.7  | 1.4 | P E 170 330.6   | T 100BL6 | 21.0 |
| 2.8 | 347.4  | 6851.0  | 1.8 | P E 190 347.35  | T 112A6  | 27.0 |
| 2.8 | 520.0  | 6875.0  | 1.3 | P E 170 520.04  | T 100A4  | 21.0 |
| 2.8 | 1037.5 | 6875.0  | 0.8 | P E 150 1037.52 | T 90L2   | 16.0 |
| 2.7 | 526.2  | 6951.5  | 1.8 | P E 190 526.24  | T 100A4  | 27.0 |
| 2.7 | 347.4  | 6977.9  | 1.8 | P E 190 347.35  | T 100BL6 | 27.0 |
| 2.7 | 357.1  | 7029.7  | 1.8 | P E 190 357.1   | T 112A6  | 27.0 |
| 2.7 | 357.1  | 7028.8  | 1.3 | P E 170 357.1   | T 112A6  | 21.0 |
| 2.7 | 1064.2 | 7055.2  | 1.6 | P E 190 1064.22 | T 90L2   | 27.0 |
| 2.7 | 1064.2 | 7054.6  | 1.1 | P E 170 1064.22 | T 90L2   | 21.0 |
| 2.7 | 359.2  | 7081.5  | 0.8 | P E 150 359.17  | T 112A6  | 16.0 |
| 2.6 | 357.1  | 7189.5  | 1.7 | P E 190 357.1   | T 100BL6 | 27.0 |
| 2.6 | 357.1  | 7189.5  | 1.3 | P E 170 357.1   | T 100BL6 | 21.0 |
| 2.6 | 359.2  | 7217.1  | 0.8 | P E 150 359.17  | T 100BL6 | 16.0 |
| 2.6 | 549.0  | 7272.7  | 0.8 | P E 150 548.95  | T 100A4  | 16.0 |
| 2.6 | 559.2  | 7385.3  | 1.2 | P E 170 559.19  | T 100A4  | 21.0 |
| 2.5 | 377.5  | 7443.6  | 1.2 | P E 170 377.45  | T 112A6  | 21.0 |
| 2.5 | 380.8  | 7504.3  | 0.8 | P E 150 380.82  | T 112A6  | 16.0 |
| 2.5 | 377.5  | 7594.9  | 1.2 | P E 170 377.45  | T 100BL6 | 21.0 |
| 2.5 | 575.9  | 7624.1  | 1.6 | P E 190 575.86  | T 100A4  | 27.0 |
| 2.5 | 388.9  | 7655.9  | 1.6 | P E 190 388.88  | T 112A6  | 27.0 |
| 2.5 | 380.8  | 7656.6  | 0.8 | P E 150 380.82  | T 100BL6 | 16.0 |
| 2.5 | 1158.9 | 7687.6  | 1.5 | P E 190 1158.92 | T 90L2   | 27.0 |
| 2.5 | 1158.9 | 7687.7  | 1.1 | P E 170 1158.92 | T 90L2   | 21.0 |
| 2.4 | 388.9  | 7814.7  | 1.6 | P E 190 388.88  | T 100BL6 | 27.0 |
| 2.4 | 595.3  | 7880.6  | 0.8 | P E 150 595.28  | T 100A4  | 16.0 |
| 2.4 | 606.4  | 8012.8  | 1.6 | P E 190 606.41  | T 100A4  | 27.0 |
| 2.4 | 606.4  | 8013.0  | 1.1 | P E 170 606.41  | T 100A4  | 21.0 |
| 2.4 | 409.3  | 8045.5  | 1.1 | P E 170 409.33  | T 112A6  | 21.0 |
| 2.3 | 409.3  | 8222.6  | 1.1 | P E 170 409.33  | T 100BL6 | 21.0 |
| 2.3 | 420.9  | 8291.5  | 0.7 | P E 150 420.86  | T 112A6  | 16.0 |
| 2.3 | 425.6  | 8366.3  | 1.5 | P E 190 425.55  | T 112A6  | 27.0 |
| 2.3 | 1268.2 | 8405.3  | 1.4 | P E 190 1268.2  | T 90L2   | 27.0 |
| 2.3 | 1268.2 | 8405.7  | 1.0 | P E 170 1268.2  | T 90L2   | 21.0 |
| 2.2 | 420.9  | 8477.8  | 0.7 | P E 150 420.86  | T 100BL6 | 16.0 |
| 2.2 | 643.2  | 8516.1  | 0.7 | P E 150 643.23  | T 100A4  | 16.0 |
| 2.2 | 425.6  | 8556.3  | 1.5 | P E 190 425.55  | T 100BL6 | 27.0 |
| 2.2 | 649.0  | 8593.8  | 1.0 | P E 170 649     | T 100A4  | 21.0 |
| 2.2 | 660.4  | 8713.6  | 1.4 | P E 190 660.37  | T 100A4  | 27.0 |
| 2.2 | 445.6  | 8796.1  | 1.0 | P E 170 445.6   | T 112A6  | 21.0 |
| 2.1 | 448.2  | 8836.8  | 1.4 | P E 190 448.15  | T 112A6  | 27.0 |
| 2.1 | 445.6  | 8963.3  | 1.0 | P E 170 445.6   | T 100BL6 | 21.0 |
| 2.1 | 448.2  | 9004.6  | 1.4 | P E 190 448.15  | T 100BL6 | 27.0 |
| 2.1 | 697.9  | 9222.2  | 1.0 | P E 170 697.85  | T 100A4  | 21.0 |
| 2.0 | 1395.7 | 9270.8  | 1.2 | P E 190 1395.69 | T 90L2   | 27.0 |
| 2.0 | 1395.7 | 9266.8  | 0.9 | P E 170 1395.69 | T 90L2   | 21.0 |
| 2.0 | 704.9  | 9315.7  | 1.3 | P E 190 704.94  | T 100A4  | 27.0 |
| 2.0 | 483.2  | 9502.4  | 1.3 | P E 190 483.23  | T 112A6  | 27.0 |
| 2.0 | 483.2  | 9501.0  | 0.9 | P E 170 483.23  | T 112A6  | 21.0 |
| 2.0 | 483.2  | 9696.8  | 1.3 | P E 190 483.23  | T 100BL6 | 27.0 |
| 2.0 | 483.2  | 9696.4  | 0.9 | P E 170 483.23  | T 100BL6 | 21.0 |
| 1.9 | 756.8  | 10003.6 | 1.3 | P E 190 756.78  | T 100A4  | 27.0 |
| 1.9 | 756.8  | 10005.1 | 0.9 | P E 170 756.78  | T 100A4  | 21.0 |
| 1.9 | 520.0  | 10222.0 | 0.9 | P E 170 520.04  | T 112A6  | 21.0 |
| 1.8 | 1546.4 | 10276.2 | 1.1 | P E 190 1546.36 | T 90L2   | 27.0 |
| 1.8 | 1546.4 | 10276.8 | 0.8 | P E 170 1546.36 | T 90L2   | 21.0 |
| 1.8 | 526.2  | 10389.1 | 1.2 | P E 190 526.24  | T 112A6  | 27.0 |
| 1.8 | 520.0  | 10448.5 | 0.9 | P E 170 520.04  | T 100BL6 | 21.0 |
| 1.8 | 526.2  | 10564.7 | 1.2 | P E 190 526.24  | T 100BL6 | 27.0 |
| 1.8 | 811.3  | 10743.4 | 0.8 | P E 170 811.25  | T 100A4  | 21.0 |
| 1.7 | 824.1  | 10865.3 | 1.2 | P E 190 824.12  | T 100A4  | 27.0 |
| 1.7 | 559.2  | 10993.9 | 0.8 | P E 170 559.19  | T 112A6  | 21.0 |
| 1.7 | 559.2  | 11256.4 | 0.8 | P E 170 559.19  | T 100BL6 | 21.0 |
| 1.7 | 575.9  | 11321.5 | 1.1 | P E 190 575.86  | T 112A6  | 27.0 |
| 1.6 | 575.9  | 11598.5 | 1.1 | P E 190 575.86  | T 100BL6 | 27.0 |
| 1.6 | 879.8  | 11598.5 | 1.1 | P E 190 879.75  | T 100A4  | 27.0 |
| 1.6 | 879.8  | 11599.3 | 0.8 | P E 170 879.75  | T 100A4  | 21.0 |
| 1.6 | 606.4  | 11966.9 | 1.0 | P E 190 606.41  | T 112A6  | 27.0 |
| 1.6 | 606.4  | 11971.0 | 0.8 | P E 170 606.41  | T 112A6  | 21.0 |
| 1.6 | 606.4  | 12200.5 | 1.0 | P E 190 606.41  | T 100BL6 | 27.0 |
| 1.6 | 606.4  | 12199.6 | 0.7 | P E 170 606.41  | T 100BL6 | 21.0 |
| 1.5 | 958.0  | 12690.4 | 1.0 | P E 190 958.04  | T 100A4  | 27.0 |
| 1.5 | 649.0  | 12774.2 | 0.7 | P E 170 649     | T 112A6  | 21.0 |

2,2





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
| 2,2                                 | 1,5   | 660,4            | 13039,4                               | 1,0                        | P E 190 660,37  | T 112A6  | 27,0                                      |
|                                     | 1,4   | 660,4            | 13317,2                               | 0,9                        | P E 190 660,37  | T 100BL6 | 27,0                                      |
|                                     | 1,4   | 704,9            | 13902,9                               | 0,9                        | P E 190 704,94  | T 112A6  | 27,0                                      |
|                                     | 1,3   | 1064,2           | 14109,8                               | 0,9                        | P E 190 1064,22 | T 100A4  | 27,0                                      |
|                                     | 1,3   | 704,9            | 14219,2                               | 0,9                        | P E 190 704,94  | T 100BL6 | 27,0                                      |
|                                     | 1,3   | 756,8            | 14889,0                               | 0,8                        | P E 190 756,78  | T 112A6  | 27,0                                      |
|                                     | 1,2   | 756,8            | 15252,4                               | 0,8                        | P E 190 756,78  | T 100BL6 | 27,0                                      |
|                                     | 1,2   | 1158,9           | 15371,7                               | 0,8                        | P E 190 1158,92 | T 100A4  | 27,0                                      |
|                                     | 1,2   | 824,1            | 16301,1                               | 0,8                        | P E 190 824,12  | T 112A6  | 27,0                                      |
|                                     | 1,1   | 824,1            | 16586,2                               | 0,8                        | P E 190 824,12  | T 100BL6 | 27,0                                      |
|                                     | 1,1   | 1268,2           | 16737,7                               | 0,7                        | P E 190 1268,2  | T 100A4  | 27,0                                      |
|                                     | 1,1   | 879,8            | 17350,2                               | 0,7                        | P E 190 879,75  | T 112A6  | 27,0                                      |
|                                     | 1,1   | 879,8            | 17673,5                               | 0,7                        | P E 190 879,75  | T 100BL6 | 27,0                                      |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
|                                     | 970.0   | 3.0              | 28.1                                 | 2.7                        | P - 63 2 3  | T 100A2   | 5.6                                       |
|                                     | 960.0   | 3.0              | 28.4                                 | 2.7                        | P - 63 2 3  | T 90LB2   | 5.6                                       |
|                                     | 746.2   | 3.9              | 36.5                                 | 2.5                        | P - 63 2 3.9  | T 100A2   | 5.6                                       |
|                                     | 738.5   | 3.9              | 36.9                                 | 2.4                        | P - 63 2 3.9  | T 90LB2   | 5.6                                       |
|                                     | 676.7   | 4.3              | 40.2                                 | 2.4                        | P - 63 2 4.3  | T 100A2   | 5.6                                       |
|                                     | 669.8   | 4.3              | 40.6                                 | 2.3                        | P - 63 2 4.3  | T 90LB2   | 5.6                                       |
|                                     | 582.0   | 5.0              | 46.8                                 | 2.4                        | P - 63 2 5  | T 100A2   | 5.6                                       |
|                                     | 576.0   | 5.0              | 47.3                                 | 2.3                        | P - 63 2 5  | T 90LB2   | 5.6                                       |
|                                     | 550.0   | 2.6              | 49.5                                 | 2.6                        | P - 71 2 2.6  | T 100B4   | 7.5                                       |
|                                     | 549.1   | 5.3              | 49.6                                 | 3.6                        | P - 71 2 5.3  | T 100A2   | 7.5                                       |
|                                     | 543.4   | 5.3              | 50.1                                 | 3.6                        | P - 71 2 5.3  | T 90LB2   | 7.5                                       |
|                                     | 519.6   | 5.6              | 52.4                                 | 2.4                        | P - 63 2 5.6  | T 100A2   | 5.6                                       |
|                                     | 514.3   | 5.6              | 52.9                                 | 2.4                        | P - 63 2 5.6  | T 90LB2   | 5.6                                       |
|                                     | 476.7   | 3.0              | 57.1                                 | 1.4                        | P - 63 2 3  | T 100B4   | 5.6                                       |
|                                     | 469.4   | 6.2              | 58.0                                 | 4.0                        | P - 71 2 6.2  | T 100A2   | 7.5                                       |
|                                     | 469.4   | 6.2              | 58.0                                 | 2.2                        | P - 63 2 6.2  | T 100A2   | 5.6                                       |
|                                     | 464.5   | 6.2              | 58.6                                 | 3.9                        | P - 71 2 6.2  | T 90LB2   | 7.5                                       |
|                                     | 464.5   | 6.2              | 58.6                                 | 2.2                        | P - 63 2 6.2  | T 90LB2   | 5.6                                       |
|                                     | 447.7   | 6.5              | 60.8                                 | 2.2                        | P - 63 2 6.5  | T 100A2   | 5.6                                       |
|                                     | 446.9   | 3.2              | 60.9                                 | 2.5                        | P - 71 2 3.2  | T 100B4   | 7.5                                       |
|                                     | 443.1   | 6.5              | 61.4                                 | 2.2                        | P - 63 2 6.5  | T 90LB2   | 5.6                                       |
|                                     | 393.2   | 7.4              | 69.2                                 | 2.0                        | P - 63 2 7.4  | T 100A2   | 5.6                                       |
|                                     | 389.2   | 7.4              | 69.9                                 | 2.0                        | P - 63 2 7.4  | T 90LB2   | 5.6                                       |
|                                     | 376.3   | 3.8              | 72.3                                 | 2.4                        | P - 71 2 3.8  | T 100B4   | 7.5                                       |
|                                     | 369.2   | 2.6              | 73.7                                 | 1.8                        | P - 71 2 2.6  | T 112B6   | 7.5                                       |
|                                     | 366.7   | 3.9              | 74.2                                 | 1.5                        | P - 63 2 3.9  | T 100B4   | 5.6                                       |
|                                     | 363.8   | 8.0              | 74.8                                 | 2.0                        | P - 63 2 8  | T 100A2   | 5.6                                       |
|                                     | 360.0   | 8.0              | 75.6                                 | 2.0                        | P - 63 2 8  | T 90LB2   | 5.6                                       |
|                                     | 334.5   | 8.7              | 81.4                                 | 3.4                        | P - 71 2 8.7  | T 100A2   | 7.5                                       |
|                                     | 332.6   | 4.3              | 81.8                                 | 2.4                        | P - 71 2 4.3  | T 100B4   | 7.5                                       |
|                                     | 332.6   | 4.3              | 81.8                                 | 1.6                        | P - 63 2 4.3  | T 100B4   | 5.6                                       |
|                                     | 331.0   | 8.7              | 82.2                                 | 3.4                        | P - 71 2 8.7  | T 90LB2   | 7.5                                       |
|                                     | 323.3   | 9.0              | 84.2                                 | 2.0                        | P - 63 2 9  | T 100A2   | 5.6                                       |
|                                     | 320.0   | 9.0              | 85.1                                 | 1.9                        | P - 63 2 9  | T 90LB2   | 5.6                                       |
|                                     | 320.0   | 3.0              | 85.1                                 | 1.0                        | P - 63 2 3  | T 112B6   | 5.6                                       |
|                                     | 300.0   | 3.2              | 90.7                                 | 1.7                        | P - 71 2 3.2  | T 112B6   | 7.5                                       |
|                                     | 286.0   | 5.0              | 95.2                                 | 1.5                        | P - 63 2 5  | T 100B4   | 5.6                                       |
|                                     | 285.3   | 10.2             | 95.4                                 | 3.9                        | P - 71 2 10.2   | T 100A2   | 7.5                                       |
|                                     | 282.4   | 10.2             | 96.4                                 | 3.8                        | P - 71 2 10.2   | T 90LB2   | 7.5                                       |
|                                     | 279.8   | 10.4             | 97.3                                 | 1.9                        | P - 63 2 10.4   | T 100A2   | 5.6                                       |
|                                     | 276.9   | 10.4             | 98.3                                 | 1.8                        | P - 63 2 10.4   | T 90LB2   | 5.6                                       |
|                                     | 269.8   | 5.3              | 100.9                                | 2.1                        | P - 71 2 5.3  | T 100B4   | 7.5                                       |
|                                     | 255.4   | 5.6              | 106.6                                | 1.5                        | P - 63 2 5.6  | T 100B4   | 5.6                                       |
|                                     | 252.6   | 3.8              | 107.7                                | 1.7                        | P - 71 2 3.8  | T 112B6   | 7.5                                       |
|                                     | 250.9   | 11.6             | 108.5                                | 3.5                        | P - 71 2 11.6   | T 100A2   | 7.5                                       |
|                                     | 248.3   | 11.6             | 109.6                                | 3.5                        | P - 71 2 11.6   | T 90LB2   | 7.5                                       |
|                                     | 246.6   | 11.8             | 110.4                                | 1.7                        | P - 63 2 11.8   | T 100A2   | 5.6                                       |
|                                     | 246.2   | 3.9              | 110.6                                | 1.0                        | P - 63 2 3.9  | T 112B6   | 5.6                                       |
|                                     | 244.1   | 11.8             | 111.5                                | 1.7                        | P - 63 2 11.8   | T 90LB2   | 5.6                                       |
|                                     | 236.6   | 12.3             | 115.0                                | 2.4                        | P - 71 2 12.3   | T 100A2   | 7.5                                       |
|                                     | 234.2   | 12.3             | 116.2                                | 2.4                        | P - 71 2 12.3   | T 90LB2   | 7.5                                       |
|                                     | 230.7   | 6.2              | 118.0                                | 2.2                        | P - 71 2 6.2  | T 100B4   | 7.5                                       |
|                                     | 230.7   | 6.2              | 118.0                                | 1.4                        | P - 63 2 6.2  | T 100B4   | 5.6                                       |
|                                     | 223.3   | 4.3              | 121.9                                | 1.7                        | P - 71 2 4.3  | T 112B6   | 7.5                                       |
|                                     | 223.3   | 4.3              | 121.9                                | 1.1                        | P - 63 2 4.3  | T 112B6   | 5.6                                       |
|                                     | 220.0   | 6.5              | 123.7                                | 1.4                        | P - 63 2 6.5  | T 100B4   | 5.6                                       |
|                                     | 215.6   | 13.5             | 126.3                                | 1.6                        | P - 63 2 13.5   | T 100A2   | 5.6                                       |
|                                     | 213.3   | 13.5             | 127.6                                | 1.6                        | P - 63 2 13.5   | T 90LB2   | 5.6                                       |
|                                     | 207.9   | 14.0             | 130.9                                | 3.1                        | P - 71 2 14   | T 100A2   | 7.5                                       |
|                                     | 205.7   | 14.0             | 132.3                                | 3.0                        | P - 71 2 14   | T 90LB2   | 7.5                                       |
|                                     | 202.1   | 14.4             | 134.7                                | 1.4                        | P - 63 2 14.4   | T 100A2   | 5.6                                       |
|                                     | 201.4   | 7.1              | 135.1                                | 2.2                        | P - 71 2 7.1  | T 100B4   | 7.5                                       |
|                                     | 200.0   | 14.4             | 136.1                                | 1.4                        | P - 63 2 14.4   | T 90LB2   | 5.6                                       |
|                                     | 193.2   | 7.4              | 140.8                                | 1.3                        | P - 63 2 7.4  | T 100B4   | 5.6                                       |
|                                     | 192.0   | 5.0              | 141.8                                | 1.1                        | P - 63 2 5  | T 112B6   | 5.6                                       |
|                                     | 183.0   | 5.3              | 148.7                                | 3.6                        | P - 90 2 5.3  | T 132S6   | 10.5                                      |
|                                     | 181.1   | 5.3              | 150.3                                | 3.5                        | P - 90 2 5.3  | T 112B6   | 10.5                                      |
|                                     | 181.1   | 5.3              | 150.3                                | 1.5                        | P - 71 2 5.3  | T 112B6   | 7.5                                       |
|                                     | 180.8   | 16.1             | 150.6                                | 2.8                        | P - 71 2 16.1   | T 100A2   | 7.5                                       |
|                                     | 178.9   | 16.1             | 152.2                                | 2.8                        | P - 71 2 16.1   | T 90LB2   | 7.5                                       |
|                                     | 178.8   | 8.0              | 152.3                                | 1.3                        | P - 63 2 8  | T 100B4   | 5.6                                       |
|                                     | 172.2   | 16.9             | 158.1                                | 1.5                        | P - 63 2 16.9   | T 100A2   | 5.6                                       |
|                                     | 171.4   | 5.6              | 158.8                                | 1.1                        | P - 63 2 5.6  | T 112B6   | 5.6                                       |
|                                     | 170.4   | 16.9             | 159.7                                | 1.4                        | P - 63 2 16.9   | T 90LB2   | 5.6                                       |
|                                     | 168.2   | 17.3             | 161.8                                | 2.6                        | P - 71 2 17.3   | T 100A2   | 7.5                                       |
|                                     | 166.5   | 17.3             | 163.5                                | 2.6                        | P - 71 2 17.3   | T 90LB2   | 7.5                                       |
|                                     | 164.4   | 5.9              | 165.5                                | 3.4                        | P - 90 2 5.9  | T 132S6   | 10.5                                      |
|                                     | 164.4   | 8.7              | 165.6                                | 3.4                        | P - 90 2 8.7  | T 100B4   | 10.5                                      |
|                                     | 164.4   | 8.7              | 165.6                                | 1.9                        | P - 71 2 8.7  | T 100B4   | 7.5                                       |
|                                     | 162.7   | 5.9              | 167.3                                | 3.3                        | P - 90 2 5.9  | T 112B6   | 10.5                                      |
|                                     | 158.9   | 9.0              | 171.3                                | 1.2                        | P - 63 2 9  | T 100B4   | 5.6                                       |
|                                     | 155.6   | 18.7             | 174.9                                | 2.4                        | P - 71 2 18.7   | T 100A2   | 7.5                                       |
|                                     | 154.8   | 6.2              | 175.8                                | 1.7                        | P - 71 2 6.2  | T 112B6   | 7.5                                       |
|                                     | 154.8   | 6.2              | 175.8                                | 1.0                        | P - 63 2 6.2  | T 112B6   | 5.6                                       |
|                                     | 154.0   | 18.7             | 176.7                                | 2.4                        | P - 71 2 18.7   | T 90LB2   | 7.5                                       |
|                                     | 153.8   | 9.3              | 177.0                                | 3.2                        | P - 90 2 9.3  | T 100B4   | 10.5                                      |
|                                     | 152.1   | 9.4              | 178.9                                | 3.9                        | P - 80 2 9.4  | T 100B4   | 7.5                                       |
|                                     | 149.3   | 19.5             | 182.3                                | 3.0                        | P - 80 2 19.49  | T 100A2   | 7.5                                       |
|                                     | 147.8   | 19.5             | 184.2                                | 2.9                        | P - 80 2 19.49  | T 90LB2   | 7.5                                       |
|                                     | 147.7   | 6.5              | 184.3                                | 1.0                        | P - 63 2 6.5  | T 112B6   | 5.6                                       |
|                                     | 147.0   | 19.8             | 185.2                                | 4.0                        | P - 90 2 19.8   | T 100A2   | 10.5                                      |
|                                     | 147.0   | 19.8             | 185.2                                | 1.2                        | P - 63 2 19.8   | T 100A2   | 5.6                                       |
|                                     | 145.5   | 19.8             | 187.1                                | 4.0                        | P - 90 2 19.8   | T 90LB2   | 10.5                                      |
|                                     | 145.5   | 19.8             | 187.1                                | 1.2                        | P - 63 2 19.8   | T 90LB2   | 5.6                                       |
|                                     | 145.2   | 6.7              | 187.4                                | 4.0                        | P - 80 2 6.68   | T 132S6   | 7.5                                       |

3







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|---------|---|
|                                     | 144,8   | 6,7              | 188,0                                | 3,2                        | P - 90 2 6.7   | T 132S6 | 10,5                                      |
|                                     | 144,1   | 20,2             | 188,9                                | 2,2                        | P - 71 2 20.2  | T 100A2 | 7,5                                       |
|                                     | 143,7   | 6,7              | 189,4                                | 3,9                        | P - 80 2 6.68  | T 112B6 | 7,5                                       |
|                                     | 143,3   | 6,7              | 190,0                                | 3,2                        | P - 90 2 6.7   | T 112B6 | 10,5                                      |
|                                     | 142,6   | 20,2             | 190,9                                | 2,2                        | P - 71 2 20.2  | T 90LB2 | 7,5                                       |
|                                     | 142,4   | 10,0             | 191,1                                | 3,5                        | P - 80 2 10.04 | T 100B4 | 7,5                                       |
|                                     | 142,0   | 20,5             | 191,7                                | 1,1                        | P - 63 2 20.5  | T 100A2 | 5,6                                       |
|                                     | 141,7   | 20,5             | 192,0                                | 2,8                        | P - 80 2 20.53 | T 100A2 | 7,5                                       |
|                                     | 140,5   | 20,5             | 193,7                                | 1,1                        | P - 63 2 20.5  | T 90LB2 | 5,6                                       |
|                                     | 140,3   | 20,5             | 194,0                                | 2,8                        | P - 80 2 20.53 | T 90LB2 | 7,5                                       |
|                                     | 140,2   | 10,2             | 194,1                                | 2,2                        | P - 71 2 10.2  | T 100B4 | 7,5                                       |
|                                     | 137,5   | 10,4             | 198,0                                | 1,1                        | P - 63 2 10.4  | T 100B4 | 5,6                                       |
|                                     | 136,0   | 21,4             | 200,2                                | 3,7                        | P - 90 2 21.4  | T 100A2 | 10,5                                      |
|                                     | 135,6   | 21,5             | 200,7                                | 2,7                        | P - 80 2 21.46 | T 100A2 | 7,5                                       |
|                                     | 135,2   | 7,1              | 201,3                                | 1,6                        | P - 71 2 7.1   | T 112B6 | 7,5                                       |
|                                     | 134,6   | 21,4             | 202,2                                | 3,7                        | P - 90 2 21.4  | T 90LB2 | 10,5                                      |
|                                     | 134,4   | 7,2              | 202,6                                | 3,6                        | P - 80 2 7.22  | T 132S6 | 7,5                                       |
|                                     | 134,2   | 21,5             | 202,8                                | 2,7                        | P - 80 2 21.46 | T 90LB2 | 7,5                                       |
|                                     | 133,0   | 7,2              | 204,7                                | 3,6                        | P - 80 2 7.22  | T 112B6 | 7,5                                       |
|                                     | 132,9   | 21,9             | 204,8                                | 2,1                        | P - 71 2 21.9  | T 100A2 | 7,5                                       |
|                                     | 131,5   | 21,9             | 207,0                                | 2,0                        | P - 71 2 21.9  | T 90LB2 | 7,5                                       |
|                                     | 129,7   | 7,4              | 209,8                                | 0,9                        | P - 63 2 7.4   | T 112B6 | 5,6                                       |
|                                     | 124,4   | 7,8              | 218,9                                | 3,2                        | P - 90 2 7.8   | T 132S6 | 10,5                                      |
|                                     | 123,3   | 11,6             | 220,8                                | 1,9                        | P - 71 2 11.6  | T 100B4 | 7,5                                       |
|                                     | 123,1   | 7,8              | 221,1                                | 3,2                        | P - 90 2 7.8   | T 112B6 | 10,5                                      |
|                                     | 123,1   | 11,6             | 221,2                                | 3,0                        | P - 80 2 11.62 | T 100B4 | 7,5                                       |
|                                     | 122,3   | 23,8             | 217,9                                | 3,3                        | P L 85 3 23.8  | T 100A2 | 11,0                                      |
|                                     | 121,8   | 23,9             | 223,4                                | 2,4                        | P - 80 2 23.89 | T 100A2 | 7,5                                       |
|                                     | 121,2   | 11,8             | 224,6                                | 1,0                        | P - 63 2 11.8  | T 100B4 | 5,6                                       |
|                                     | 121,0   | 23,8             | 220,2                                | 3,3                        | P L 85 3 23.8  | T 90LB2 | 11,0                                      |
|                                     | 120,8   | 24,1             | 225,4                                | 0,9                        | P - 63 2 24.1  | T 100A2 | 5,6                                       |
|                                     | 120,6   | 23,9             | 225,8                                | 2,4                        | P - 80 2 23.89 | T 90LB2 | 7,5                                       |
|                                     | 120,0   | 8,0              | 226,8                                | 0,9                        | P - 63 2 8     | T 112B6 | 5,6                                       |
|                                     | 119,5   | 24,1             | 227,8                                | 0,9                        | P - 63 2 24.1  | T 90LB2 | 5,6                                       |
|                                     | 116,4   | 25,0             | 233,8                                | 3,2                        | P - 90 2 25    | T 100A2 | 10,5                                      |
|                                     | 116,3   | 12,3             | 234,1                                | 3,9                        | P - 90 2 12.3  | T 100B4 | 10,5                                      |
|                                     | 116,3   | 12,3             | 234,1                                | 1,3                        | P - 71 2 12.3  | T 100B4 | 7,5                                       |
|                                     | 116,0   | 8,4              | 234,6                                | 3,2                        | P - 80 2 8.36  | T 132S6 | 7,5                                       |
|                                     | 115,2   | 25,0             | 236,3                                | 3,1                        | P - 90 2 25    | T 90LB2 | 10,5                                      |
|                                     | 115,0   | 25,3             | 236,6                                | 1,5                        | P - 71 2 25.3  | T 100A2 | 7,5                                       |
|                                     | 114,8   | 8,4              | 237,0                                | 3,1                        | P - 80 2 8.36  | T 112B6 | 7,5                                       |
|                                     | 113,8   | 25,3             | 239,1                                | 1,5                        | P - 71 2 25.3  | T 90LB2 | 7,5                                       |
|                                     | 111,5   | 8,7              | 244,1                                | 2,3                        | P - 90 2 8.7   | T 132S6 | 10,5                                      |
|                                     | 111,5   | 26,1             | 244,1                                | 0,9                        | P - 63 2 26.1  | T 100A2 | 5,6                                       |
|                                     | 110,7   | 26,3             | 246,0                                | 2,2                        | P - 80 2 26.3  | T 100A2 | 7,5                                       |
|                                     | 110,3   | 8,7              | 246,7                                | 2,3                        | P - 90 2 8.7   | T 112B6 | 10,5                                      |
|                                     | 110,3   | 8,7              | 246,7                                | 1,4                        | P - 71 2 8.7   | T 112B6 | 7,5                                       |
|                                     | 110,3   | 26,1             | 246,6                                | 0,9                        | P - 63 2 26.1  | T 90LB2 | 5,6                                       |
|                                     | 110,2   | 26,4             | 241,7                                | 2,2                        | P L 65 3 26.4  | T 100A2 | 8,0                                       |
|                                     | 109,5   | 26,3             | 248,5                                | 2,2                        | P - 80 2 26.3  | T 90LB2 | 7,5                                       |
|                                     | 109,1   | 26,4             | 244,2                                | 2,2                        | P L 65 3 26.4  | T 90LB2 | 8,0                                       |
|                                     | 106,7   | 9,0              | 255,2                                | 0,9                        | P - 63 2 9     | T 112B6 | 5,6                                       |
|                                     | 105,9   | 13,5             | 256,9                                | 1,0                        | P - 63 2 13.5  | T 100B4 | 5,6                                       |
|                                     | 105,8   | 27,5             | 251,8                                | 3,4                        | P L 85 3 27.5  | T 100A2 | 11,0                                      |
|                                     | 105,1   | 27,7             | 259,1                                | 2,9                        | P - 90 2 27.7  | T 100A2 | 10,5                                      |
|                                     | 104,7   | 27,5             | 254,4                                | 3,4                        | P L 85 3 27.5  | T 90LB2 | 11,0                                      |
|                                     | 104,3   | 9,3              | 261,0                                | 2,1                        | P - 90 2 9.3   | T 132S6 | 10,5                                      |
|                                     | 104,0   | 13,8             | 261,7                                | 2,9                        | P - 80 2 13.75 | T 100B4 | 7,5                                       |
|                                     | 104,0   | 27,7             | 261,8                                | 2,8                        | P - 90 2 27.7  | T 90LB2 | 10,5                                      |
|                                     | 103,2   | 9,3              | 263,7                                | 2,1                        | P - 90 2 9.3   | T 112B6 | 10,5                                      |
|                                     | 103,2   | 9,4              | 263,7                                | 2,8                        | P - 80 2 9.4   | T 132S6 | 7,5                                       |
|                                     | 102,5   | 28,4             | 265,4                                | 2,0                        | P - 80 2 28.38 | T 100A2 | 7,5                                       |
|                                     | 102,1   | 14,0             | 266,5                                | 3,4                        | P - 90 2 14    | T 100B4 | 10,5                                      |
|                                     | 102,1   | 14,0             | 266,5                                | 1,7                        | P - 71 2 14    | T 100B4 | 7,5                                       |
|                                     | 102,1   | 9,4              | 266,5                                | 2,8                        | P - 80 2 9.4   | T 112B6 | 7,5                                       |
|                                     | 101,5   | 28,4             | 268,2                                | 2,0                        | P - 80 2 28.38 | T 90LB2 | 7,5                                       |
|                                     | 101,4   | 28,7             | 262,7                                | 0,9                        | P L 45 3 28.7  | T 100A2 | 6,5                                       |
|                                     | 101,0   | 28,8             | 269,4                                | 1,5                        | P - 71 2 28.8  | T 100A2 | 7,5                                       |
|                                     | 100,4   | 28,7             | 265,5                                | 0,8                        | P L 45 3 28.7  | T 90LB2 | 6,5                                       |
|                                     | 100,0   | 9,7              | 272,2                                | 3,2                        | P - 90 2 9.7   | T 132S6 | 10,5                                      |
|                                     | 100,0   | 28,8             | 272,2                                | 1,5                        | P - 71 2 28.8  | T 90LB2 | 7,5                                       |
|                                     | 99,3  | 14,4             | 274,1                                | 0,8                        | P - 63 2 14.4  | T 100B4 | 5,6                                       |
|                                     | 99,0  | 9,7              | 275,0                                | 4,0                        | P - 112 2 9.7  | T 112B6 | 16,5                                      |
|                                     | 99,0  | 9,7              | 275,0                                | 3,2                        | P - 90 2 9.7   | T 112B6 | 10,5                                      |
|                                     | 97,0  | 14,7             | 280,5                                | 2,7                        | P - 80 2 14.74 | T 100B4 | 7,5                                       |
|                                     | 96,6  | 10,0             | 281,7                                | 2,6                        | P - 80 2 10.04 | T 132S6 | 7,5                                       |
|                                     | 96,5  | 30,2             | 282,0                                | 1,9                        | P - 80 2 30.15 | T 100A2 | 7,5                                       |
|                                     | 95,6  | 10,0             | 284,7                                | 2,5                        | P - 80 2 10.04 | T 112B6 | 7,5                                       |
|                                     | 95,5  | 30,2             | 285,0                                | 1,9                        | P - 80 2 30.15 | T 90LB2 | 7,5                                       |
|                                     | 95,4  | 30,5             | 285,3                                | 2,6                        | P - 90 2 30.5  | T 100A2 | 10,5                                      |
|                                     | 94,4  | 30,5             | 288,2                                | 2,6                        | P - 90 2 30.5  | T 90LB2 | 10,5                                      |
|                                     | 94,1  | 10,2             | 289,2                                | 1,6                        | P - 71 2 10.2  | T 112B6 | 7,5                                       |
|                                     | 92,3  | 10,4             | 294,8                                | 0,8                        | P - 63 2 10.4  | T 112B6 | 5,6                                       |
|                                     | 91,8  | 31,7             | 296,5                                | 0,7                        | P - 63 2 31.7  | T 100A2 | 5,6                                       |
|                                     | 90,9  | 32,0             | 293,0                                | 0,8                        | P L 45 3 32    | T 100A2 | 6,5                                       |
|                                     | 90,9  | 31,7             | 299,6                                | 0,7                        | P - 63 2 31.7  | T 90LB2 | 5,6                                       |
|                                     | 90,1  | 32,3             | 295,7                                | 1,8                        | P L 65 3 32.3  | T 100A2 | 8,0                                       |
|                                     | 90,0  | 32,0             | 296,1                                | 0,8                        | P L 45 3 32    | T 90LB2 | 6,5                                       |
|                                     | 89,4  | 16,0             | 304,5                                | 3,0                        | P - 90 2 16    | T 100B4 | 10,5                                      |
|                                     | 89,2  | 32,3             | 298,8                                | 1,8                        | P L 65 3 32.3  | T 90LB2 | 8,0                                       |
|                                     | 89,0  | 10,9             | 305,9                                | 3,0                        | P - 90 2 10.9  | T 132S6 | 10,5                                      |
|                                     | 88,8  | 16,1             | 306,5                                | 1,5                        | P - 71 2 16.1  | T 100B4 | 7,5                                       |
|                                     | 88,1  | 10,9             | 309,0                                | 3,0                        | P - 90 2 10.9  | T 112B6 | 10,5                                      |
|                                     | 87,9  | 33,1             | 309,5                                | 1,2                        | P - 71 2 33.1  | T 100A2 | 7,5                                       |
|                                     | 87,4  | 11,1             | 311,4                                | 3,5                        | P - 112 2 11.1 | T 132S6 | 16,5                                      |

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HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 87.0  | 33.1             | 312.9                                 | 1.2                        | P - 71 2 33.1   | T 90LB2   | 7.5                                       |
|                                     | 86.5  | 11.1             | 314.7                                 | 3.5                        | P - 112 2 11.1  | T 112B6   | 16.5                                      |
|                                     | 84.6  | 16.9             | 321.6                                 | 0.8                        | P - 63 2 16.9   | T 100B4   | 5.6                                       |
|                                     | 84.4  | 34.5             | 315.9                                 | 3.1                        | P L 85 3 34.5   | T 100A2   | 11.0                                      |
|                                     | 83.8  | 17.1             | 324.9                                 | 2.6                        | P - 80 2 17.07  | T 100B4   | 7.5                                       |
|                                     | 83.6  | 34.8             | 325.4                                 | 1.7                        | P - 80 2 34.79  | T 100A2   | 7.5                                       |
|                                     | 83.6  | 17.1             | 325.5                                 | 2.8                        | P - 90 2 17.1   | T 100B4   | 10.5                                      |
|                                     | 83.5  | 34.5             | 319.2                                 | 3.1                        | P L 85 3 34.5   | T 90LB2   | 11.0                                      |
|                                     | 83.5  | 11.6             | 326.0                                 | 2.2                        | P - 80 2 11.62  | T 132S6   | 7.5                                       |
|                                     | 83.1  | 35.0             | 327.4                                 | 2.1                        | P - 90 2 35   | T 100A2   | 10.5                                      |
|                                     | 82.8  | 34.8             | 328.8                                 | 1.6                        | P - 80 2 34.79  | T 90LB2   | 7.5                                       |
|                                     | 82.8  | 11.6             | 328.8                                 | 1.5                        | P - 71 2 11.6   | T 112B6   | 7.5                                       |
|                                     | 82.7  | 17.3             | 329.3                                 | 1.4                        | P - 71 2 17.3   | T 100B4   | 7.5                                       |
|                                     | 82.6  | 11.6             | 329.4                                 | 2.2                        | P - 80 2 11.62  | T 112B6   | 7.5                                       |
|                                     | 82.3  | 35.0             | 330.8                                 | 2.1                        | P - 90 2 35   | T 90LB2   | 10.5                                      |
|                                     | 81.4  | 11.8             | 334.5                                 | 0.8                        | P - 63 2 11.8   | T 112B6   | 5.6                                       |
|                                     | 78.9  | 12.3             | 345.1                                 | 2.7                        | P - 90 2 12.3   | T 132S6   | 10.5                                      |
|                                     | 78.1  | 12.3             | 348.7                                 | 2.6                        | P - 90 2 12.3   | T 112B6   | 10.5                                      |
|                                     | 78.1  | 12.3             | 348.7                                 | 0.9                        | P - 71 2 12.3   | T 112B6   | 7.5                                       |
|                                     | 78.0  | 37.3             | 348.8                                 | 1.0                        | P - 71 2 37.3   | T 100A2   | 7.5                                       |
|                                     | 77.5  | 18.5             | 351.2                                 | 2.6                        | P - 80 2 18.45  | T 100B4   | 7.5                                       |
|                                     | 77.4  | 37.6             | 344.3                                 | 1.6                        | P L 65 3 37.6   | T 100A2   | 8.0                                       |
|                                     | 77.2  | 37.3             | 352.5                                 | 1.0                        | P - 71 2 37.3   | T 90LB2   | 7.5                                       |
|                                     | 76.7  | 38.0             | 355.0                                 | 1.5                        | P - 80 2 37.95  | T 100A2   | 7.5                                       |
|                                     | 76.6  | 37.6             | 347.9                                 | 1.6                        | P L 65 3 37.6   | T 90LB2   | 8.0                                       |
|                                     | 76.5  | 18.7             | 355.9                                 | 1.3                        | P - 71 2 18.7   | T 100B4   | 7.5                                       |
|                                     | 75.9  | 38.0             | 358.6                                 | 1.5                        | P - 80 2 37.95  | T 90LB2   | 7.5                                       |
|                                     | 75.2  | 38.7             | 354.4                                 | 3.0                        | P L 85 3 38.7   | T 100A2   | 11.0                                      |
|                                     | 75.2  | 38.7             | 354.4                                 | 2.0                        | P - 90 3 38.7   | T 100A2   | 7.5                                       |
|                                     | 74.4  | 38.7             | 358.0                                 | 3.0                        | P L 85 3 38.7   | T 90LB2   | 11.0                                      |
|                                     | 74.4  | 38.7             | 358.1                                 | 2.0                        | P - 90 3 38.7   | T 90LB2   | 7.5                                       |
|                                     | 73.4  | 39.6             | 370.7                                 | 1.2                        | P - 80 2 39.63  | T 100A2   | 7.5                                       |
|                                     | 73.4  | 19.5             | 371.0                                 | 1.6                        | P - 80 2 19.49  | T 100B4   | 7.5                                       |
|                                     | 72.9  | 39.5             | 365.4                                 | 1.1                        | P - 71 3 39.5   | T 90LB2   | 5.4                                       |
|                                     | 72.7  | 39.6             | 374.6                                 | 1.2                        | P - 80 2 39.63  | T 90LB2   | 7.5                                       |
|                                     | 72.2  | 19.8             | 376.9                                 | 2.4                        | P - 90 2 19.8   | T 100B4   | 10.5                                      |
|                                     | 72.0  | 40.4             | 377.8                                 | 1.5                        | P - 90 2 40.4   | T 100A2   | 10.5                                      |
|                                     | 71.5  | 40.7             | 380.7                                 | 3.8                        | P - 112 2 40.7  | T 100A2   | 16.5                                      |
|                                     | 71.3  | 40.4             | 381.8                                 | 1.5                        | P - 90 2 40.4   | T 90LB2   | 10.5                                      |
|                                     | 70.8  | 20.2             | 384.5                                 | 1.2                        | P - 71 2 20.2   | T 100B4   | 7.5                                       |
|                                     | 70.6  | 13.8             | 385.8                                 | 2.1                        | P - 80 2 13.75  | T 132S6   | 7.5                                       |
|                                     | 69.8  | 13.8             | 389.8                                 | 2.1                        | P - 80 2 13.75  | T 112B6   | 7.5                                       |
|                                     | 69.7  | 20.5             | 390.8                                 | 1.5                        | P - 80 2 20.53  | T 100B4   | 7.5                                       |
|                                     | 69.3  | 14.0             | 392.8                                 | 2.3                        | P - 90 2 14   | T 132S6   | 10.5                                      |
|                                     | 68.9  | 42.3             | 395.2                                 | 1.1                        | P - 80 2 42.25  | T 100A2   | 7.5                                       |
|                                     | 68.6  | 14.0             | 397.0                                 | 2.3                        | P - 90 2 14   | T 112B6   | 10.5                                      |
|                                     | 68.6  | 14.0             | 396.9                                 | 1.2                        | P - 71 2 14   | T 112B6   | 7.5                                       |
|                                     | 68.2  | 42.3             | 399.3                                 | 1.1                        | P - 80 2 42.25  | T 90LB2   | 7.5                                       |
|                                     | 66.8  | 21.4             | 407.3                                 | 2.2                        | P - 90 2 21.4   | T 100B4   | 10.5                                      |
|                                     | 66.6  | 21.5             | 408.4                                 | 1.5                        | P - 80 2 21.46  | T 100B4   | 7.5                                       |
|                                     | 66.6  | 43.7             | 400.1                                 | 2.7                        | P L 85 3 43.7   | T 100A2   | 11.0                                      |
|                                     | 66.6  | 43.7             | 400.1                                 | 1.9                        | P - 90 3 43.7   | T 100A2   | 7.5                                       |
|                                     | 66.0  | 44.1             | 412.4                                 | 1.7                        | P - 90 2 44.1   | T 100A2   | 10.5                                      |
|                                     | 65.9  | 43.7             | 404.3                                 | 2.7                        | P L 85 3 43.7   | T 90LB2   | 11.0                                      |
|                                     | 65.9  | 43.7             | 404.3                                 | 1.9                        | P - 90 3 43.7   | T 90LB2   | 7.5                                       |
|                                     | 65.8  | 14.7             | 413.6                                 | 2.0                        | P - 80 2 14.74  | T 132S6   | 7.5                                       |
|                                     | 65.3  | 44.1             | 416.7                                 | 1.7                        | P - 90 2 44.1   | T 90LB2   | 10.5                                      |
|                                     | 65.3  | 21.9             | 416.8                                 | 1.1                        | P - 71 2 21.9   | T 100B4   | 7.5                                       |
|                                     | 65.1  | 14.7             | 417.9                                 | 2.0                        | P - 80 2 14.74  | T 112B6   | 7.5                                       |
|                                     | 65.1  | 44.7             | 418.1                                 | 3.5                        | P - 112 2 44.7  | T 100A2   | 16.5                                      |
|                                     | 65.1  | 44.7             | 418.1                                 | 1.0                        | P - 71 2 44.7   | T 100A2   | 7.5                                       |
|                                     | 64.4  | 44.7             | 422.4                                 | 0.9                        | P - 71 2 44.7   | T 90LB2   | 7.5                                       |
|                                     | 63.3  | 46.0             | 421.2                                 | 1.3                        | P L 65 3 46   | T 100A2   | 8.0                                       |
|                                     | 62.6  | 46.0             | 425.5                                 | 1.3                        | P L 65 3 46   | T 90LB2   | 8.0                                       |
|                                     | 60.6  | 16.0             | 449.0                                 | 2.0                        | P - 90 2 16   | T 132S6   | 10.5                                      |
|                                     | 60.6  | 23.6             | 439.8                                 | 3.6                        | P L 95 3 23.6   | T 100B4   | 16.0                                      |
|                                     | 60.5  | 48.1             | 450.3                                 | 1.0                        | P - 80 2 48.14  | T 100A2   | 7.5                                       |
|                                     | 60.1  | 23.8             | 443.5                                 | 1.8                        | P L 85 3 23.8   | T 100B4   | 11.0                                      |
|                                     | 60.0  | 16.0             | 453.6                                 | 2.0                        | P - 90 2 16   | T 112B6   | 10.5                                      |
|                                     | 59.9  | 23.9             | 454.7                                 | 1.3                        | P - 80 2 23.89  | T 100B4   | 7.5                                       |
|                                     | 59.8  | 48.1             | 454.9                                 | 1.0                        | P - 80 2 48.14  | T 90LB2   | 7.5                                       |
|                                     | 59.6  | 48.8             | 446.9                                 | 1.7                        | P - 90 3 48.8   | T 100A2   | 7.5                                       |
|                                     | 59.6  | 16.1             | 456.4                                 | 1.1                        | P - 71 2 16.1   | T 112B6   | 7.5                                       |
|                                     | 59.5  | 16.3             | 457.4                                 | 3.9                        | P - 112 2 16.3  | T 132S6   | 16.5                                      |
|                                     | 59.5  | 48.9             | 457.3                                 | 3.2                        | P - 112 2 48.9  | T 100A2   | 16.5                                      |
|                                     | 59.0  | 48.8             | 451.4                                 | 1.7                        | P - 90 3 48.8   | T 90LB2   | 7.5                                       |
|                                     | 58.9  | 16.3             | 462.1                                 | 3.9                        | P - 112 2 16.3  | T 112B6   | 16.5                                      |
|                                     | 57.6  | 50.5             | 472.4                                 | 0.8                        | P - 71 2 50.5   | T 100A2   | 7.5                                       |
|                                     | 57.2  | 25.0             | 475.9                                 | 1.9                        | P - 90 2 25   | T 100B4   | 10.5                                      |
|                                     | 57.2  | 50.9             | 476.1                                 | 1.5                        | P - 90 2 50.9   | T 100A2   | 10.5                                      |
|                                     | 57.0  | 50.5             | 477.3                                 | 0.8                        | P - 71 2 50.5   | T 90LB2   | 7.5                                       |
|                                     | 56.8  | 51.2             | 468.8                                 | 2.9                        | P - 112 3 51.2  | T 100A2   | 11.8                                      |
|                                     | 56.8  | 17.1             | 479.0                                 | 1.9                        | P - 80 2 17.07  | T 132S6   | 7.5                                       |
|                                     | 56.7  | 17.1             | 479.7                                 | 1.9                        | P - 90 2 17.1   | T 132S6   | 10.5                                      |
|                                     | 56.6  | 50.9             | 481.0                                 | 1.5                        | P - 90 2 50.9   | T 90LB2   | 10.5                                      |
|                                     | 56.5  | 25.3             | 481.6                                 | 0.9                        | P - 71 2 25.3   | T 100B4   | 7.5                                       |
|                                     | 56.3  | 25.4             | 483.4                                 | 3.4                        | P - 112 2 25.4  | T 100B4   | 16.5                                      |
|                                     | 56.3  | 51.2             | 473.7                                 | 2.9                        | P - 112 3 51.2  | T 90LB2   | 11.8                                      |
|                                     | 56.2  | 17.1             | 484.0                                 | 1.9                        | P - 80 2 17.07  | T 112B6   | 7.5                                       |
|                                     | 56.1  | 17.1             | 484.8                                 | 1.9                        | P - 90 2 17.1   | T 112B6   | 10.5                                      |
|                                     | 55.5  | 17.3             | 490.5                                 | 1.0                        | P - 71 2 17.3   | T 112B6   | 7.5                                       |
|                                     | 54.8  | 53.1             | 496.7                                 | 4.0                        | P - 125 2 53.1  | T 100A2   | 21.0                                      |
|                                     | 54.8  | 17.7             | 496.7                                 | 3.6                        | P - 112 2 17.7  | T 132S6   | 16.5                                      |
|                                     | 54.4  | 26.3             | 500.6                                 | 1.2                        | P - 80 2 26.3   | T 100B4   | 7.5                                       |
|                                     | 54.2  | 17.7             | 501.8                                 | 3.6                        | P - 112 2 17.7  | T 112B6   | 16.5                                      |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|---------|---|
|                                     | 54.2  | 26.4             | 491.8                                | 1.2                        | P L 65 3 26.4  | T 100B4 | 8.0                                       |
|                                     | 53.8  | 53.5             | 494.9                                | 0.8                        | P - 71 3 53.5  | T 90LB2 | 5.4                                       |
|                                     | 53.6  | 54.3             | 497.2                                | 1.1                        | P L 65 3 54.3  | T 100A2 | 8.0                                       |
|                                     | 53.2  | 54.7             | 500.8                                | 3.8                        | P L 95 3 54.7  | T 100A2 | 16.0                                      |
|                                     | 53.0  | 54.3             | 502.3                                | 1.1                        | P L 65 3 54.3  | T 90LB2 | 8.0                                       |
|                                     | 52.7  | 55.2             | 505.4                                | 1.4                        | P - 90 3 55.2  | T 100A2 | 7.5                                       |
|                                     | 52.7  | 54.7             | 506.1                                | 3.7                        | P L 95 3 54.7  | T 90LB2 | 16.0                                      |
|                                     | 52.6  | 18.5             | 517.7                                | 1.9                        | P - 80 2 18.45 | T 132S6 | 7.5                                       |
|                                     | 52.2  | 27.4             | 510.5                                | 3.5                        | P L 95 3 27.4  | T 100B4 | 16.0                                      |
|                                     | 52.2  | 55.2             | 510.8                                | 1.4                        | P - 90 3 55.2  | T 90LB2 | 7.5                                       |
|                                     | 52.0  | 18.5             | 523.1                                | 1.9                        | P - 80 2 18.45 | T 112B6 | 7.5                                       |
|                                     | 52.0  | 27.5             | 512.4                                | 1.9                        | P L 85 3 27.5  | T 100B4 | 11.0                                      |
|                                     | 51.7  | 56.3             | 515.4                                | 2.1                        | P L 85 3 56.3  | T 100A2 | 11.0                                      |
|                                     | 51.6  | 27.7             | 527.2                                | 1.7                        | P - 90 2 27.7  | T 100B4 | 10.5                                      |
|                                     | 51.3  | 18.7             | 530.2                                | 0.9                        | P - 71 2 18.7  | T 112B6 | 7.5                                       |
|                                     | 51.2  | 56.3             | 520.9                                | 2.1                        | P L 85 3 56.3  | T 90LB2 | 11.0                                      |
|                                     | 50.6  | 57.5             | 537.8                                | 3.7                        | P - 125 2 57.5 | T 100A2 | 21.0                                      |
|                                     | 50.4  | 28.4             | 540.2                                | 1.1                        | P - 80 2 28.38 | T 100B4 | 7.5                                       |
|                                     | 49.8  | 19.5             | 546.9                                | 1.2                        | P - 80 2 19.49 | T 132S6 | 7.5                                       |
|                                     | 49.7  | 58.5             | 535.6                                | 2.6                        | P - 112 3 58.5 | T 100A2 | 11.8                                      |
|                                     | 49.7  | 28.8             | 548.3                                | 0.8                        | P - 71 2 28.8  | T 100B4 | 7.5                                       |
|                                     | 49.3  | 19.5             | 552.6                                | 1.2                        | P - 80 2 19.49 | T 112B6 | 7.5                                       |
|                                     | 49.2  | 58.5             | 541.2                                | 2.6                        | P - 112 3 58.5 | T 90LB2 | 11.8                                      |
|                                     | 49.1  | 29.1             | 553.9                                | 3.2                        | P - 112 2 29.1 | T 100B4 | 16.5                                      |
|                                     | 49.0  | 19.8             | 555.6                                | 1.7                        | P - 90 2 19.8  | T 132S6 | 10.5                                      |
|                                     | 48.7  | 19.9             | 558.4                                | 3.9                        | P - 125 2 19.9 | T 132S6 | 21.0                                      |
|                                     | 48.5  | 19.8             | 561.4                                | 1.6                        | P - 90 2 19.8  | T 112B6 | 10.5                                      |
|                                     | 48.2  | 19.9             | 564.2                                | 3.9                        | P - 125 2 19.9 | T 112B6 | 21.0                                      |
|                                     | 48.0  | 20.2             | 566.8                                | 3.3                        | P - 112 2 20.2 | T 132S6 | 16.5                                      |
|                                     | 47.5  | 20.2             | 572.8                                | 3.2                        | P - 112 2 20.2 | T 112B6 | 16.5                                      |
|                                     | 47.5  | 20.2             | 572.8                                | 0.8                        | P - 71 2 20.2  | T 112B6 | 7.5                                       |
|                                     | 47.4  | 30.2             | 573.8                                | 1.0                        | P - 80 2 30.15 | T 100B4 | 7.5                                       |
|                                     | 47.4  | 60.8             | 562.5                                | 0.7                        | P - 71 3 60.8  | T 90LB2 | 5.4                                       |
|                                     | 47.4  | 30.2             | 574.8                                | 3.8                        | P - 125 2 30.2 | T 100B4 | 21.0                                      |
|                                     | 47.3  | 20.5             | 576.0                                | 1.1                        | P - 80 2 20.53 | T 132S6 | 7.5                                       |
|                                     | 46.9  | 30.5             | 580.5                                | 1.6                        | P - 90 2 30.5  | T 100B4 | 10.5                                      |
|                                     | 46.8  | 20.5             | 582.1                                | 1.1                        | P - 80 2 20.53 | T 112B6 | 7.5                                       |
|                                     | 46.7  | 62.3             | 570.5                                | 1.3                        | P - 90 3 62.3  | T 100A2 | 7.5                                       |
|                                     | 46.4  | 62.7             | 574.1                                | 2.5                        | P - 112 3 62.7 | T 100A2 | 11.8                                      |
|                                     | 46.2  | 62.3             | 576.3                                | 1.3                        | P - 90 3 62.3  | T 90LB2 | 7.5                                       |
|                                     | 45.9  | 62.7             | 580.1                                | 2.4                        | P - 112 3 62.7 | T 90LB2 | 11.8                                      |
|                                     | 45.5  | 63.9             | 585.0                                | 1.8                        | P L 85 3 63.9  | T 100A2 | 11.0                                      |
|                                     | 45.3  | 21.4             | 600.4                                | 1.5                        | P - 90 2 21.4  | T 132S6 | 10.5                                      |
|                                     | 45.2  | 21.5             | 602.2                                | 1.1                        | P - 80 2 21.46 | T 132S6 | 7.5                                       |
|                                     | 45.2  | 64.4             | 589.5                                | 0.9                        | P L 65 3 64.4  | T 100A2 | 8.0                                       |
|                                     | 45.1  | 63.9             | 591.1                                | 1.8                        | P L 85 3 63.9  | T 90LB2 | 11.0                                      |
|                                     | 44.9  | 21.4             | 606.7                                | 1.5                        | P - 90 2 21.4  | T 112B6 | 10.5                                      |
|                                     | 44.9  | 64.2             | 594.1                                | 0.7                        | P - 71 3 64.2  | T 90LB2 | 5.4                                       |
|                                     | 44.7  | 21.5             | 608.5                                | 1.1                        | P - 80 2 21.46 | T 112B6 | 7.5                                       |
|                                     | 44.7  | 64.4             | 595.8                                | 0.9                        | P L 65 3 64.4  | T 90LB2 | 8.0                                       |
|                                     | 44.7  | 21.7             | 608.9                                | 3.0                        | P - 112 2 21.7 | T 132S6 | 16.5                                      |
|                                     | 44.5  | 65.4             | 598.7                                | 3.3                        | P L 95 3 65.4  | T 100A2 | 16.0                                      |
|                                     | 44.3  | 32.3             | 614.8                                | 2.8                        | P - 112 2 32.3 | T 100B4 | 16.5                                      |
|                                     | 44.3  | 32.3             | 601.8                                | 1.0                        | P L 65 3 32.3  | T 100B4 | 8.0                                       |
|                                     | 44.2  | 21.7             | 615.2                                | 3.0                        | P - 112 2 21.7 | T 112B6 | 16.5                                      |
|                                     | 44.0  | 65.4             | 605.0                                | 3.3                        | P L 95 3 65.4  | T 90LB2 | 16.0                                      |
|                                     | 43.8  | 21.9             | 621.0                                | 0.8                        | P - 71 2 21.9  | T 112B6 | 7.5                                       |
|                                     | 43.5  | 32.9             | 613.0                                | 3.4                        | P L 95 3 32.9  | T 100B4 | 16.0                                      |
|                                     | 43.2  | 67.4             | 617.1                                | 2.3                        | P - 112 3 67.4 | T 100A2 | 11.8                                      |
|                                     | 42.7  | 67.4             | 623.6                                | 2.3                        | P - 112 3 67.4 | T 90LB2 | 11.8                                      |
|                                     | 41.5  | 34.5             | 642.8                                | 1.7                        | P L 85 3 34.5  | T 100B4 | 11.0                                      |
|                                     | 41.2  | 70.6             | 646.4                                | 1.2                        | P - 90 3 70.6  | T 100A2 | 7.5                                       |
|                                     | 41.2  | 70.7             | 654.3                                | 4.0                        | P L 105 3 70.7 | T 100A2 | 22.0                                      |
|                                     | 41.1  | 23.6             | 648.3                                | 2.7                        | P L 95 3 23.6  | T 132S6 | 16.0                                      |
|                                     | 41.1  | 34.8             | 662.3                                | 0.9                        | P - 80 2 34.79 | T 100B4 | 7.5                                       |
|                                     | 40.9  | 35.0             | 666.1                                | 1.3                        | P - 90 2 35    | T 100B4 | 10.5                                      |
|                                     | 40.8  | 70.6             | 653.2                                | 1.2                        | P - 90 3 70.6  | T 90LB2 | 7.5                                       |
|                                     | 40.8  | 23.8             | 653.7                                | 1.3                        | P L 85 3 23.8  | T 132S6 | 11.0                                      |
|                                     | 40.7  | 70.7             | 661.0                                | 3.9                        | P L 105 3 70.7 | T 90LB2 | 22.0                                      |
|                                     | 40.7  | 23.6             | 655.0                                | 2.7                        | P L 95 3 23.6  | T 112B6 | 16.0                                      |
|                                     | 40.6  | 23.9             | 670.3                                | 1.0                        | P - 80 2 23.89 | T 132S6 | 7.5                                       |
|                                     | 40.3  | 23.8             | 660.5                                | 1.3                        | P L 85 3 23.8  | T 112B6 | 11.0                                      |
|                                     | 40.2  | 23.9             | 677.5                                | 1.0                        | P - 80 2 23.89 | T 112B6 | 7.5                                       |
|                                     | 40.1  | 72.6             | 664.8                                | 2.3                        | P - 112 3 72.6 | T 100A2 | 11.8                                      |
|                                     | 39.7  | 72.6             | 671.6                                | 2.2                        | P - 112 3 72.6 | T 90LB2 | 11.8                                      |
|                                     | 39.3  | 74.0             | 677.7                                | 1.6                        | P L 85 3 74    | T 100A2 | 11.0                                      |
|                                     | 39.2  | 74.2             | 679.4                                | 3.1                        | P L 95 3 74.2  | T 100A2 | 16.0                                      |
|                                     | 39.1  | 74.4             | 681.2                                | 0.8                        | P L 65 3 74.4  | T 100A2 | 8.0                                       |
|                                     | 38.9  | 74.0             | 684.6                                | 1.6                        | P L 85 3 74    | T 90LB2 | 11.0                                      |
|                                     | 38.8  | 74.2             | 686.6                                | 3.1                        | P L 95 3 74.2  | T 90LB2 | 16.0                                      |
|                                     | 38.8  | 25.0             | 701.4                                | 1.3                        | P - 90 2 25    | T 132S6 | 10.5                                      |
|                                     | 38.7  | 74.4             | 688.2                                | 0.8                        | P L 65 3 74.4  | T 90LB2 | 8.0                                       |
|                                     | 38.7  | 25.1             | 704.2                                | 3.2                        | P - 125 2 25.1 | T 132S6 | 21.0                                      |
|                                     | 38.4  | 25.0             | 708.8                                | 1.3                        | P - 90 2 25    | T 112B6 | 10.5                                      |
|                                     | 38.3  | 25.1             | 711.6                                | 3.2                        | P - 125 2 25.1 | T 112B6 | 21.0                                      |
|                                     | 38.2  | 25.4             | 712.7                                | 2.4                        | P - 112 2 25.4 | T 132S6 | 16.5                                      |
|                                     | 38.1  | 76.3             | 698.7                                | 1.1                        | P - 90 3 76.3  | T 100A2 | 7.5                                       |
|                                     | 38.0  | 37.6             | 700.7                                | 0.9                        | P L 65 3 37.6  | T 100B4 | 8.0                                       |
|                                     | 37.8  | 25.4             | 720.1                                | 2.4                        | P - 112 2 25.4 | T 112B6 | 16.5                                      |
|                                     | 37.8  | 76.3             | 705.9                                | 1.1                        | P - 90 3 76.3  | T 90LB2 | 7.5                                       |
|                                     | 37.7  | 38.0             | 722.3                                | 0.8                        | P - 80 2 37.95 | T 100B4 | 7.5                                       |
|                                     | 37.4  | 38.2             | 727.2                                | 3.2                        | P - 125 2 38.2 | T 100B4 | 21.0                                      |
|                                     | 37.1  | 38.5             | 725.1                                | 3.9                        | P L 105 3 38.5 | T 100B4 | 22.0                                      |
|                                     | 37.1  | 78.5             | 718.7                                | 2.1                        | P - 112 3 78.5 | T 100A2 | 11.8                                      |
|                                     | 37.0  | 38.7             | 721.2                                | 1.7                        | P L 85 3 38.7  | T 100B4 | 11.0                                      |

3





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 37.0  | 38.7             | 721.1                                 | 1.3                        | P - 90 3 38.7   | T 100B4   | 7.5                                       |
|                                     | 36.9  | 26.3             | 738.0                                 | 0.9                        | P - 80 2 26.3   | T 132S6   | 7.5                                       |
|                                     | 36.8  | 38.9             | 740.4                                 | 2.4                        | P - 112 2 38.9  | T 100B4   | 16.5                                      |
|                                     | 36.7  | 78.5             | 726.2                                 | 2.1                        | P - 112 3 78.5  | T 90LB2   | 11.8                                      |
|                                     | 36.5  | 26.3             | 745.8                                 | 0.9                        | P - 80 2 26.3   | T 112B6   | 7.5                                       |
|                                     | 36.5  | 79.8             | 738.4                                 | 3.7                        | P L 105 3 79.8  | T 100A2   | 22.0                                      |
|                                     | 36.4  | 26.4             | 732.8                                 | 0.9                        | P L 65 3 26.4   | T 112B6   | 8.0                                       |
|                                     | 36.1  | 79.8             | 746.2                                 | 3.6                        | P L 105 3 79.8  | T 90LB2   | 22.0                                      |
|                                     | 35.4  | 27.4             | 752.7                                 | 2.6                        | P L 95 3 27.4   | T 132S6   | 16.0                                      |
|                                     | 35.4  | 40.4             | 769.0                                 | 0.9                        | P - 90 2 40.4   | T 100B4   | 10.5                                      |
|                                     | 35.3  | 40.5             | 754.6                                 | 2.8                        | P L 95 3 40.5   | T 100B4   | 16.0                                      |
|                                     | 35.3  | 27.5             | 755.5                                 | 1.3                        | P L 85 3 27.5   | T 132S6   | 11.0                                      |
|                                     | 35.1  | 40.7             | 774.6                                 | 2.3                        | P - 112 2 40.7  | T 100B4   | 16.5                                      |
|                                     | 35.1  | 82.8             | 758.3                                 | 1.1                        | P - 90 3 82.8   | T 100A2   | 7.5                                       |
|                                     | 35.0  | 27.4             | 760.4                                 | 2.6                        | P L 95 3 27.4   | T 112B6   | 16.0                                      |
|                                     | 35.0  | 27.7             | 777.2                                 | 1.2                        | P - 90 2 27.7   | T 132S6   | 10.5                                      |
|                                     | 35.0  | 40.9             | 778.7                                 | 3.9                        | P - 132 2 40.91   | T 100B4   | 30.0                                      |
|                                     | 34.9  | 27.5             | 763.2                                 | 1.3                        | P L 85 3 27.5   | T 112B6   | 11.0                                      |
|                                     | 34.8  | 82.8             | 766.0                                 | 1.0                        | P - 90 3 82.8   | T 90LB2   | 7.5                                       |
|                                     | 34.7  | 27.7             | 785.2                                 | 1.2                        | P - 90 2 27.7   | T 112B6   | 10.5                                      |
|                                     | 34.3  | 84.9             | 777.4                                 | 1.4                        | P L 85 3 84.9   | T 100A2   | 11.0                                      |
|                                     | 34.2  | 28.4             | 796.4                                 | 0.8                        | P - 80 2 28.38  | T 132S6   | 7.5                                       |
|                                     | 33.9  | 28.6             | 794.0                                 | 3.6                        | P L 105 3 28.6  | T 132S6   | 22.0                                      |
|                                     | 33.9  | 84.9             | 785.5                                 | 1.4                        | P L 85 3 84.9   | T 90LB2   | 11.0                                      |
|                                     | 33.8  | 86.0             | 787.4                                 | 2.7                        | P L 95 3 86   | T 100A2   | 16.0                                      |
|                                     | 33.8  | 28.4             | 804.6                                 | 0.8                        | P - 80 2 28.38  | T 112B6   | 7.5                                       |
|                                     | 33.6  | 28.6             | 802.2                                 | 3.5                        | P L 105 3 28.6  | T 112B6   | 22.0                                      |
|                                     | 33.5  | 86.0             | 795.6                                 | 2.6                        | P L 95 3 86   | T 90LB2   | 16.0                                      |
|                                     | 33.3  | 29.1             | 816.7                                 | 2.3                        | P - 112 2 29.1  | T 132S6   | 16.5                                      |
|                                     | 33.3  | 87.3             | 799.4                                 | 1.9                        | P - 112 3 87.3  | T 100A2   | 11.8                                      |
|                                     | 33.3  | 87.4             | 808.8                                 | 3.5                        | P L 105 3 87.4  | T 100A2   | 22.0                                      |
|                                     | 33.0  | 29.1             | 825.0                                 | 2.2                        | P - 112 2 29.1  | T 112B6   | 16.5                                      |
|                                     | 33.0  | 87.3             | 807.6                                 | 1.9                        | P - 112 3 87.3  | T 90LB2   | 11.8                                      |
|                                     | 33.0  | 87.4             | 817.3                                 | 3.4                        | P L 105 3 87.4  | T 90LB2   | 22.0                                      |
|                                     | 32.7  | 43.7             | 814.3                                 | 1.5                        | P L 85 3 43.7   | T 100B4   | 11.0                                      |
|                                     | 32.7  | 43.7             | 814.4                                 | 1.1                        | P - 90 3 43.7   | T 100B4   | 7.5                                       |
|                                     | 32.4  | 44.1             | 839.3                                 | 1.0                        | P - 90 2 44.1   | T 100B4   | 10.5                                      |
|                                     | 32.3  | 44.3             | 843.1                                 | 2.6                        | P - 125 2 44.3  | T 100B4   | 21.0                                      |
|                                     | 32.2  | 30.2             | 845.9                                 | 0.8                        | P - 80 2 30.15  | T 132S6   | 7.5                                       |
|                                     | 32.1  | 90.6             | 838.4                                 | 3.4                        | P L 105 3 90.6  | T 100A2   | 22.0                                      |
|                                     | 32.1  | 30.2             | 847.4                                 | 2.8                        | P - 125 2 30.2  | T 132S6   | 21.0                                      |
|                                     | 32.0  | 44.7             | 850.8                                 | 2.1                        | P - 112 2 44.7  | T 100B4   | 16.5                                      |
|                                     | 31.9  | 44.9             | 845.6                                 | 3.3                        | P L 105 3 44.9  | T 100B4   | 22.0                                      |
|                                     | 31.8  | 30.2             | 854.8                                 | 0.8                        | P - 80 2 30.15  | T 112B6   | 7.5                                       |
|                                     | 31.8  | 30.5             | 855.8                                 | 1.1                        | P - 90 2 30.5   | T 132S6   | 10.5                                      |
|                                     | 31.8  | 90.6             | 847.1                                 | 3.4                        | P L 105 3 90.6  | T 90LB2   | 22.0                                      |
|                                     | 31.8  | 30.2             | 856.2                                 | 2.8                        | P - 125 2 30.2  | T 112B6   | 21.0                                      |
|                                     | 31.5  | 30.5             | 864.7                                 | 1.1                        | P - 90 2 30.5   | T 112B6   | 10.5                                      |
|                                     | 31.2  | 93.3             | 854.4                                 | 0.9                        | P - 90 3 93.3   | T 100A2   | 7.5                                       |
|                                     | 31.1  | 93.6             | 857.0                                 | 1.8                        | P - 112 3 93.6  | T 100A2   | 11.8                                      |
|                                     | 31.1  | 46.0             | 857.1                                 | 0.7                        | P L 65 3 46   | T 100B4   | 8.0                                       |
|                                     | 31.0  | 31.3             | 869.0                                 | 3.5                        | P L 105 3 31.3  | T 132S6   | 22.0                                      |
|                                     | 30.9  | 93.3             | 863.0                                 | 0.9                        | P - 90 3 93.3   | T 90LB2   | 7.5                                       |
|                                     | 30.8  | 93.6             | 865.9                                 | 1.7                        | P - 112 3 93.6  | T 90LB2   | 11.8                                      |
|                                     | 30.7  | 31.3             | 878.1                                 | 3.5                        | P L 105 3 31.3  | T 112B6   | 22.0                                      |
|                                     | 30.5  | 46.9             | 873.9                                 | 2.4                        | P L 95 3 46.9   | T 100B4   | 16.0                                      |
|                                     | 30.2  | 32.1             | 901.5                                 | 3.9                        | P - 132 2 32.13   | T 132S6   | 30.0                                      |
|                                     | 30.0  | 32.3             | 906.3                                 | 2.0                        | P - 112 2 32.3  | T 132S6   | 16.5                                      |
|                                     | 29.9  | 32.1             | 910.9                                 | 3.8                        | P - 132 2 32.13   | T 112B6   | 30.0                                      |
|                                     | 29.7  | 32.3             | 915.8                                 | 2.0                        | P - 112 2 32.3  | T 112B6   | 16.5                                      |
|                                     | 29.7  | 32.3             | 896.6                                 | 0.7                        | P L 65 3 32.3   | T 112B6   | 8.0                                       |
|                                     | 29.7  | 98.0             | 897.5                                 | 1.2                        | P L 85 3 98   | T 100A2   | 11.0                                      |
|                                     | 29.6  | 98.4             | 901.0                                 | 2.3                        | P L 95 3 98.4   | T 100A2   | 16.0                                      |
|                                     | 29.5  | 32.9             | 903.8                                 | 2.5                        | P L 95 3 32.9   | T 132S6   | 16.0                                      |
|                                     | 29.4  | 98.0             | 906.5                                 | 1.2                        | P L 85 3 98   | T 90LB2   | 11.0                                      |
|                                     | 29.3  | 48.8             | 909.4                                 | 1.0                        | P - 90 3 48.8   | T 100B4   | 7.5                                       |
|                                     | 29.3  | 98.4             | 910.3                                 | 2.3                        | P L 95 3 98.4   | T 90LB2   | 16.0                                      |
|                                     | 29.2  | 48.9             | 930.9                                 | 1.9                        | P - 112 2 48.9  | T 100B4   | 16.5                                      |
|                                     | 29.2  | 32.9             | 913.1                                 | 2.5                        | P L 95 3 32.9   | T 112B6   | 16.0                                      |
|                                     | 29.0  | 100.4            | 929.3                                 | 3.2                        | P L 105 3 100.4   | T 100A2   | 22.0                                      |
|                                     | 28.9  | 100.6            | 921.0                                 | 0.9                        | P - 90 3 100.6  | T 100A2   | 7.5                                       |
|                                     | 28.9  | 33.6             | 941.5                                 | 3.2                        | P - 132 2 33.55   | T 132S6   | 30.0                                      |
|                                     | 28.7  | 100.4            | 938.7                                 | 3.2                        | P L 105 3 100.4   | T 90LB2   | 22.0                                      |
|                                     | 28.6  | 100.6            | 930.6                                 | 0.9                        | P - 90 3 100.6  | T 90LB2   | 7.5                                       |
|                                     | 28.6  | 33.6             | 951.3                                 | 3.2                        | P - 132 2 33.55   | T 112B6   | 30.0                                      |
|                                     | 28.2  | 50.7             | 954.7                                 | 2.9                        | P L 105 3 50.7  | T 100B4   | 22.0                                      |
|                                     | 28.1  | 34.5             | 947.5                                 | 1.2                        | P L 85 3 34.5   | T 132S6   | 11.0                                      |
|                                     | 28.1  | 50.9             | 968.8                                 | 0.9                        | P - 90 2 50.9   | T 100B4   | 10.5                                      |
|                                     | 27.9  | 51.2             | 954.0                                 | 1.8                        | P - 112 3 51.2  | T 100B4   | 11.8                                      |
|                                     | 27.8  | 34.5             | 957.3                                 | 1.2                        | P L 85 3 34.5   | T 112B6   | 11.0                                      |
|                                     | 27.7  | 35.0             | 982.3                                 | 0.9                        | P - 90 2 35   | T 132S6   | 10.5                                      |
|                                     | 27.6  | 35.2             | 977.1                                 | 3.1                        | P L 105 3 35.2  | T 132S6   | 22.0                                      |
|                                     | 27.4  | 35.0             | 992.2                                 | 0.9                        | P - 90 2 35   | T 112B6   | 10.5                                      |
|                                     | 27.3  | 35.2             | 987.6                                 | 3.1                        | P L 105 3 35.2  | T 112B6   | 22.0                                      |
|                                     | 26.9  | 53.1             | 1010.7                                | 2.2                        | P - 125 2 53.1  | T 100B4   | 21.0                                      |
|                                     | 26.9  | 108.4            | 992.3                                 | 1.5                        | P - 112 3 108.4   | T 100A2   | 11.8                                      |
|                                     | 26.7  | 108.9            | 997.1                                 | 0.9                        | P - 90 3 108.9  | T 100A2   | 7.5                                       |
|                                     | 26.6  | 108.4            | 1002.9                                | 1.5                        | P - 112 3 108.4   | T 90LB2   | 11.8                                      |
|                                     | 26.5  | 108.9            | 1007.4                                | 0.9                        | P - 90 3 108.9  | T 90LB2   | 7.5                                       |
|                                     | 26.3  | 110.5            | 1022.8                                | 2.9                        | P L 105 3 110.5   | T 100A2   | 22.0                                      |
|                                     | 26.3  | 36.9             | 1036.1                                | 3.2                        | P - 132 2 36.92   | T 132S6   | 30.0                                      |
|                                     | 26.1  | 54.7             | 1019.3                                | 2.1                        | P L 95 3 54.7   | T 100B4   | 16.0                                      |
|                                     | 26.1  | 110.5            | 1033.4                                | 2.9                        | P L 105 3 110.5   | T 90LB2   | 22.0                                      |
|                                     | 26.0  | 36.9             | 1046.8                                | 3.1                        | P - 132 2 36.92   | T 112B6   | 30.0                                      |
|                                     | 26.0  | 55.0             | 1035.8                                | 2.8                        | P L 105 3 55  | T 100B4   | 22.0                                      |

3



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|---------|---|
|                                     | 25.9  | 55.2             | 1028.2                                | 0.9                        | P - 90 3 55.2   | T 100B4 | 7.5                                       |
|                                     | 25.6  | 113.5            | 1039.1                                | 1.0                        | P L 85 3 113.5  | T 100A2 | 11.0                                      |
|                                     | 25.4  | 56.3             | 1049.0                                | 1.1                        | P L 85 3 56.3   | T 100B4 | 11.0                                      |
|                                     | 25.4  | 38.2             | 1071.9                                | 2.3                        | P - 125 2 38.2  | T 132S6 | 21.0                                      |
|                                     | 25.4  | 113.5            | 1050.2                                | 1.0                        | P L 85 3 113.5  | T 90LB2 | 11.0                                      |
|                                     | 25.2  | 38.5             | 1069.1                                | 2.9                        | P L 105 3 38.5  | T 132S6 | 22.0                                      |
|                                     | 25.1  | 38.2             | 1083.1                                | 2.3                        | P - 125 2 38.2  | T 112B6 | 21.0                                      |
|                                     | 25.1  | 116.0            | 1062.0                                | 2.0                        | P L 95 3 116    | T 100A2 | 16.0                                      |
|                                     | 25.1  | 38.7             | 1063.2                                | 1.2                        | P L 85 3 38.7   | T 132S6 | 11.0                                      |
|                                     | 24.9  | 38.5             | 1079.8                                | 2.8                        | P L 105 3 38.5  | T 112B6 | 22.0                                      |
|                                     | 24.9  | 38.9             | 1091.2                                | 1.7                        | P - 112 2 38.9  | T 132S6 | 16.5                                      |
|                                     | 24.9  | 57.5             | 1094.3                                | 2.0                        | P - 125 2 57.5  | T 100B4 | 21.0                                      |
|                                     | 24.8  | 116.0            | 1073.1                                | 2.0                        | P L 95 3 116    | T 90LB2 | 16.0                                      |
|                                     | 24.8  | 117.2            | 1073.0                                | 1.4                        | P - 112 3 117.2 | T 100A2 | 11.8                                      |
|                                     | 24.8  | 38.7             | 1074.1                                | 1.2                        | P L 85 3 38.7   | T 112B6 | 11.0                                      |
|                                     | 24.8  | 38.7             | 1073.9                                | 0.9                        | P - 90 3 38.7   | T 112B6 | 7.5                                       |
|                                     | 24.7  | 38.9             | 1102.7                                | 1.7                        | P - 112 2 38.9  | T 112B6 | 16.5                                      |
|                                     | 24.6  | 117.2            | 1084.3                                | 1.4                        | P - 112 3 117.2 | T 90LB2 | 11.8                                      |
|                                     | 24.4  | 58.5             | 1090.1                                | 1.6                        | P - 112 3 58.5  | T 100B4 | 11.8                                      |
|                                     | 24.0  | 40.5             | 1112.5                                | 2.1                        | P L 95 3 40.5   | T 132S6 | 16.0                                      |
|                                     | 23.8  | 40.7             | 1142.1                                | 1.6                        | P - 112 2 40.7  | T 132S6 | 16.5                                      |
|                                     | 23.7  | 40.9             | 1147.9                                | 2.8                        | P - 132 2 40.91 | T 132S6 | 30.0                                      |
|                                     | 23.7  | 40.5             | 1124.2                                | 2.0                        | P L 95 3 40.5   | T 112B6 | 16.0                                      |
|                                     | 23.6  | 40.7             | 1153.8                                | 1.6                        | P - 112 2 40.7  | T 112B6 | 16.5                                      |
|                                     | 23.5  | 40.9             | 1159.6                                | 2.8                        | P - 132 2 40.91 | T 112B6 | 30.0                                      |
|                                     | 23.3  | 125.0            | 1144.7                                | 0.8                        | P - 90 3 125    | T 100A2 | 7.5                                       |
|                                     | 23.1  | 126.1            | 1166.9                                | 2.6                        | P L 105 3 126.1 | T 100A2 | 22.0                                      |
|                                     | 23.0  | 125.0            | 1156.3                                | 0.8                        | P - 90 3 125    | T 90LB2 | 7.5                                       |
|                                     | 23.0  | 62.3             | 1161.2                                | 0.8                        | P - 90 3 62.3   | T 100B4 | 7.5                                       |
|                                     | 22.8  | 126.1            | 1179.2                                | 2.6                        | P L 105 3 126.1 | T 90LB2 | 22.0                                      |
|                                     | 22.8  | 62.7             | 1180.6                                | 2.5                        | P L 105 3 62.7  | T 100B4 | 22.0                                      |
|                                     | 22.8  | 62.7             | 1168.2                                | 1.5                        | P - 112 3 62.7  | T 100B4 | 11.8                                      |
|                                     | 22.7  | 128.3            | 1174.9                                | 1.3                        | P - 112 3 128.3 | T 100A2 | 11.8                                      |
|                                     | 22.7  | 42.8             | 1201.1                                | 3.9                        | P - 150 2 42.8  | T 132S6 | 38.0                                      |
|                                     | 22.5  | 128.3            | 1186.7                                | 1.3                        | P - 112 3 128.3 | T 90LB2 | 11.8                                      |
|                                     | 22.4  | 42.8             | 1213.4                                | 3.9                        | P - 150 2 42.8  | T 112B6 | 38.0                                      |
|                                     | 22.4  | 63.9             | 1190.5                                | 1.0                        | P L 85 3 63.9   | T 100B4 | 11.0                                      |
|                                     | 22.3  | 64.1             | 1207.1                                | 4.0                        | P L 115 3 64.1  | T 100B4 | 26.0                                      |
|                                     | 22.2  | 43.7             | 1200.4                                | 1.1                        | P L 85 3 43.7   | T 132S6 | 11.0                                      |
|                                     | 22.0  | 44.1             | 1237.0                                | 0.8                        | P - 90 2 44.1   | T 132S6 | 10.5                                      |
|                                     | 22.0  | 43.7             | 1212.7                                | 1.1                        | P L 85 3 43.7   | T 112B6 | 11.0                                      |
|                                     | 22.0  | 43.7             | 1212.6                                | 0.8                        | P - 90 3 43.7   | T 112B6 | 7.5                                       |
|                                     | 21.9  | 44.3             | 1242.7                                | 1.9                        | P - 125 2 44.3  | T 132S6 | 21.0                                      |
|                                     | 21.9  | 65.4             | 1218.4                                | 1.8                        | P L 95 3 65.4   | T 100B4 | 16.0                                      |
|                                     | 21.8  | 44.1             | 1250.0                                | 0.8                        | P - 90 2 44.1   | T 112B6 | 10.5                                      |
|                                     | 21.7  | 44.7             | 1254.4                                | 1.4                        | P - 112 2 44.7  | T 132S6 | 16.5                                      |
|                                     | 21.7  | 44.3             | 1256.0                                | 1.9                        | P - 125 2 44.3  | T 112B6 | 21.0                                      |
|                                     | 21.7  | 134.4            | 1230.7                                | 1.7                        | P L 95 3 134.4  | T 100A2 | 16.0                                      |
|                                     | 21.6  | 44.9             | 1246.9                                | 2.4                        | P L 105 3 44.9  | T 132S6 | 22.0                                      |
|                                     | 21.5  | 44.7             | 1267.0                                | 1.4                        | P - 112 2 44.7  | T 112B6 | 16.5                                      |
|                                     | 21.4  | 135.8            | 1256.7                                | 3.6                        | P L 115 3 135.8 | T 100A2 | 26.0                                      |
|                                     | 21.4  | 134.4            | 1243.3                                | 1.7                        | P L 95 3 134.4  | T 90LB2 | 16.0                                      |
|                                     | 21.4  | 44.9             | 1259.6                                | 2.4                        | P L 105 3 44.9  | T 112B6 | 22.0                                      |
|                                     | 21.3  | 136.8            | 1252.9                                | 0.9                        | P L 85 3 136.8  | T 100A2 | 11.0                                      |
|                                     | 21.2  | 67.4             | 1255.7                                | 1.4                        | P - 112 3 67.4  | T 100B4 | 11.8                                      |
|                                     | 21.1  | 136.8            | 1265.6                                | 0.9                        | P L 85 3 136.8  | T 90LB2 | 11.0                                      |
|                                     | 20.8  | 139.9            | 1294.8                                | 2.4                        | P L 105 3 139.9 | T 100A2 | 22.0                                      |
|                                     | 20.7  | 46.9             | 1288.5                                | 1.8                        | P L 95 3 46.9   | T 132S6 | 16.0                                      |
|                                     | 20.6  | 141.0            | 1290.8                                | 0.7                        | P - 90 3 141    | T 100A2 | 7.5                                       |
|                                     | 20.6  | 139.9            | 1307.9                                | 2.3                        | P L 105 3 139.9 | T 90LB2 | 22.0                                      |
|                                     | 20.5  | 47.3             | 1327.0                                | 3.4                        | P - 150 2 47.3  | T 132S6 | 38.0                                      |
|                                     | 20.5  | 46.9             | 1301.7                                | 1.8                        | P L 95 3 46.9   | T 112B6 | 16.0                                      |
|                                     | 20.3  | 47.3             | 1340.8                                | 3.3                        | P - 150 2 47.3  | T 112B6 | 38.0                                      |
|                                     | 20.2  | 70.7             | 1331.3                                | 2.2                        | P L 105 3 70.7  | T 100B4 | 22.0                                      |
|                                     | 19.8  | 48.9             | 1371.7                                | 1.3                        | P - 112 2 48.9  | T 132S6 | 16.5                                      |
|                                     | 19.7  | 72.6             | 1352.4                                | 1.3                        | P - 112 3 72.6  | T 100B4 | 11.8                                      |
|                                     | 19.7  | 148.0            | 1355.4                                | 1.1                        | P - 112 3 148   | T 100A2 | 11.8                                      |
|                                     | 19.6  | 148.2            | 1371.3                                | 3.3                        | P L 115 3 148.2 | T 100A2 | 26.0                                      |
|                                     | 19.6  | 48.9             | 1386.5                                | 1.3                        | P - 112 2 48.9  | T 112B6 | 16.5                                      |
|                                     | 19.5  | 49.7             | 1379.6                                | 3.8                        | P L 115 3 49.7  | T 132S6 | 26.0                                      |
|                                     | 19.5  | 148.0            | 1369.0                                | 1.1                        | P - 112 3 148   | T 90LB2 | 11.8                                      |
|                                     | 19.4  | 73.8             | 1389.7                                | 3.6                        | P L 115 3 73.8  | T 100B4 | 26.0                                      |
|                                     | 19.3  | 49.7             | 1394.0                                | 3.8                        | P L 115 3 49.7  | T 112B6 | 26.0                                      |
|                                     | 19.3  | 74.0             | 1379.3                                | 0.9                        | P L 85 3 74     | T 100B4 | 11.0                                      |
|                                     | 19.3  | 74.2             | 1382.8                                | 1.7                        | P L 95 3 74.2   | T 100B4 | 16.0                                      |
|                                     | 19.2  | 151.5            | 1342.3                                | 2.4                        | P E 125 151,48  | T 100A2 | 10.5                                      |
|                                     | 19.1  | 50.7             | 1407.9                                | 2.2                        | P L 105 3 50.7  | T 132S6 | 22.0                                      |
|                                     | 19.0  | 151.5            | 1356.3                                | 2.4                        | P E 125 151,48  | T 90LB2 | 10.5                                      |
|                                     | 18.9  | 50.7             | 1422.8                                | 2.1                        | P L 105 3 50.7  | T 112B6 | 22.0                                      |
|                                     | 18.9  | 153.9            | 1424.1                                | 2.2                        | P L 105 3 153.9 | T 100A2 | 22.0                                      |
|                                     | 18.8  | 51.2             | 1420.9                                | 1.3                        | P - 112 3 51.2  | T 112B6 | 11.8                                      |
|                                     | 18.7  | 153.9            | 1439.5                                | 2.2                        | P L 105 3 153.9 | T 90LB2 | 22.0                                      |
|                                     | 18.4  | 158.6            | 1405.2                                | 2.5                        | P E 132 158,56  | T 100A2 | 12.0                                      |
|                                     | 18.3  | 158.9            | 1455.3                                | 1.4                        | P L 95 3 158.9  | T 100A2 | 16.0                                      |
|                                     | 18.3  | 53.1             | 1489.8                                | 1.6                        | P - 125 2 53.1  | T 132S6 | 21.0                                      |
|                                     | 18.2  | 78.5             | 1462.4                                | 1.2                        | P - 112 3 78.5  | T 100B4 | 11.8                                      |
|                                     | 18.2  | 160.0            | 1464.7                                | 0.7                        | P L 85 3 160    | T 100A2 | 11.0                                      |
|                                     | 18.2  | 158.6            | 1419.9                                | 2.5                        | P E 132 158,56  | T 90LB2 | 12.0                                      |
|                                     | 18.1  | 158.9            | 1470.6                                | 1.4                        | P L 95 3 158.9  | T 90LB2 | 16.0                                      |
|                                     | 18.1  | 53.1             | 1505.4                                | 1.6                        | P - 125 2 53.1  | T 112B6 | 21.0                                      |
|                                     | 18.0  | 160.0            | 1480.1                                | 0.7                        | P L 85 3 160    | T 90LB2 | 11.0                                      |
|                                     | 17.9  | 79.8             | 1502.8                                | 2.0                        | P L 105 3 79.8  | T 100B4 | 22.0                                      |
|                                     | 17.9  | 54.3             | 1507.9                                | 3.6                        | P L 115 3 54.3  | T 132S6 | 26.0                                      |
|                                     | 17.8  | 163.1            | 1509.6                                | 3.0                        | P L 115 3 163.1 | T 100A2 | 26.0                                      |
|                                     | 17.7  | 54.7             | 1502.6                                | 1.5                        | P L 95 3 54.7   | T 132S6 | 16.0                                      |



3







HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 17.7  | 54.3             | 1523.2                                | 3.6                        | P L 115 3 54.3  | T 112B6   | 26.0                                      |
|                                     | 17.6  | 55.0             | 1526.6                                | 2.1                        | P L 105 3 55  | T 132S6   | 22.0                                      |
|                                     | 17.6  | 81.3             | 1531.1                                | 3.3                        | P L 115 3 81.3  | T 100B4   | 26.0                                      |
|                                     | 17.6  | 54.7             | 1518.3                                | 1.5                        | P L 95 3 54.7   | T 112B6   | 16.0                                      |
|                                     | 17.5  | 55.0             | 1543.2                                | 2.0                        | P L 105 3 55  | T 112B6   | 22.0                                      |
|                                     | 17.4  | 167.0            | 1528.5                                | 1.0                        | P - 112 3 167   | T 100A2   | 11.8                                      |
|                                     | 17.3  | 167.0            | 1544.8                                | 1.0                        | P - 112 3 167   | T 90LB2   | 11.8                                      |
|                                     | 17.2  | 56.3             | 1546.4                                | 0.8                        | P L 85 3 56.3   | T 132S6   | 11.0                                      |
|                                     | 17.2  | 169.2            | 1565.9                                | 2.0                        | P L 105 3 169.2   | T 100A2   | 22.0                                      |
|                                     | 17.1  | 56.3             | 1562.5                                | 0.8                        | P L 85 3 56.3   | T 112B6   | 11.0                                      |
|                                     | 17.0  | 169.2            | 1582.4                                | 2.0                        | P L 105 3 169.2   | T 90LB2   | 22.0                                      |
|                                     | 16.9  | 57.5             | 1613.2                                | 1.5                        | P - 125 2 57.5  | T 132S6   | 21.0                                      |
|                                     | 16.8  | 84.9             | 1582.4                                | 0.8                        | P L 85 3 84.9   | T 100B4   | 11.0                                      |
|                                     | 16.8  | 173.5            | 1537.6                                | 2.3                        | P E 132 173.51  | T 100A2   | 12.0                                      |
|                                     | 16.7  | 57.5             | 1629.7                                | 1.5                        | P - 125 2 57.5  | T 112B6   | 21.0                                      |
|                                     | 16.6  | 86.0             | 1602.1                                | 1.5                        | P L 95 3 86   | T 100B4   | 16.0                                      |
|                                     | 16.6  | 173.5            | 1553.3                                | 2.3                        | P E 132 173.51  | T 90LB2   | 12.0                                      |
|                                     | 16.4  | 58.5             | 1623.5                                | 1.1                        | P - 112 3 58.5  | T 112B6   | 11.8                                      |
|                                     | 16.4  | 87.2             | 1642.1                                | 3.0                        | P L 115 3 87.2  | T 100B4   | 26.0                                      |
|                                     | 16.4  | 87.3             | 1626.9                                | 1.1                        | P - 112 3 87.3  | T 100B4   | 11.8                                      |
|                                     | 16.4  | 87.4             | 1646.0                                | 1.9                        | P L 105 3 87.4  | T 100B4   | 22.0                                      |
|                                     | 16.3  | 59.7             | 1657.2                                | 3.3                        | P L 115 3 59.7  | T 132S6   | 26.0                                      |
|                                     | 16.1  | 59.7             | 1674.7                                | 3.3                        | P L 115 3 59.7  | T 112B6   | 26.0                                      |
|                                     | 15.8  | 90.6             | 1706.7                                | 1.9                        | P L 105 3 90.6  | T 100B4   | 22.0                                      |
|                                     | 15.7  | 185.2            | 1714.1                                | 1.8                        | P L 105 3 185.2   | T 100A2   | 22.0                                      |
|                                     | 15.7  | 185.6            | 1644.4                                | 1.9                        | P E 125 185.62  | T 100A2   | 10.5                                      |
|                                     | 15.6  | 185.2            | 1732.0                                | 1.8                        | P L 105 3 185.2   | T 90LB2   | 22.0                                      |
|                                     | 15.6  | 187.1            | 1713.4                                | 1.2                        | P L 95 3 187.1  | T 100A2   | 16.0                                      |
|                                     | 15.5  | 185.6            | 1661.5                                | 1.9                        | P E 125 185.62  | T 90LB2   | 10.5                                      |
|                                     | 15.5  | 62.7             | 1740.9                                | 1.8                        | P L 105 3 62.7  | T 132S6   | 22.0                                      |
|                                     | 15.4  | 189.1            | 1749.9                                | 3.9                        | P L 125 3 189.1   | T 100A2   | 33.0                                      |
|                                     | 15.4  | 187.1            | 1731.2                                | 1.2                        | P L 95 3 187.1  | T 90LB2   | 16.0                                      |
|                                     | 15.3  | 62.7             | 1759.0                                | 1.8                        | P L 105 3 62.7  | T 112B6   | 22.0                                      |
|                                     | 15.3  | 62.7             | 1740.5                                | 1.1                        | P - 112 3 62.7  | T 112B6   | 11.8                                      |
|                                     | 15.3  | 190.3            | 1761.3                                | 2.6                        | P L 115 3 190.3   | T 100A2   | 26.0                                      |
|                                     | 15.3  | 93.6             | 1743.6                                | 1.0                        | P - 112 3 93.6  | T 100B4   | 11.8                                      |
|                                     | 15.2  | 191.0            | 1691.9                                | 2.1                        | P E 132 190.95  | T 100A2   | 12.0                                      |
|                                     | 15.2  | 191.5            | 1753.0                                | 0.9                        | P - 112 3 191.5   | T 100A2   | 11.8                                      |
|                                     | 15.2  | 63.9             | 1755.2                                | 0.7                        | P L 85 3 63.9   | T 132S6   | 11.0                                      |
|                                     | 15.1  | 64.1             | 1779.9                                | 2.9                        | P L 115 3 64.1  | T 132S6   | 26.0                                      |
|                                     | 15.1  | 191.0            | 1709.8                                | 2.0                        | P E 132 190.95  | T 90LB2   | 12.0                                      |
|                                     | 15.0  | 191.5            | 1771.7                                | 0.8                        | P - 112 3 191.5   | T 90LB2   | 11.8                                      |
|                                     | 15.0  | 63.9             | 1773.5                                | 0.7                        | P L 85 3 63.9   | T 112B6   | 11.0                                      |
|                                     | 15.0  | 64.1             | 1797.9                                | 2.9                        | P L 115 3 64.1  | T 112B6   | 26.0                                      |
|                                     | 14.8  | 65.4             | 1796.6                                | 1.3                        | P L 95 3 65.4   | T 132S6   | 16.0                                      |
|                                     | 14.7  | 65.4             | 1815.2                                | 1.3                        | P L 95 3 65.4   | T 112B6   | 16.0                                      |
|                                     | 14.6  | 199.5            | 1826.1                                | 1.2                        | P L 95 3 199.5  | T 100A2   | 16.0                                      |
|                                     | 14.5  | 98.4             | 1833.9                                | 1.3                        | P L 95 3 98.4   | T 100B4   | 16.0                                      |
|                                     | 14.4  | 199.5            | 1845.3                                | 1.1                        | P L 95 3 199.5  | T 90LB2   | 16.0                                      |
|                                     | 14.2  | 100.4            | 1891.1                                | 1.7                        | P L 105 3 100.4   | T 100B4   | 22.0                                      |
|                                     | 14.2  | 67.4             | 1871.2                                | 1.0                        | P - 112 3 67.4  | T 112B6   | 11.8                                      |
|                                     | 13.8  | 210.3            | 1945.8                                | 2.3                        | P L 115 3 210.3   | T 100A2   | 26.0                                      |
|                                     | 13.8  | 103.9            | 1957.1                                | 2.5                        | P L 115 3 103.9   | T 100B4   | 26.0                                      |
|                                     | 13.7  | 70.7             | 1962.7                                | 1.6                        | P L 105 3 70.7  | T 132S6   | 22.0                                      |
|                                     | 13.7  | 212.6            | 1883.4                                | 1.9                        | P E 132 212.62  | T 100A2   | 12.0                                      |
|                                     | 13.6  | 70.7             | 1983.3                                | 1.6                        | P L 105 3 70.7  | T 112B6   | 22.0                                      |
|                                     | 13.6  | 212.6            | 1902.9                                | 1.8                        | P E 132 212.62  | T 90LB2   | 12.0                                      |
|                                     | 13.5  | 106.2            | 1999.3                                | 3.8                        | P L 125 3 106.2   | T 100B4   | 33.0                                      |
|                                     | 13.4  | 216.6            | 1919.9                                | 2.8                        | P E 150 216.61  | T 100A2   | 16.0                                      |
|                                     | 13.3  | 216.6            | 1938.7                                | 2.8                        | P E 150 216.61  | T 90LB2   | 16.0                                      |
|                                     | 13.2  | 72.6             | 2015.2                                | 0.9                        | P - 112 3 72.6  | T 112B6   | 11.8                                      |
|                                     | 13.2  | 108.4            | 2020.0                                | 0.9                        | P - 112 3 108.4   | T 100B4   | 11.8                                      |
|                                     | 13.2  | 220.9            | 2023.4                                | 0.7                        | P - 112 3 220.9   | T 100A2   | 11.8                                      |
|                                     | 13.2  | 221.3            | 2026.4                                | 1.0                        | P L 95 3 221.3  | T 100A2   | 16.0                                      |
|                                     | 13.1  | 73.8             | 2049.4                                | 2.7                        | P L 115 3 73.8  | T 132S6   | 26.0                                      |
|                                     | 13.1  | 74.2             | 2038.5                                | 1.2                        | P L 95 3 74.2   | T 132S6   | 16.0                                      |
|                                     | 13.0  | 220.9            | 2043.6                                | 0.7                        | P - 112 3 220.9   | T 90LB2   | 11.8                                      |
|                                     | 13.0  | 73.8             | 2070.0                                | 2.6                        | P L 115 3 73.8  | T 112B6   | 26.0                                      |
|                                     | 13.0  | 221.3            | 2048.1                                | 1.0                        | P L 95 3 221.3  | T 90LB2   | 16.0                                      |
|                                     | 12.9  | 110.5            | 2081.1                                | 1.6                        | P L 105 3 110.5   | T 100B4   | 22.0                                      |
|                                     | 12.9  | 74.2             | 2058.9                                | 1.2                        | P L 95 3 74.2   | T 112B6   | 16.0                                      |
|                                     | 12.8  | 75.7             | 2102.4                                | 3.9                        | P L 125 3 75.7  | T 132S6   | 33.0                                      |
|                                     | 12.8  | 227.3            | 2014.3                                | 1.6                        | P E 125 227.28  | T 100A2   | 10.5                                      |
|                                     | 12.7  | 229.4            | 2122.3                                | 2.1                        | P L 115 3 229.4   | T 100A2   | 26.0                                      |
|                                     | 12.7  | 75.7             | 2123.9                                | 3.8                        | P L 125 3 75.7  | T 112B6   | 33.0                                      |
|                                     | 12.7  | 227.3            | 2035.2                                | 1.6                        | P E 125 227.28  | T 90LB2   | 10.5                                      |
|                                     | 12.5  | 114.3            | 2152.7                                | 2.3                        | P L 115 3 114.3   | T 100B4   | 26.0                                      |
|                                     | 12.4  | 234.0            | 2072.6                                | 1.7                        | P E 132 234   | T 100A2   | 12.0                                      |
|                                     | 12.3  | 116.0            | 2160.9                                | 1.1                        | P L 95 3 116  | T 100B4   | 16.0                                      |
|                                     | 12.3  | 234.0            | 2094.6                                | 1.7                        | P E 132 234   | T 90LB2   | 12.0                                      |
|                                     | 12.3  | 116.3            | 2189.6                                | 3.4                        | P L 125 3 116.3   | T 100B4   | 33.0                                      |
|                                     | 12.2  | 78.5             | 2178.8                                | 0.9                        | P - 112 3 78.5  | T 112B6   | 11.8                                      |
|                                     | 12.2  | 117.2            | 2183.9                                | 0.8                        | P - 112 3 117.2   | T 100B4   | 11.8                                      |
|                                     | 12.2  | 79.8             | 2214.9                                | 1.5                        | P L 105 3 79.8  | T 132S6   | 22.0                                      |
|                                     | 12.0  | 79.8             | 2238.7                                | 1.5                        | P L 105 3 79.8  | T 112B6   | 22.0                                      |
|                                     | 12.0  | 81.0             | 2248.0                                | 3.6                        | P L 125 3 81  | T 132S6   | 33.0                                      |
|                                     | 12.0  | 243.2            | 2226.1                                | 0.9                        | P L 95 3 243.2  | T 100A2   | 16.0                                      |
|                                     | 11.9  | 81.3             | 2257.4                                | 2.4                        | P L 115 3 81.3  | T 132S6   | 26.0                                      |
|                                     | 11.9  | 81.0             | 2272.6                                | 3.6                        | P L 125 3 81  | T 112B6   | 33.0                                      |
|                                     | 11.8  | 243.2            | 2250.0                                | 0.9                        | P L 95 3 243.2  | T 90LB2   | 16.0                                      |
|                                     | 11.8  | 81.3             | 2280.4                                | 2.4                        | P L 115 3 81.3  | T 112B6   | 26.0                                      |
|                                     | 11.8  | 121.2            | 2282.4                                | 2.2                        | P L 115 3 121.2   | T 100B4   | 26.0                                      |
|                                     | 11.8  | 246.9            | 2188.8                                | 3.7                        | P E 170 246.94  | T 100A2   | 21.0                                      |
|                                     | 11.7  | 246.9            | 2211.5                                | 3.7                        | P E 170 246.94  | T 90LB2   | 21.0                                      |
|                                     | 11.6  | 251.2            | 2224.8                                | 1.4                        | P E 125 251.17  | T 100A2   | 10.5                                      |



3



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|---------|---|
| 3                                   | 11,5  | 251,2            | 2248,2                                | 1,4                        | P E 125 251,17  | T 90LB2 | 10,5                                      |
|                                     | 11,3  | 126,1            | 2374,9                                | 1,4                        | P L 105 3 126,1 | T 100B4 | 22,0                                      |
|                                     | 11,3  | 86,0             | 2362,2                                | 1,0                        | P L 95 3 86     | T 132S6 | 16,0                                      |
|                                     | 11,2  | 127,9            | 2408,7                                | 3,1                        | P L 125 3 127,9 | T 100B4 | 33,0                                      |
|                                     | 11,2  | 260,3            | 2306,2                                | 1,5                        | P E 132 260,34  | T 100A2 | 12,0                                      |
|                                     | 11,2  | 86,0             | 2387,3                                | 1,0                        | P L 95 3 86     | T 112B6 | 16,0                                      |
|                                     | 11,2  | 128,3            | 2389,6                                | 0,7                        | P - 112 3 128,3 | T 100B4 | 11,8                                      |
|                                     | 11,1  | 87,2             | 2421,8                                | 2,2                        | P L 115 3 87,2  | T 132S6 | 26,0                                      |
|                                     | 11,1  | 87,4             | 2426,4                                | 1,4                        | P L 105 3 87,4  | T 132S6 | 22,0                                      |
|                                     | 11,1  | 260,3            | 2331,3                                | 1,5                        | P E 132 260,34  | T 90LB2 | 12,0                                      |
|                                     | 11,0  | 87,2             | 2446,2                                | 2,2                        | P L 115 3 87,2  | T 112B6 | 26,0                                      |
|                                     | 11,0  | 87,3             | 2421,9                                | 0,8                        | P - 112 3 87,3  | T 112B6 | 11,8                                      |
|                                     | 11,0  | 88,3             | 2450,6                                | 3,3                        | P L 125 3 88,3  | T 132S6 | 33,0                                      |
|                                     | 11,0  | 87,4             | 2452,9                                | 1,4                        | P L 105 3 87,4  | T 112B6 | 22,0                                      |
|                                     | 11,0  | 265,4            | 2352,6                                | 2,3                        | P E 150 265,44  | T 100A2 | 16,0                                      |
|                                     | 10,9  | 266,2            | 2438,1                                | 0,9                        | P L 95 3 266,2  | T 100A2 | 16,0                                      |
|                                     | 10,9  | 88,3             | 2477,6                                | 3,3                        | P L 125 3 88,3  | T 112B6 | 33,0                                      |
|                                     | 10,9  | 267,7            | 2477,5                                | 1,8                        | P L 115 3 267,7 | T 100A2 | 26,0                                      |
|                                     | 10,9  | 265,4            | 2376,4                                | 2,3                        | P E 150 265,44  | T 90LB2 | 16,0                                      |
|                                     | 10,8  | 268,8            | 2381,0                                | 3,4                        | P E 170 268,78  | T 100A2 | 21,0                                      |
|                                     | 10,8  | 266,2            | 2462,9                                | 0,9                        | P L 95 3 266,2  | T 90LB2 | 16,0                                      |
|                                     | 10,7  | 268,8            | 2405,2                                | 3,4                        | P E 170 268,78  | T 90LB2 | 21,0                                      |
|                                     | 10,7  | 90,6             | 2514,3                                | 1,4                        | P L 105 3 90,6  | T 132S6 | 22,0                                      |
|                                     | 10,6  | 273,5            | 2423,3                                | 1,2                        | P E 125 273,48  | T 100A2 | 10,5                                      |
|                                     | 10,6  | 134,4            | 2504,3                                | 1,0                        | P L 95 3 134,4  | T 100B4 | 16,0                                      |
|                                     | 10,6  | 90,6             | 2540,6                                | 1,4                        | P L 105 3 90,6  | T 112B6 | 22,0                                      |
|                                     | 10,5  | 135,8            | 2557,5                                | 2,0                        | P L 115 3 135,8 | T 100B4 | 26,0                                      |
|                                     | 10,5  | 273,5            | 2449,0                                | 1,2                        | P E 125 273,48  | T 90LB2 | 10,5                                      |
|                                     | 10,4  | 280,9            | 2488,9                                | 2,2                        | P E 150 280,94  | T 100A2 | 16,0                                      |
|                                     | 10,3  | 93,6             | 2596,6                                | 0,7                        | P - 112 3 93,6  | T 112B6 | 11,8                                      |
|                                     | 10,3  | 280,9            | 2515,5                                | 2,1                        | P E 150 280,94  | T 90LB2 | 16,0                                      |
|                                     | 10,2  | 139,9            | 2635,0                                | 1,3                        | P L 105 3 139,9 | T 100B4 | 22,0                                      |
|                                     | 10,2  | 286,5            | 2538,1                                | 1,4                        | P E 132 286,51  | T 100A2 | 12,0                                      |
|                                     | 10,1  | 141,7            | 2669,0                                | 2,8                        | P L 125 3 141,7 | T 100B4 | 33,0                                      |
|                                     | 10,1  | 286,5            | 2566,0                                | 1,4                        | P E 132 286,51  | T 90LB2 | 12,0                                      |
|                                     | 10,0  | 290,0            | 2685,0                                | 1,7                        | P L 115 3 290   | T 100A2 | 26,0                                      |
|                                     | 9,9   | 97,6             | 2709,4                                | 3,0                        | P L 125 3 97,6  | T 132S6 | 33,0                                      |
|                                     | 9,9   | 98,4             | 2702,7                                | 0,9                        | P L 95 3 98,4   | T 132S6 | 16,0                                      |
|                                     | 9,8   | 97,6             | 2736,9                                | 3,0                        | P L 125 3 97,6  | T 112B6 | 33,0                                      |
|                                     | 9,8   | 98,4             | 2730,4                                | 0,9                        | P L 95 3 98,4   | T 112B6 | 16,0                                      |
|                                     | 9,7   | 100,4            | 2788,2                                | 1,3                        | P L 105 3 100,4 | T 132S6 | 22,0                                      |
|                                     | 9,7   | 148,2            | 2790,7                                | 1,8                        | P L 115 3 148,2 | T 100B4 | 26,0                                      |
|                                     | 9,6   | 302,0            | 2674,7                                | 3,0                        | P E 170 301,96  | T 100A2 | 21,0                                      |
|                                     | 9,6   | 100,4            | 2817,3                                | 1,3                        | P L 105 3 100,4 | T 112B6 | 22,0                                      |
|                                     | 9,5   | 302,0            | 2702,7                                | 3,0                        | P E 170 301,96  | T 90LB2 | 21,0                                      |
|                                     | 9,5   | 307,7            | 2725,7                                | 1,2                        | P E 125 307,71  | T 100A2 | 10,5                                      |
|                                     | 9,4   | 151,5            | 2731,5                                | 1,3                        | P E 125 151,48  | T 100B4 | 10,5                                      |
|                                     | 9,4   | 310,5            | 2751,8                                | 2,0                        | P E 150 310,47  | T 100A2 | 16,0                                      |
|                                     | 9,4   | 307,7            | 2754,7                                | 1,2                        | P E 125 307,71  | T 90LB2 | 10,5                                      |
|                                     | 9,3   | 103,9            | 2883,3                                | 1,9                        | P L 115 3 103,9 | T 132S6 | 26,0                                      |
| 9,3                                 | 153,9   | 2899,2           | 1,2                                   | P L 105 3 153,9            | T 100B4         | 22,0    |   |
| 9,3                                 | 310,5   | 2778,7           | 1,9                                   | P E 150 310,47             | T 90LB2         | 16,0    |   |
| 9,2                                 | 103,9   | 2914,8           | 1,8                                   | P L 115 3 103,9            | T 112B6         | 26,0    |   |
| 9,2                                 | 155,1   | 2920,9           | 2,6                                   | P L 125 3 155,1            | T 100B4         | 33,0    |   |
| 9,2                                 | 316,6   | 2806,0           | 1,2                                   | P E 132 316,62             | T 100A2         | 12,0    |   |
| 9,1                                 | 106,2   | 2949,8           | 2,8                                   | P L 125 3 106,2            | T 132S6         | 33,0    |   |
| 9,1                                 | 316,6   | 2833,2           | 1,2                                   | P E 132 316,62             | T 90LB2         | 12,0    |   |
| 9,0                                 | 106,2   | 2979,2           | 2,7                                   | P L 125 3 106,2            | T 112B6         | 33,0    |   |
| 9,0                                 | 158,6   | 2858,5           | 1,4                                   | P E 132 158,56             | T 100B4         | 12,0    |   |
| 9,0                                 | 158,9   | 2960,5           | 0,8                                   | P L 95 3 158,9             | T 100B4         | 16,0    |   |
| 9,0                                 | 325,0   | 2881,0           | 1,9                                   | P E 150 325                | T 100A2         | 16,0    |   |
| 8,9                                 | 325,0   | 2910,5           | 1,9                                   | P E 150 325                | T 90LB2         | 16,0    |   |
| 8,8                                 | 329,4   | 2920,3           | 3,9                                   | P E 190 329,43             | T 100A2         | 27,0    |   |
| 8,8                                 | 110,1   | 3057,0           | 3,7                                   | P L 135 3 110,1            | T 132S6         | 40,0    |   |
| 8,8                                 | 330,6   | 2930,2           | 2,8                                   | P E 170 330,6              | T 100A2         | 21,0    |   |
| 8,8                                 | 110,5   | 3067,4           | 1,2                                   | P L 105 3 110,5            | T 132S6         | 22,0    |   |
| 8,8                                 | 163,1   | 3070,6           | 1,6                                   | P L 115 3 163,1            | T 100B4         | 26,0    |   |
| 8,7                                 | 329,4   | 2950,2           | 3,9                                   | P E 190 329,43             | T 90LB2         | 27,0    |   |
| 8,7                                 | 330,6   | 2960,5           | 2,7                                   | P E 170 330,6              | T 90LB2         | 21,0    |   |
| 8,7                                 | 110,5   | 3099,2           | 1,2                                   | P L 105 3 110,5            | T 112B6         | 22,0    |   |
| 8,5                                 | 114,3   | 3171,9           | 1,7                                   | P L 115 3 114,3            | T 132S6         | 26,0    |   |
| 8,5                                 | 169,2   | 3186,6           | 1,1                                   | P L 105 3 169,2            | T 100B4         | 22,0    |   |
| 8,4                                 | 114,3   | 3206,1           | 1,7                                   | P L 115 3 114,3            | T 112B6         | 26,0    |   |
| 8,4                                 | 347,4   | 3077,1           | 3,7                                   | P E 190 347,35             | T 100A2         | 27,0    |   |
| 8,4                                 | 170,7   | 3213,8           | 2,3                                   | P L 125 3 170,7            | T 100B4         | 33,0    |   |
| 8,4                                 | 116,0   | 3187,3           | 0,8                                   | P L 95 3 116               | T 132S6         | 16,0    |   |
| 8,3                                 | 116,3   | 3229,3           | 2,5                                   | P L 125 3 116,3            | T 132S6         | 33,0    |   |
| 8,3                                 | 350,3   | 3103,0           | 0,8                                   | P E 125 350,27             | T 100A2         | 10,5    |   |
| 8,3                                 | 347,4   | 3110,3           | 3,7                                   | P E 190 347,35             | T 90LB2         | 27,0    |   |
| 8,3                                 | 116,0   | 3218,6           | 0,7                                   | P L 95 3 116               | T 112B6         | 16,0    |   |
| 8,3                                 | 352,5   | 3121,3           | 1,1                                   | P E 132 352,46             | T 100A2         | 12,0    |   |
| 8,3                                 | 116,3   | 3264,2           | 2,5                                   | P L 125 3 116,3            | T 112B6         | 33,0    |   |
| 8,2                                 | 173,5   | 3129,1           | 1,3                                   | P E 132 173,51             | T 100B4         | 12,0    |   |
| 8,2                                 | 350,3   | 3136,8           | 0,8                                   | P E 125 350,27             | T 90LB2         | 10,5    |   |
| 8,2                                 | 352,5   | 3156,0           | 1,1                                   | P E 132 352,46             | T 90LB2         | 12,0    |   |
| 8,2                                 | 357,1   | 3163,7           | 3,6                                   | P E 190 357,1              | T 100A2         | 27,0    |   |
| 8,2                                 | 357,1   | 3163,7           | 2,6                                   | P E 170 357,1              | T 100A2         | 21,0    |   |
| 8,1                                 | 359,2   | 3183,3           | 1,7                                   | P E 150 359,17             | T 100A2         | 16,0    |   |
| 8,1                                 | 357,1   | 3199,2           | 3,6                                   | P E 190 357,1              | T 90LB2         | 27,0    |   |
| 8,1                                 | 357,1   | 3199,1           | 2,5                                   | P E 170 357,1              | T 90LB2         | 21,0    |   |
| 8,0                                 | 359,2   | 3214,9           | 1,7                                   | P E 150 359,17             | T 90LB2         | 16,0    |   |
| 8,0                                 | 121,2   | 3366,0           | 1,6                                   | P L 115 3 121,2            | T 132S6         | 26,0    |   |
| 8,0                                 | 121,8   | 3383,2           | 3,4                                   | P L 135 3 121,8            | T 132S6         | 40,0    |   |
| 7,9                                 | 121,2   | 3400,4           | 1,6                                   | P L 115 3 121,2            | T 112B6         | 26,0    |   |
| 7,9                                 | 182,2   | 3284,6           | 3,8                                   | P E 190 182,17             | T 100B4         | 27,0    |   |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
| 3                                   | 7.7   | 185.2            | 3488.4                               | 1.0                        | P L 105 3 185.2   | T 100B4   | 22.0                                      |
|                                     | 7.7   | 377.5            | 3344.3                               | 2.4                        | P E 170 377.45  | T 100A2   | 21.0                                      |
|                                     | 7.7   | 185.6            | 3348.2                               | 1.0                        | P E 125 185.62  | T 100B4   | 10.5                                      |
|                                     | 7.7   | 126.1            | 3502.4                               | 1.1                        | P L 105 3 126.1   | T 132S6   | 22.0                                      |
|                                     | 7.6   | 380.8            | 3375.0                               | 1.6                        | P E 150 380.82  | T 100A2   | 16.0                                      |
|                                     | 7.6   | 377.5            | 3379.2                               | 2.4                        | P E 170 377.45  | T 90LB2   | 21.0                                      |
|                                     | 7.6   | 126.1            | 3539.2                               | 1.0                        | P L 105 3 126.1   | T 112B6   | 22.0                                      |
|                                     | 7.6   | 127.9            | 3552.9                               | 2.3                        | P L 125 3 127.9   | T 132S6   | 33.0                                      |
|                                     | 7.6   | 383.9            | 3401.8                               | 0.9                        | P E 125 383.88  | T 100A2   | 10.5                                      |
|                                     | 7.6   | 189.1            | 3562.4                               | 2.1                        | P L 125 3 189.1   | T 100B4   | 33.0                                      |
|                                     | 7.6   | 380.8            | 3410.5                               | 1.6                        | P E 150 380.82  | T 90LB2   | 16.0                                      |
|                                     | 7.5   | 127.9            | 3586.2                               | 2.3                        | P L 125 3 127.9   | T 112B6   | 33.0                                      |
|                                     | 7.5   | 190.3            | 3585.9                               | 1.4                        | P L 115 3 190.3   | T 100B4   | 26.0                                      |
|                                     | 7.5   | 387.9            | 3438.1                               | 1.0                        | P E 132 387.9   | T 100A2   | 12.0                                      |
|                                     | 7.5   | 383.9            | 3438.4                               | 0.9                        | P E 125 383.88  | T 90LB2   | 10.5                                      |
|                                     | 7.5   | 191.0            | 3442.3                               | 1.2                        | P E 132 190.95  | T 100B4   | 12.0                                      |
|                                     | 7.5   | 388.9            | 3447.2                               | 3.3                        | P E 190 388.88  | T 100A2   | 27.0                                      |
|                                     | 7.4   | 387.9            | 3474.5                               | 1.0                        | P E 132 387.9   | T 90LB2   | 12.0                                      |
|                                     | 7.4   | 388.9            | 3479.9                               | 3.3                        | P E 190 388.88  | T 90LB2   | 27.0                                      |
|                                     | 7.2   | 134.1            | 3724.9                               | 3.1                        | P L 135 3 134.1   | T 132S6   | 40.0                                      |
|                                     | 7.1   | 135.8            | 3771.8                               | 1.4                        | P L 115 3 135.8   | T 132S6   | 26.0                                      |
|                                     | 7.1   | 409.3            | 3626.3                               | 2.2                        | P E 170 409.33  | T 100A2   | 21.0                                      |
|                                     | 7.1   | 135.8            | 3808.8                               | 1.4                        | P L 115 3 135.8   | T 112B6   | 26.0                                      |
|                                     | 7.0   | 409.3            | 3662.4                               | 2.2                        | P E 170 409.33  | T 90LB2   | 21.0                                      |
|                                     | 7.0   | 416.3            | 3689.5                               | 0.9                        | P E 125 416.28  | T 100A2   | 10.5                                      |
|                                     | 6.9   | 139.9            | 3885.9                               | 1.0                        | P L 105 3 139.9   | T 132S6   | 22.0                                      |
|                                     | 6.9   | 140.1            | 3891.9                               | 2.9                        | P L 135 3 140.1   | T 132S6   | 40.0                                      |
|                                     | 6.9   | 416.3            | 3726.7                               | 0.9                        | P E 125 416.28  | T 90LB2   | 10.5                                      |
|                                     | 6.9   | 420.9            | 3731.9                               | 1.4                        | P E 150 420.86  | T 100A2   | 16.0                                      |
|                                     | 6.9   | 139.9            | 3925.8                               | 0.9                        | P L 105 3 139.9   | T 112B6   | 22.0                                      |
|                                     | 6.9   | 141.7            | 3931.5                               | 2.1                        | P L 125 3 141.7   | T 132S6   | 33.0                                      |
|                                     | 6.8   | 425.6            | 3769.7                               | 3.1                        | P E 190 425.55  | T 100A2   | 27.0                                      |
|                                     | 6.8   | 420.9            | 3770.1                               | 1.4                        | P E 150 420.86  | T 90LB2   | 16.0                                      |
|                                     | 6.8   | 210.3            | 3960.9                               | 1.3                        | P L 115 3 210.3   | T 100B4   | 26.0                                      |
|                                     | 6.8   | 210.7            | 3797.5                               | 3.3                        | P E 190 210.74  | T 100B4   | 27.0                                      |
|                                     | 6.8   | 425.6            | 3808.8                               | 3.0                        | P E 190 425.55  | T 90LB2   | 27.0                                      |
|                                     | 6.8   | 141.7            | 3978.1                               | 2.1                        | P L 125 3 141.7   | T 112B6   | 33.0                                      |
|                                     | 6.7   | 212.6            | 3831.4                               | 1.0                        | P E 132 212.62  | T 100B4   | 12.0                                      |
|                                     | 6.7   | 215.0            | 3877.6                               | 2.3                        | P E 170 215.02  | T 100B4   | 21.0                                      |
|                                     | 6.6   | 439.7            | 3894.7                               | 0.9                        | P E 132 439.72  | T 100A2   | 12.0                                      |
|                                     | 6.6   | 216.6            | 3907.1                               | 1.5                        | P E 150 216.61  | T 100B4   | 16.0                                      |
|                                     | 6.6   | 148.2            | 4111.8                               | 1.3                        | P L 115 3 148.2   | T 132S6   | 26.0                                      |
|                                     | 6.6   | 439.7            | 3937.0                               | 0.9                        | P E 132 439.72  | T 90LB2   | 12.0                                      |
|                                     | 6.5   | 445.6            | 3948.7                               | 2.1                        | P E 170 445.6   | T 100A2   | 21.0                                      |
|                                     | 6.5   | 448.2            | 3972.8                               | 2.9                        | P E 190 448.15  | T 100A2   | 27.0                                      |
|                                     | 6.5   | 148.2            | 4155.7                               | 1.3                        | P L 115 3 148.2   | T 112B6   | 26.0                                      |
|                                     | 6.5   | 445.6            | 3991.5                               | 2.0                        | P E 170 445.6   | T 90LB2   | 21.0                                      |
|                                     | 6.4   | 448.2            | 4010.2                               | 2.9                        | P E 190 448.15  | T 90LB2   | 27.0                                      |
|                                     | 6.4   | 151.5            | 4029.2                               | 0.9                        | P E 125 151.48  | T 132S6   | 10.5                                      |
|                                     | 6.4   | 458.3            | 4060.2                               | 1.3                        | P E 150 458.31  | T 100A2   | 16.0                                      |
| 6.3                                 | 151.5   | 4066.6           | 0.9                                  | P E 125 151.48             | T 112B6   | 10.5  |   |
| 6.3                                 | 153.3   | 4254.4           | 2.7                                  | P L 135 3 153.3            | T 132S6   | 40.0  |   |
| 6.3                                 | 153.9   | 4274.2           | 0.9                                  | P L 105 3 153.9            | T 132S6   | 22.0  |   |
| 6.3                                 | 461.9   | 4092.1           | 0.8                                  | P E 125 461.93             | T 100A2   | 10.5  |   |
| 6.3                                 | 227.3   | 4100.0           | 0.9                                  | P E 125 227.28             | T 100B4   | 10.5  |   |
| 6.3                                 | 458.3   | 4105.4           | 1.3                                  | P E 150 458.31             | T 90LB2   | 16.0  |   |
| 6.3                                 | 155.1   | 4309.0           | 1.9                                  | P L 125 3 155.1            | T 132S6   | 33.0  |   |
| 6.2                                 | 153.9   | 4315.1           | 0.9                                  | P L 105 3 153.9            | T 112B6   | 22.0  |   |
| 6.2                                 | 229.4   | 4322.8           | 1.2                                  | P L 115 3 229.4            | T 100B4   | 26.0  |   |
| 6.2                                 | 461.9   | 4139.7           | 0.8                                  | P E 125 461.93             | T 90LB2   | 10.5  |   |
| 6.2                                 | 155.1   | 4351.1           | 1.9                                  | P L 125 3 155.1            | T 112B6   | 33.0  |   |
| 6.1                                 | 158.6   | 4213.5           | 0.9                                  | P E 132 158.56             | T 132S6   | 12.0  |   |
| 6.1                                 | 234.0   | 4219.4           | 0.9                                  | P E 132 234                | T 100B4   | 12.0  |   |
| 6.1                                 | 158.6   | 4261.4           | 0.9                                  | P E 132 158.56             | T 112B6   | 12.0  |   |
| 6.0                                 | 483.2   | 4283.1           | 2.7                                  | P E 190 483.23             | T 100A2   | 27.0  |   |
| 6.0                                 | 483.2   | 4283.4           | 1.9                                  | P E 170 483.23             | T 100A2   | 21.0  |   |
| 6.0                                 | 483.9   | 4291.0           | 0.8                                  | P E 132 483.92             | T 100A2   | 12.0  |   |
| 6.0                                 | 483.2   | 4326.6           | 2.7                                  | P E 190 483.23             | T 90LB2   | 27.0  |   |
| 6.0                                 | 483.2   | 4326.2           | 1.9                                  | P E 170 483.23             | T 90LB2   | 21.0  |   |
| 6.0                                 | 163.1   | 4526.6           | 1.2                                  | P L 115 3 163.1            | T 132S6   | 26.0  |   |
| 6.0                                 | 483.9   | 4333.5           | 0.8                                  | P E 132 483.92             | T 90LB2   | 12.0  |   |
| 5.9                                 | 163.1   | 4572.2           | 1.2                                  | P L 115 3 163.1            | T 112B6   | 26.0  |   |
| 5.8                                 | 501.5   | 4445.7           | 1.2                                  | P E 150 501.52             | T 100A2   | 16.0  |   |
| 5.8                                 | 246.9   | 4453.2           | 2.8                                  | P E 190 246.94             | T 100B4   | 27.0  |   |
| 5.8                                 | 246.9   | 4453.2           | 2.0                                  | P E 170 246.94             | T 100B4   | 21.0  |   |
| 5.8                                 | 168.7   | 4683.7           | 2.4                                  | P L 135 3 168.7            | T 132S6   | 40.0  |   |
| 5.7                                 | 501.5   | 4492.5           | 1.2                                  | P E 150 501.52             | T 90LB2   | 16.0  |   |
| 5.7                                 | 169.2   | 4699.1           | 0.8                                  | P L 105 3 169.2            | T 132S6   | 22.0  |   |
| 5.7                                 | 251.2   | 4531.7           | 0.8                                  | P E 125 251.17             | T 100B4   | 10.5  |   |
| 5.7                                 | 170.7   | 4741.8           | 1.7                                  | P L 125 3 170.7            | T 132S6   | 33.0  |   |
| 5.7                                 | 169.2   | 4749.9           | 0.8                                  | P L 105 3 169.2            | T 112B6   | 22.0  |   |
| 5.6                                 | 170.7   | 4791.9           | 1.7                                  | P L 125 3 170.7            | T 112B6   | 33.0  |   |
| 5.6                                 | 520.0   | 4604.9           | 1.8                                  | P E 170 520.04             | T 100A2   | 21.0  |   |
| 5.6                                 | 173.5   | 4611.8           | 0.9                                  | P E 132 173.51             | T 132S6   | 12.0  |   |
| 5.6                                 | 524.8   | 4646.0           | 0.8                                  | P E 132 524.76             | T 100A2   | 12.0  |   |
| 5.5                                 | 520.0   | 4654.3           | 1.7                                  | P E 170 520.04             | T 90LB2   | 21.0  |   |
| 5.5                                 | 526.2   | 4662.8           | 2.5                                  | P E 190 526.24             | T 100A2   | 27.0  |   |
| 5.5                                 | 173.5   | 4662.0           | 0.9                                  | P E 132 173.51             | T 112B6   | 12.0  |   |
| 5.5                                 | 260.3   | 4696.7           | 0.9                                  | P E 132 260.34             | T 100B4   | 12.0  |   |
| 5.5                                 | 524.8   | 4695.9           | 0.7                                  | P E 132 524.76             | T 90LB2   | 12.0  |   |
| 5.5                                 | 526.2   | 4713.8           | 2.4                                  | P E 190 526.24             | T 90LB2   | 27.0  |   |
| 5.4                                 | 265.4   | 4783.4           | 1.3                                  | P E 150 265.44             | T 100B4   | 16.0  |   |
| 5.4                                 | 543.9   | 4818.7           | 0.7                                  | P E 132 543.89             | T 100A2   | 12.0  |   |
| 5.3                                 | 267.7   | 5043.7           | 1.0                                  | P L 115 3 267.7            | T 100B4   | 26.0  |   |
| 5.3                                 | 268.9   | 4846.8           | 2.6                                  | P E 190 268.91             | T 100B4   | 27.0  |   |

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------|----------------------------|-----------------|---------|---|
|                                     | 5.3   | 182.2            | 4846.8                    | 2.6                        | P E 190 182,17  | T 132S6 | 27.0                                      |
|                                     | 5.3   | 268.8            | 4846.5                    | 1.9                        | P E 170 268,78  | T 100B4 | 21.0                                      |
|                                     | 5.3   | 549.0            | 4864.9                    | 1.1                        | P E 150 548,95  | T 100A2 | 16.0                                      |
|                                     | 5.3   | 543.9            | 4865.6                    | 0.7                        | P E 132 543,89  | T 90LB2 | 12.0                                      |
|                                     | 5.3   | 183.7            | 5100.2                    | 2.2                        | P L 135 3 183,7 | T 132S6 | 40.0                                      |
|                                     | 5.3   | 182.2            | 4893.0                    | 2.6                        | P E 190 182,17  | T 112B6 | 27.0                                      |
|                                     | 5.3   | 549.0            | 4912.1                    | 1.1                        | P E 150 548,95  | T 90LB2 | 16.0                                      |
|                                     | 5.2   | 185.2            | 5138.4                    | 0.7                        | P L 105 3 185,2 | T 132S6 | 22.0                                      |
|                                     | 5.2   | 185.6            | 4929.6                    | 0.7                        | P E 125 185,62  | T 132S6 | 10.5                                      |
|                                     | 5.2   | 559.2            | 4958.2                    | 1.6                        | P E 170 559,19  | T 100A2 | 21.0                                      |
|                                     | 5.2   | 185.2            | 5199.2                    | 0.7                        | P L 105 3 185,2 | T 112B6 | 22.0                                      |
|                                     | 5.2   | 185.6            | 4988.1                    | 0.7                        | P E 125 185,62  | T 112B6 | 10.5                                      |
|                                     | 5.2   | 559.2            | 5007.2                    | 1.6                        | P E 170 559,19  | T 90LB2 | 21.0                                      |
|                                     | 5.1   | 189.1            | 5249.8                    | 1.6                        | P L 125 3 189,1 | T 132S6 | 33.0                                      |
|                                     | 5.1   | 190.3            | 5280.3                    | 1.0                        | P L 115 3 190,3 | T 132S6 | 26.0                                      |
|                                     | 5.1   | 280.9            | 5066.1                    | 1.2                        | P E 150 280,94  | T 100B4 | 16.0                                      |
|                                     | 5.1   | 189.1            | 5301.0                    | 1.5                        | P L 125 3 189,1 | T 112B6 | 33.0                                      |
|                                     | 5.1   | 191.0            | 5076.1                    | 0.8                        | P E 132 190,95  | T 132S6 | 12.0                                      |
|                                     | 5.1   | 575.9            | 5105.8                    | 2.3                        | P E 190 575,86  | T 100A2 | 27.0                                      |
|                                     | 5.0   | 190.3            | 5344.2                    | 1.0                        | P L 115 3 190,3 | T 112B6 | 26.0                                      |
|                                     | 5.0   | 191.0            | 5126.0                    | 0.8                        | P E 132 190,95  | T 112B6 | 12.0                                      |
|                                     | 5.0   | 575.9            | 5157.0                    | 2.2                        | P E 190 575,86  | T 90LB2 | 27.0                                      |
|                                     | 5.0   | 286.5            | 5168.0                    | 0.8                        | P E 132 286,51  | T 100B4 | 12.0                                      |
|                                     | 4.9   | 290.0            | 5462.5                    | 0.9                        | P L 115 3 290   | T 100B4 | 26.0                                      |
|                                     | 4.9   | 291.5            | 5251.4                    | 2.4                        | P E 190 291,48  | T 100B4 | 27.0                                      |
|                                     | 4.9   | 595.3            | 5273.4                    | 1.0                        | P E 150 595,28  | T 100A2 | 16.0                                      |
|                                     | 4.8   | 595.3            | 5327.2                    | 1.0                        | P E 150 595,28  | T 90LB2 | 16.0                                      |
|                                     | 4.8   | 201.0            | 5576.2                    | 2.1                        | P L 135 3 201   | T 132S6 | 40.0                                      |
|                                     | 4.8   | 606.4            | 5372.2                    | 2.1                        | P E 190 606,41  | T 100A2 | 27.0                                      |
|                                     | 4.8   | 606.4            | 5371.4                    | 1.5                        | P E 170 606,41  | T 100A2 | 21.0                                      |
|                                     | 4.8   | 606.4            | 5428.8                    | 2.1                        | P E 190 606,41  | T 90LB2 | 27.0                                      |
|                                     | 4.8   | 606.4            | 5429.0                    | 1.5                        | P E 170 606,41  | T 90LB2 | 21.0                                      |
|                                     | 4.7   | 302.0            | 5440.3                    | 1.7                        | P E 170 301,96  | T 100B4 | 21.0                                      |
|                                     | 4.7   | 302.5            | 5451.4                    | 2.3                        | P E 190 302,51  | T 100B4 | 27.0                                      |
|                                     | 4.6   | 310.5            | 5593.5                    | 1.1                        | P E 150 310,47  | T 100B4 | 16.0                                      |
|                                     | 4.6   | 210.3            | 5841.2                    | 0.9                        | P L 115 3 210,3 | T 132S6 | 26.0                                      |
|                                     | 4.6   | 210.7            | 5605.4                    | 2.2                        | P E 190 210,74  | T 132S6 | 27.0                                      |
|                                     | 4.6   | 210.7            | 5654.4                    | 2.2                        | P E 190 210,74  | T 112B6 | 27.0                                      |
|                                     | 4.6   | 210.3            | 5906.7                    | 0.9                        | P L 115 3 210,3 | T 112B6 | 26.0                                      |
|                                     | 4.6   | 212.6            | 5655.0                    | 0.7                        | P E 132 212,62  | T 132S6 | 12.0                                      |
|                                     | 4.5   | 643.2            | 5704.2                    | 0.9                        | P E 150 643,23  | T 100A2 | 16.0                                      |
|                                     | 4.5   | 212.6            | 5703.4                    | 0.7                        | P E 132 212,62  | T 112B6 | 12.0                                      |
|                                     | 4.5   | 316.6            | 5703.4                    | 0.7                        | P E 132 316,62  | T 100B4 | 12.0                                      |
|                                     | 4.5   | 317.4            | 5717.3                    | 2.2                        | P E 190 317,42  | T 100B4 | 27.0                                      |
|                                     | 4.5   | 215.0            | 5716.7                    | 1.6                        | P E 170 215,02  | T 132S6 | 21.0                                      |
|                                     | 4.5   | 649.0            | 5755.6                    | 1.4                        | P E 170 649     | T 100A2 | 21.0                                      |
|                                     | 4.5   | 216.6            | 5756.3                    | 1.0                        | P E 150 216,61  | T 132S6 | 16.0                                      |
|                                     | 4.5   | 643.2            | 5754.9                    | 0.9                        | P E 150 643,23  | T 90LB2 | 16.0                                      |
|                                     | 4.5   | 215.0            | 5781.6                    | 1.6                        | P E 170 215,02  | T 112B6 | 21.0                                      |
|                                     | 4.4   | 649.0            | 5807.8                    | 1.4                        | P E 170 649     | T 90LB2 | 21.0                                      |
|                                     | 4.4   | 216.6            | 5821.5                    | 1.0                        | P E 150 216,61  | T 112B6 | 16.0                                      |
|                                     | 4.4   | 660.4            | 5846.5                    | 2.0                        | P E 190 660,37  | T 100A2 | 27.0                                      |
|                                     | 4.4   | 325.0            | 5859.4                    | 1.0                        | P E 150 325     | T 100B4 | 16.0                                      |
|                                     | 4.4   | 221.2            | 6134.7                    | 1.9                        | P L 135 3 221,2 | T 132S6 | 40.0                                      |
|                                     | 4.4   | 660.4            | 5913.6                    | 1.9                        | P E 190 660,37  | T 90LB2 | 27.0                                      |
|                                     | 4.3   | 329.4            | 5941.1                    | 2.1                        | P E 190 329,43  | T 100B4 | 27.0                                      |
|                                     | 4.3   | 330.6            | 5955.0                    | 1.5                        | P E 170 330,6   | T 100B4 | 21.0                                      |
|                                     | 4.2   | 229.4            | 6367.3                    | 0.9                        | P L 115 3 229,4 | T 132S6 | 26.0                                      |
|                                     | 4.2   | 229.4            | 6442.6                    | 0.8                        | P L 115 3 229,4 | T 112B6 | 26.0                                      |
|                                     | 4.2   | 697.9            | 6183.2                    | 1.3                        | P E 170 697,85  | T 100A2 | 21.0                                      |
|                                     | 4.2   | 697.5            | 6183.2                    | 0.9                        | P E 150 697,51  | T 100A2 | 16.0                                      |
|                                     | 4.1   | 704.9            | 6243.2                    | 1.8                        | P E 190 704,94  | T 100A2 | 27.0                                      |
|                                     | 4.1   | 697.9            | 6243.6                    | 1.3                        | P E 170 697,85  | T 90LB2 | 21.0                                      |
|                                     | 4.1   | 697.5            | 6242.8                    | 0.9                        | P E 150 697,51  | T 90LB2 | 16.0                                      |
|                                     | 4.1   | 347.4            | 6258.3                    | 2.0                        | P E 190 347,35  | T 100B4 | 27.0                                      |
|                                     | 4.1   | 704.9            | 6304.8                    | 1.8                        | P E 190 704,94  | T 90LB2 | 27.0                                      |
|                                     | 4.0   | 357.1            | 6446.6                    | 1.9                        | P E 190 357,1   | T 100B4 | 27.0                                      |
|                                     | 4.0   |                  |                           |                            |                 | T 100B4 | 21.0                                      |
|                                     | 4.0   |                  |                           |                            |                 | T 100B4 | 16.0                                      |
|                                     | 4.0   |                  |                           |                            |                 | T 132S6 | 40.0                                      |
|                                     | 3.9   |                  |                           |                            |                 | T 132S6 | 27.0                                      |
|                                     | 3.9   | 246.9            | 6561.4                    | 1.4                        | P E 170 246,94  | T 132S6 | 21.0                                      |
|                                     | 3.9   | 743.0            | 6577.3                    | 0.8                        | P E 150 743,02  | T 100A2 | 16.0                                      |
|                                     | 3.9   | 246.9            | 6629.0                    | 1.9                        | P E 190 246,94  | T 112B6 | 27.0                                      |
|                                     | 3.9   | 246.9            | 6629.0                    | 1.4                        | P E 170 246,94  | T 112B6 | 21.0                                      |
|                                     | 3.9   | 743.0            | 6644.8                    | 0.8                        | P E 150 743,02  | T 90LB2 | 16.0                                      |
|                                     | 3.9   | 756.8            | 6697.7                    | 1.7                        | P E 190 756,78  | T 100A2 | 27.0                                      |
|                                     | 3.9   | 756.8            | 6697.9                    | 1.2                        | P E 170 756,78  | T 100A2 | 21.0                                      |
|                                     | 3.8   | 756.8            | 6767.4                    | 1.7                        | P E 190 756,78  | T 90LB2 | 27.0                                      |
|                                     | 3.8   | 756.8            | 6766.9                    | 1.2                        | P E 170 756,78  | T 90LB2 | 21.0                                      |
|                                     | 3.8   | 766.5            | 6786.8                    | 0.8                        | P E 150 766,52  | T 100A2 | 16.0                                      |
|                                     | 3.8   | 377.5            | 6802.7                    | 1.3                        | P E 170 377,45  | T 100B4 | 21.0                                      |
|                                     | 3.8   | 380.8            | 6857.1                    | 0.9                        | P E 150 380,82  | T 100B4 | 16.0                                      |
|                                     | 3.8   | 766.5            | 6858.6                    | 0.8                        | P E 150 766,52  | T 90LB2 | 16.0                                      |
|                                     | 3.7   | 388.9            | 7006.7                    | 1.8                        | P E 190 388,88  | T 100B4 | 27.0                                      |
|                                     | 3.7   | 265.4            | 7064.4                    | 0.8                        | P E 150 265,44  | T 132S6 | 16.0                                      |
|                                     | 3.6   | 265.4            | 7123.1                    | 0.8                        | P E 150 265,44  | T 112B6 | 16.0                                      |
|                                     | 3.6   | 267.7            | 7440.5                    | 0.7                        | P L 115 3 267,7 | T 132S6 | 26.0                                      |
|                                     | 3.6   | 268.9            | 7142.9                    | 1.8                        | P E 190 268,91  | T 132S6 | 27.0                                      |
|                                     | 3.6   | 268.8            | 7142.9                    | 1.3                        | P E 170 268,78  | T 132S6 | 21.0                                      |
|                                     | 3.6   | 811.3            | 7183.0                    | 1.1                        | P E 170 811,25  | T 100A2 | 21.0                                      |
|                                     | 3.6   | 267.7            | 7502.1                    | 0.7                        | P L 115 3 267,7 | T 112B6 | 26.0                                      |
|                                     | 3.6   | 268.9            | 7222.7                    | 1.7                        | P E 190 268,91  | T 112B6 | 27.0                                      |
|                                     | 3.6   | 268.8            | 7223.1                    | 1.2                        | P E 170 268,78  | T 112B6 | 21.0                                      |
|                                     | 3.6   | 811.3            | 7262.4                    | 1.1                        | P E 170 811,25  | T 90LB2 | 21.0                                      |

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تهران، کیلوتر ۳۱ بزرگراه لشکری (جاده مخصوص کرج)

گروهی پالایشگاه نفت پارس، پلاک ۱۳





HIGH TECH line Motion



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|--|--|---|
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|--|--|---|

|     |        |         |     |                 |         |      |
|-----|--------|---------|-----|-----------------|---------|------|
| 3.5 | 824.1  | 7304.7  | 1.6 | P E 190 824,12  | T 100A2 | 27.0 |
| 3.5 | 831.2  | 7367.0  | 0.7 | P E 150 831,21  | T 100A2 | 16.0 |
| 3.5 | 824.1  | 7387.6  | 1.6 | P E 190 824,12  | T 90LB2 | 27.0 |
| 3.5 | 409.3  | 7389.2  | 1.2 | P E 170 409,33  | T 100B4 | 21.0 |
| 3.5 | 831.2  | 7451.7  | 0.7 | P E 150 831,21  | T 90LB2 | 16.0 |
| 3.5 | 280.9  | 7475.1  | 0.8 | P E 150 280,94  | T 132S6 | 16.0 |
| 3.4 | 280.9  | 7540.8  | 0.8 | P E 150 280,94  | T 112B6 | 16.0 |
| 3.4 | 420.9  | 7585.3  | 0.8 | P E 150 420,86  | T 100B4 | 16.0 |
| 3.4 | 425.6  | 7673.4  | 1.6 | P E 190 425,55  | T 100B4 | 27.0 |
| 3.3 | 291.5  | 7743.1  | 1.6 | P E 190 291,48  | T 132S6 | 27.0 |
| 3.3 | 879.8  | 7789.6  | 1.5 | P E 190 879,75  | T 100A2 | 27.0 |
| 3.3 | 879.8  | 7791.0  | 1.0 | P E 170 879,75  | T 100A2 | 21.0 |
| 3.3 | 291.5  | 7837.0  | 1.6 | P E 190 291,48  | T 112B6 | 27.0 |
| 3.3 | 879.8  | 7885.7  | 1.5 | P E 190 879,75  | T 90LB2 | 27.0 |
| 3.3 | 879.8  | 7884.5  | 1.0 | P E 170 879,75  | T 90LB2 | 21.0 |
| 3.2 | 302.5  | 8033.4  | 1.6 | P E 190 302,51  | T 132S6 | 27.0 |
| 3.2 | 302.0  | 8033.3  | 1.1 | P E 170 301,96  | T 132S6 | 21.0 |
| 3.2 | 445.6  | 8033.3  | 1.1 | P E 170 445,6   | T 100B4 | 21.0 |
| 3.2 | 448.2  | 8083.6  | 1.5 | P E 190 448,15  | T 100B4 | 27.0 |
| 3.2 | 302.0  | 8108.1  | 1.1 | P E 170 301,96  | T 112B6 | 21.0 |
| 3.2 | 302.5  | 8134.5  | 1.5 | P E 190 302,51  | T 112B6 | 27.0 |
| 3.1 | 458.3  | 8264.5  | 0.7 | P E 150 458,31  | T 100B4 | 16.0 |
| 3.1 | 310.5  | 8264.5  | 0.7 | P E 150 310,47  | T 132S6 | 16.0 |
| 3.1 | 310.5  | 8344.9  | 0.7 | P E 150 310,47  | T 112B6 | 16.0 |
| 3.1 | 317.4  | 8427.0  | 1.5 | P E 190 317,42  | T 132S6 | 27.0 |
| 3.0 | 958.0  | 8482.9  | 1.4 | P E 190 958,04  | T 100A2 | 27.0 |
| 3.0 | 317.4  | 8538.3  | 1.5 | P E 190 317,42  | T 112B6 | 27.0 |
| 3.0 | 958.0  | 8567.2  | 1.3 | P E 190 958,04  | T 90LB2 | 27.0 |
| 3.0 | 981.4  | 8681.7  | 0.9 | P E 170 981,35  | T 100A2 | 21.0 |
| 3.0 | 483.2  | 8710.8  | 1.4 | P E 190 483,23  | T 100B4 | 27.0 |
| 3.0 | 483.2  | 8712.5  | 1.0 | P E 170 483,23  | T 100B4 | 21.0 |
| 2.9 | 329.4  | 8769.9  | 1.4 | P E 190 329,43  | T 132S6 | 27.0 |
| 2.9 | 330.6  | 8800.5  | 1.0 | P E 170 330,6   | T 132S6 | 21.0 |
| 2.9 | 981.4  | 8801.2  | 0.9 | P E 170 981,35  | T 90LB2 | 21.0 |
| 2.9 | 329.4  | 8861.1  | 1.4 | P E 190 329,43  | T 112B6 | 27.0 |
| 2.9 | 330.6  | 8890.4  | 1.0 | P E 170 330,6   | T 112B6 | 21.0 |
| 2.8 | 347.4  | 9241.0  | 1.4 | P E 190 347,35  | T 132S6 | 27.0 |
| 2.8 | 347.4  | 9342.3  | 1.3 | P E 190 347,35  | T 112B6 | 27.0 |
| 2.8 | 520.0  | 9375.0  | 1.0 | P E 170 520,04  | T 100B4 | 21.0 |
| 2.7 | 1064.2 | 9444.3  | 1.2 | P E 190 1064,22 | T 100A2 | 27.0 |
| 2.7 | 1064.2 | 9444.2  | 0.9 | P E 170 1064,22 | T 100A2 | 21.0 |
| 2.7 | 357.1  | 9479.3  | 1.3 | P E 190 357,1   | T 132S6 | 27.0 |
| 2.7 | 526.2  | 9479.3  | 1.3 | P E 190 526,24  | T 100B4 | 27.0 |
| 2.7 | 357.1  | 9480.3  | 0.9 | P E 170 357,1   | T 132S6 | 21.0 |
| 2.7 | 1064.2 | 9514.6  | 1.2 | P E 190 1064,22 | T 90LB2 | 27.0 |
| 2.7 | 1064.2 | 9514.5  | 0.9 | P E 170 1064,22 | T 90LB2 | 21.0 |
| 2.7 | 357.1  | 9585.9  | 1.3 | P E 190 357,1   | T 112B6 | 27.0 |
| 2.7 | 357.1  | 9584.7  | 0.9 | P E 170 357,1   | T 112B6 | 21.0 |
| 2.6 | 377.5  | 10033.4 | 0.9 | P E 170 377,45  | T 132S6 | 21.0 |
| 2.6 | 559.2  | 10070.9 | 0.9 | P E 170 559,19  | T 100B4 | 21.0 |
| 2.5 | 377.5  | 10150.4 | 0.9 | P E 170 377,45  | T 112B6 | 21.0 |
| 2.5 | 1158.9 | 10274.0 | 1.1 | P E 190 1158,92 | T 100A2 | 27.0 |
| 2.5 | 1158.9 | 10274.8 | 0.8 | P E 170 1158,92 | T 100A2 | 21.0 |
| 2.5 | 388.9  | 10356.3 | 1.2 | P E 190 388,88  | T 132S6 | 27.0 |
| 2.5 | 1158.9 | 10354.1 | 1.1 | P E 190 1158,92 | T 90LB2 | 27.0 |
| 2.5 | 1158.9 | 10353.6 | 0.8 | P E 170 1158,92 | T 90LB2 | 21.0 |
| 2.5 | 575.9  | 10396.5 | 1.2 | P E 190 575,86  | T 100B4 | 27.0 |
| 2.5 | 388.9  | 10439.9 | 1.2 | P E 190 388,88  | T 112B6 | 27.0 |
| 2.4 | 409.3  | 10878.3 | 0.8 | P E 170 409,33  | T 132S6 | 21.0 |
| 2.4 | 606.4  | 10926.6 | 1.1 | P E 190 606,41  | T 100B4 | 27.0 |
| 2.4 | 606.4  | 10926.8 | 0.8 | P E 170 606,41  | T 100B4 | 21.0 |
| 2.4 | 409.3  | 10971.1 | 0.8 | P E 170 409,33  | T 112B6 | 21.0 |
| 2.3 | 1268.2 | 11259.8 | 1.0 | P E 190 1268,2  | T 100A2 | 27.0 |
| 2.3 | 1268.2 | 11260.4 | 0.7 | P E 170 1268,2  | T 100A2 | 21.0 |
| 2.3 | 425.6  | 11308.8 | 1.1 | P E 190 425,55  | T 132S6 | 27.0 |
| 2.3 | 1268.2 | 11359.9 | 1.0 | P E 190 1268,2  | T 90LB2 | 27.0 |
| 2.3 | 1268.2 | 11360.4 | 0.7 | P E 170 1268,2  | T 90LB2 | 21.0 |
| 2.3 | 425.6  | 11408.6 | 1.1 | P E 190 425,55  | T 112B6 | 27.0 |
| 2.2 | 649.0  | 11718.8 | 0.8 | P E 170 649     | T 100B4 | 21.0 |
| 2.2 | 445.6  | 11826.5 | 0.8 | P E 170 445,6   | T 132S6 | 21.0 |
| 2.2 | 660.4  | 11882.1 | 1.1 | P E 190 660,37  | T 100B4 | 27.0 |
| 2.2 | 448.2  | 11938.9 | 1.0 | P E 190 448,15  | T 132S6 | 27.0 |
| 2.2 | 445.6  | 11994.7 | 0.8 | P E 170 445,6   | T 112B6 | 21.0 |
| 2.1 | 448.2  | 12050.1 | 1.0 | P E 190 448,15  | T 112B6 | 27.0 |
| 2.1 | 1395.7 | 12396.7 | 0.9 | P E 190 1395,69 | T 100A2 | 27.0 |
| 2.1 | 1395.7 | 12518.1 | 0.9 | P E 190 1395,69 | T 90LB2 | 27.0 |
| 2.1 | 697.9  | 12575.7 | 0.7 | P E 170 697,85  | T 100B4 | 21.0 |
| 2.0 | 704.9  | 12703.3 | 1.0 | P E 190 704,94  | T 100B4 | 27.0 |
| 2.0 | 483.2  | 12829.3 | 1.0 | P E 190 483,23  | T 132S6 | 27.0 |
| 2.0 | 483.2  | 12826.6 | 0.7 | P E 170 483,23  | T 132S6 | 21.0 |
| 2.0 | 483.2  | 12957.8 | 1.0 | P E 190 483,23  | T 112B6 | 27.0 |
| 1.9 | 756.8  | 13641.3 | 0.9 | P E 190 756,78  | T 100B4 | 27.0 |
| 1.9 | 1546.4 | 13717.7 | 0.8 | P E 190 1546,36 | T 100A2 | 27.0 |
| 1.9 | 1546.4 | 13861.0 | 0.8 | P E 190 1546,36 | T 90LB2 | 27.0 |
| 1.8 | 526.2  | 14013.5 | 0.9 | P E 190 526,24  | T 132S6 | 27.0 |
| 1.8 | 526.2  | 14167.0 | 0.9 | P E 190 526,24  | T 112B6 | 27.0 |
| 1.7 | 824.1  | 14816.3 | 0.8 | P E 190 824,12  | T 100B4 | 27.0 |
| 1.7 | 575.9  | 15350.0 | 0.8 | P E 190 575,86  | T 132S6 | 27.0 |
| 1.7 | 575.9  | 15438.5 | 0.8 | P E 190 575,86  | T 112B6 | 27.0 |
| 1.6 | 879.8  | 15816.1 | 0.8 | P E 190 879,75  | T 100B4 | 27.0 |
| 1.6 | 606.4  | 16115.2 | 0.8 | P E 190 606,41  | T 132S6 | 27.0 |
| 1.6 | 606.4  | 16318.5 | 0.8 | P E 190 606,41  | T 112B6 | 27.0 |
| 1.5 | 958.0  | 17305.0 | 0.7 | P E 190 958,04  | T 100B4 | 27.0 |
| 1.5 | 660.4  | 17539.8 | 0.7 | P E 190 660,37  | T 132S6 | 27.0 |
| 1.5 | 660.4  | 17780.9 | 0.7 | P E 190 660,37  | T 112B6 | 27.0 |

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E116

CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|----------|---|
|                                     | 976.7   | 3.0              | 37.2                                 | 2.1                        | P - 63 2 3     | T 112A2  | 5.6                                       |
|                                     | 973.3   | 3.0              | 37.3                                 | 2.1                        | P - 63 2 3     | T 100B2  | 5.6                                       |
|                                     | 751.3   | 3.9              | 48.3                                 | 1.9                        | P - 63 2 3.9   | T 112A2  | 5.6                                       |
|                                     | 748.7   | 3.9              | 48.5                                 | 1.9                        | P - 63 2 3.9   | T 100B2  | 5.6                                       |
|                                     | 681.4   | 4.3              | 53.3                                 | 1.8                        | P - 63 2 4.3   | T 112A2  | 5.6                                       |
|                                     | 679.1   | 4.3              | 53.4                                 | 1.8                        | P - 63 2 4.3   | T 100B2  | 5.6                                       |
|                                     | 586.0   | 5.0              | 61.9                                 | 1.8                        | P - 63 2 5     | T 112A2  | 5.6                                       |
|                                     | 584.0   | 5.0              | 62.1                                 | 1.8                        | P - 63 2 5     | T 100B2  | 5.6                                       |
|                                     | 553.9   | 2.6              | 65.5                                 | 2.0                        | P - 71 2 2.6   | T 112A4  | 7.5                                       |
|                                     | 552.8   | 5.3              | 65.6                                 | 2.7                        | P - 71 2 5.3   | T 112A2  | 7.5                                       |
|                                     | 550.9   | 5.3              | 65.9                                 | 2.7                        | P - 71 2 5.3   | T 100B2  | 7.5                                       |
|                                     | 550.0   | 2.6              | 66.0                                 | 2.0                        | P - 71 2 2.6   | T 100BL4 | 7.5                                       |
|                                     | 523.2   | 5.6              | 69.4                                 | 1.8                        | P - 63 2 5.6   | T 112A2  | 5.6                                       |
|                                     | 521.4   | 5.6              | 69.6                                 | 1.8                        | P - 63 2 5.6   | T 100B2  | 5.6                                       |
|                                     | 480.0   | 3.0              | 75.6                                 | 1.1                        | P - 63 2 3     | T 112A4  | 5.6                                       |
|                                     | 476.7   | 3.0              | 76.1                                 | 1.1                        | P - 63 2 3     | T 100BL4 | 5.6                                       |
|                                     | 472.6   | 6.2              | 76.8                                 | 3.0                        | P - 71 2 6.2   | T 112A2  | 7.5                                       |
|                                     | 472.6   | 6.2              | 76.8                                 | 1.7                        | P - 63 2 6.2   | T 112A2  | 5.6                                       |
|                                     | 471.0   | 6.2              | 77.1                                 | 3.0                        | P - 71 2 6.2   | T 100B2  | 7.5                                       |
|                                     | 471.0   | 6.2              | 77.0                                 | 1.7                        | P - 63 2 6.2   | T 100B2  | 5.6                                       |
|                                     | 450.8   | 6.5              | 80.5                                 | 1.7                        | P - 63 2 6.5   | T 112A2  | 5.6                                       |
|                                     | 450.0   | 3.2              | 80.6                                 | 1.9                        | P - 71 2 3.2   | T 112A4  | 7.5                                       |
|                                     | 449.2   | 6.5              | 80.8                                 | 1.7                        | P - 63 2 6.5   | T 100B2  | 5.6                                       |
|                                     | 446.9   | 3.2              | 81.2                                 | 1.8                        | P - 71 2 3.2   | T 100BL4 | 7.5                                       |
|                                     | 396.0   | 7.4              | 91.7                                 | 1.5                        | P - 63 2 7.4   | T 112A2  | 5.6                                       |
|                                     | 394.6   | 7.4              | 92.0                                 | 1.5                        | P - 63 2 7.4   | T 100B2  | 5.6                                       |
|                                     | 379.0   | 3.8              | 95.8                                 | 1.8                        | P - 71 2 3.8   | T 112A4  | 7.5                                       |
|                                     | 376.3   | 3.8              | 96.4                                 | 1.8                        | P - 71 2 3.8   | T 100BL4 | 7.5                                       |
|                                     | 369.2   | 3.9              | 98.3                                 | 1.1                        | P - 63 2 3.9   | T 112A4  | 5.6                                       |
|                                     | 366.7   | 3.9              | 99.0                                 | 1.1                        | P - 63 2 3.9   | T 100BL4 | 5.6                                       |
|                                     | 366.3   | 8.0              | 99.1                                 | 1.5                        | P - 63 2 8     | T 112A2  | 5.6                                       |
|                                     | 365.0   | 8.0              | 99.4                                 | 1.5                        | P - 63 2 8     | T 100B2  | 5.6                                       |
|                                     | 336.8   | 8.7              | 107.8                                | 2.6                        | P - 71 2 8.7   | T 112A2  | 7.5                                       |
|                                     | 335.6   | 8.7              | 108.1                                | 2.6                        | P - 71 2 8.7   | T 100B2  | 7.5                                       |
|                                     | 334.9   | 4.3              | 108.4                                | 1.8                        | P - 71 2 4.3   | T 112A4  | 7.5                                       |
|                                     | 334.9   | 4.3              | 108.4                                | 1.2                        | P - 63 2 4.3   | T 112A4  | 5.6                                       |
|                                     | 332.6   | 4.3              | 109.1                                | 1.8                        | P - 71 2 4.3   | T 100BL4 | 7.5                                       |
|                                     | 332.6   | 4.3              | 109.1                                | 1.2                        | P - 63 2 4.3   | T 100BL4 | 5.6                                       |
|                                     | 325.6   | 9.0              | 111.5                                | 1.5                        | P - 63 2 9     | T 112A2  | 5.6                                       |
|                                     | 324.4   | 9.0              | 111.8                                | 1.5                        | P - 63 2 9     | T 100B2  | 5.6                                       |
|                                     | 288.0   | 5.0              | 126.0                                | 1.1                        | P - 63 2 5     | T 112A4  | 5.6                                       |
|                                     | 287.3   | 10.2             | 126.3                                | 2.9                        | P - 71 2 10.2  | T 112A2  | 7.5                                       |
|                                     | 286.3   | 10.2             | 126.8                                | 2.9                        | P - 71 2 10.2  | T 100B2  | 7.5                                       |
|                                     | 286.0   | 5.0              | 126.9                                | 1.1                        | P - 63 2 5     | T 100BL4 | 5.6                                       |
|                                     | 281.7   | 10.4             | 128.8                                | 1.4                        | P - 63 2 10.4  | T 112A2  | 5.6                                       |
|                                     | 280.8   | 10.4             | 129.2                                | 1.4                        | P - 63 2 10.4  | T 100B2  | 5.6                                       |
|                                     | 271.7   | 5.3              | 133.6                                | 1.6                        | P - 71 2 5.3   | T 112A4  | 7.5                                       |
|                                     | 269.8   | 5.3              | 134.5                                | 1.6                        | P - 71 2 5.3   | T 100BL4 | 7.5                                       |
|                                     | 257.1   | 5.6              | 141.1                                | 1.1                        | P - 63 2 5.6   | T 112A4  | 5.6                                       |
|                                     | 255.4   | 5.6              | 142.1                                | 1.1                        | P - 63 2 5.6   | T 100BL4 | 5.6                                       |
|                                     | 252.6   | 11.6             | 143.7                                | 2.6                        | P - 71 2 11.6  | T 112A2  | 7.5                                       |
|                                     | 251.7   | 11.6             | 144.2                                | 2.6                        | P - 71 2 11.6  | T 100B2  | 7.5                                       |
|                                     | 248.3   | 11.8             | 146.2                                | 1.3                        | P - 63 2 11.8  | T 112A2  | 5.6                                       |
|                                     | 247.5   | 11.8             | 146.7                                | 1.3                        | P - 63 2 11.8  | T 100B2  | 5.6                                       |
|                                     | 238.2   | 12.3             | 152.3                                | 1.8                        | P - 71 2 12.3  | T 112A2  | 7.5                                       |
|                                     | 237.4   | 12.3             | 152.9                                | 1.8                        | P - 71 2 12.3  | T 100B2  | 7.5                                       |
|                                     | 232.3   | 6.2              | 156.2                                | 1.7                        | P - 71 2 6.2   | T 112A4  | 7.5                                       |
|                                     | 232.3   | 6.2              | 156.2                                | 1.0                        | P - 63 2 6.2   | T 112A4  | 5.6                                       |
|                                     | 230.7   | 6.2              | 157.3                                | 1.7                        | P - 71 2 6.2   | T 100BL4 | 7.5                                       |
|                                     | 230.7   | 6.2              | 157.3                                | 1.0                        | P - 63 2 6.2   | T 100BL4 | 5.6                                       |
|                                     | 221.5   | 6.5              | 163.8                                | 1.0                        | P - 63 2 6.5   | T 112A4  | 5.6                                       |
|                                     | 220.0   | 6.5              | 165.0                                | 1.0                        | P - 63 2 6.5   | T 100BL4 | 5.6                                       |
|                                     | 217.0   | 13.5             | 167.2                                | 1.2                        | P - 63 2 13.5  | T 112A2  | 5.6                                       |
|                                     | 216.3   | 13.5             | 167.8                                | 1.2                        | P - 63 2 13.5  | T 100B2  | 5.6                                       |
|                                     | 209.3   | 14.0             | 173.4                                | 2.3                        | P - 71 2 14    | T 112A2  | 7.5                                       |
|                                     | 208.6   | 14.0             | 174.0                                | 2.3                        | P - 71 2 14    | T 100B2  | 7.5                                       |
|                                     | 203.5   | 14.4             | 178.4                                | 1.1                        | P - 63 2 14.4  | T 112A2  | 5.6                                       |
|                                     | 202.8   | 7.1              | 178.9                                | 1.7                        | P - 71 2 7.1   | T 112A4  | 7.5                                       |
|                                     | 202.8   | 14.4             | 178.9                                | 1.1                        | P - 63 2 14.4  | T 100B2  | 5.6                                       |
|                                     | 201.4   | 7.1              | 180.2                                | 1.7                        | P - 71 2 7.1   | T 100BL4 | 7.5                                       |
|                                     | 194.6   | 7.4              | 186.5                                | 1.0                        | P - 63 2 7.4   | T 112A4  | 5.6                                       |
|                                     | 193.2   | 7.4              | 187.8                                | 1.0                        | P - 63 2 7.4   | T 100BL4 | 5.6                                       |
|                                     | 183.0   | 5.3              | 198.3                                | 2.7                        | P - 90 2 5.3   | T 132M6  | 10.5                                      |
|                                     | 182.0   | 16.1             | 199.4                                | 2.1                        | P - 71 2 16.1  | T 112A2  | 7.5                                       |
|                                     | 181.4   | 16.1             | 200.1                                | 2.1                        | P - 71 2 16.1  | T 100B2  | 7.5                                       |
|                                     | 180.0   | 8.0              | 201.6                                | 1.0                        | P - 63 2 8     | T 112A4  | 5.6                                       |
|                                     | 178.8   | 8.0              | 203.0                                | 1.0                        | P - 63 2 8     | T 100BL4 | 5.6                                       |
|                                     | 173.4   | 16.9             | 209.3                                | 1.1                        | P - 63 2 16.9  | T 112A2  | 5.6                                       |
|                                     | 172.8   | 16.9             | 210.0                                | 1.1                        | P - 63 2 16.9  | T 100B2  | 5.6                                       |
|                                     | 169.4   | 17.3             | 214.3                                | 2.0                        | P - 71 2 17.3  | T 112A2  | 7.5                                       |
|                                     | 168.8   | 17.3             | 215.0                                | 2.0                        | P - 71 2 17.3  | T 100B2  | 7.5                                       |
|                                     | 165.5   | 8.7              | 219.2                                | 2.6                        | P - 90 2 8.7   | T 112A4  | 10.5                                      |
|                                     | 165.5   | 8.7              | 219.2                                | 1.4                        | P - 71 2 8.7   | T 112A4  | 7.5                                       |
|                                     | 164.4   | 5.9              | 220.7                                | 2.5                        | P - 90 2 5.9   | T 132M6  | 10.5                                      |
|                                     | 164.4   | 8.7              | 220.8                                | 2.5                        | P - 90 2 8.7   | T 100BL4 | 10.5                                      |
|                                     | 164.4   | 8.7              | 220.8                                | 1.4                        | P - 71 2 8.7   | T 100BL4 | 7.5                                       |
|                                     | 160.0   | 9.0              | 226.8                                | 0.9                        | P - 63 2 9     | T 112A4  | 5.6                                       |
|                                     | 158.9   | 9.0              | 228.4                                | 0.9                        | P - 63 2 9     | T 100BL4 | 5.6                                       |
|                                     | 156.7   | 18.7             | 231.6                                | 1.8                        | P - 71 2 18.7  | T 112A2  | 7.5                                       |
|                                     | 156.2   | 18.7             | 232.4                                | 1.8                        | P - 71 2 18.7  | T 100B2  | 7.5                                       |
|                                     | 154.8   | 9.3              | 234.4                                | 2.4                        | P - 90 2 9.3   | T 112A4  | 10.5                                      |
|                                     | 153.8   | 9.3              | 236.0                                | 2.4                        | P - 90 2 9.3   | T 100BL4 | 10.5                                      |
|                                     | 153.2   | 9.4              | 236.9                                | 2.9                        | P - 80 2 9.4   | T 112A4  | 7.5                                       |
|                                     | 152.1   | 9.4              | 238.5                                | 2.9                        | P - 80 2 9.4   | T 100BL4 | 7.5                                       |
|                                     | 150.3   | 19.5             | 241.4                                | 2.2                        | P - 80 2 19.49 | T 112A2  | 7.5                                       |

4

E



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------------|----------|---|
|                                     | 149,8   | 19,5             | 242,2                                | 2,2                        | P - 80 2 19,49 | T 100B2  | 7,5                                       |
|                                     | 148,0   | 19,8             | 245,3                                | 0,9                        | P - 63 2 19,8  | T 112A2  | 5,6                                       |
|                                     | 147,5   | 19,8             | 246,1                                | 0,9                        | P - 63 2 19,8  | T 100B2  | 5,6                                       |
|                                     | 145,2   | 6,7              | 249,9                                | 3,0                        | P - 80 2 6,68  | T 132M6  | 7,5                                       |
|                                     | 145,1   | 20,2             | 250,2                                | 1,7                        | P - 71 2 20,2  | T 112A2  | 7,5                                       |
|                                     | 144,8   | 6,7              | 250,7                                | 2,4                        | P - 90 2 6,7   | T 132M6  | 10,5                                      |
|                                     | 144,6   | 20,2             | 251,0                                | 1,7                        | P - 71 2 20,2  | T 100B2  | 7,5                                       |
|                                     | 143,4   | 10,0             | 253,0                                | 2,6                        | P - 80 2 10,04 | T 112A4  | 7,5                                       |
|                                     | 142,9   | 20,5             | 253,9                                | 0,8                        | P - 63 2 20,5  | T 112A2  | 5,6                                       |
|                                     | 142,7   | 20,5             | 254,3                                | 2,1                        | P - 80 2 20,53 | T 112A2  | 7,5                                       |
|                                     | 142,4   | 20,5             | 254,8                                | 0,8                        | P - 63 2 20,5  | T 100B2  | 5,6                                       |
|                                     | 142,4   | 10,0             | 254,8                                | 2,6                        | P - 80 2 10,04 | T 100BL4 | 7,5                                       |
|                                     | 142,2   | 20,5             | 255,1                                | 2,1                        | P - 80 2 20,53 | T 100B2  | 7,5                                       |
|                                     | 141,2   | 10,2             | 257,0                                | 1,6                        | P - 71 2 10,2  | T 112A4  | 7,5                                       |
|                                     | 140,2   | 10,2             | 258,9                                | 1,6                        | P - 71 2 10,2  | T 100BL4 | 7,5                                       |
|                                     | 138,5   | 10,4             | 262,1                                | 0,8                        | P - 63 2 10,4  | T 112A4  | 5,6                                       |
|                                     | 137,5   | 10,4             | 263,9                                | 0,8                        | P - 63 2 10,4  | T 100BL4 | 5,6                                       |
|                                     | 136,9   | 21,4             | 265,0                                | 2,8                        | P - 90 2 21,4  | T 112A2  | 10,5                                      |
|                                     | 136,5   | 21,5             | 265,8                                | 2,0                        | P - 80 2 21,46 | T 112A2  | 7,5                                       |
|                                     | 136,5   | 21,4             | 265,9                                | 2,8                        | P - 90 2 21,4  | T 100B2  | 10,5                                      |
|                                     | 136,1   | 21,5             | 266,7                                | 2,0                        | P - 80 2 21,46 | T 100B2  | 7,5                                       |
|                                     | 134,4   | 7,2              | 270,1                                | 2,7                        | P - 80 2 7,22  | T 132M6  | 7,5                                       |
|                                     | 133,8   | 21,9             | 271,2                                | 1,5                        | P - 71 2 21,9  | T 112A2  | 7,5                                       |
|                                     | 133,3   | 21,9             | 272,2                                | 1,5                        | P - 71 2 21,9  | T 100B2  | 7,5                                       |
|                                     | 124,4   | 7,8              | 291,8                                | 2,4                        | P - 90 2 7,8   | T 132M6  | 10,5                                      |
|                                     | 124,1   | 11,6             | 292,3                                | 1,5                        | P - 71 2 11,6  | T 112A4  | 7,5                                       |
|                                     | 123,9   | 11,6             | 292,8                                | 2,3                        | P - 80 2 11,62 | T 112A4  | 7,5                                       |
|                                     | 123,3   | 11,6             | 294,4                                | 1,5                        | P - 71 2 11,6  | T 100BL4 | 7,5                                       |
|                                     | 123,1   | 23,8             | 288,6                                | 2,5                        | P L 85 3 23,8  | T 112A2  | 11,0                                      |
|                                     | 123,1   | 11,6             | 294,9                                | 2,2                        | P - 80 2 11,62 | T 100BL4 | 7,5                                       |
|                                     | 122,7   | 23,8             | 289,6                                | 2,5                        | P L 85 3 23,8  | T 100B2  | 11,0                                      |
|                                     | 122,7   | 23,9             | 295,9                                | 1,8                        | P - 80 2 23,89 | T 112A2  | 7,5                                       |
|                                     | 122,2   | 23,9             | 296,9                                | 1,8                        | P - 80 2 23,89 | T 100B2  | 7,5                                       |
|                                     | 117,2   | 25,0             | 309,7                                | 2,4                        | P - 90 2 25    | T 112A2  | 10,5                                      |
|                                     | 117,1   | 12,3             | 310,0                                | 2,9                        | P - 90 2 12,3  | T 112A4  | 10,5                                      |
|                                     | 117,1   | 12,3             | 310,0                                | 1,0                        | P - 71 2 12,3  | T 112A4  | 7,5                                       |
|                                     | 116,8   | 25,0             | 310,7                                | 2,4                        | P - 90 2 25    | T 100B2  | 10,5                                      |
|                                     | 116,3   | 12,3             | 312,2                                | 2,9                        | P - 90 2 12,3  | T 100BL4 | 10,5                                      |
|                                     | 116,3   | 12,3             | 312,2                                | 1,0                        | P - 71 2 12,3  | T 100BL4 | 7,5                                       |
|                                     | 116,0   | 8,4              | 312,8                                | 2,4                        | P - 80 2 8,36  | T 132M6  | 7,5                                       |
|                                     | 115,8   | 25,3             | 313,4                                | 1,1                        | P - 71 2 25,3  | T 112A2  | 7,5                                       |
|                                     | 115,4   | 25,3             | 314,4                                | 1,1                        | P - 71 2 25,3  | T 100B2  | 7,5                                       |
|                                     | 111,5   | 8,7              | 325,5                                | 1,7                        | P - 90 2 8,7   | T 132M6  | 10,5                                      |
|                                     | 111,4   | 26,3             | 325,7                                | 1,7                        | P - 80 2 26,3  | T 112A2  | 7,5                                       |
|                                     | 111,0   | 26,3             | 326,8                                | 1,7                        | P - 80 2 26,3  | T 100B2  | 7,5                                       |
|                                     | 111,0   | 26,4             | 320,1                                | 1,7                        | P L 65 3 26,4  | T 112A2  | 8,0                                       |
|                                     | 110,6   | 26,4             | 321,2                                | 1,7                        | P L 65 3 26,4  | T 100B2  | 8,0                                       |
|                                     | 106,6   | 27,5             | 333,4                                | 2,6                        | P L 85 3 27,5  | T 112A2  | 11,0                                      |
|                                     | 106,2   | 27,5             | 334,6                                | 2,6                        | P L 85 3 27,5  | T 100B2  | 11,0                                      |
|                                     | 105,8   | 27,7             | 343,1                                | 2,2                        | P - 90 2 27,7  | T 112A2  | 10,5                                      |
|                                     | 105,4   | 27,7             | 344,2                                | 2,2                        | P - 90 2 27,7  | T 100B2  | 10,5                                      |
|                                     | 104,7   | 13,8             | 346,5                                | 2,2                        | P - 80 2 13,75 | T 112A4  | 7,5                                       |
|                                     | 104,3   | 9,3              | 347,9                                | 1,6                        | P - 90 2 9,3   | T 132M6  | 10,5                                      |
|                                     | 104,0   | 13,8             | 349,0                                | 2,1                        | P - 80 2 13,75 | T 100BL4 | 7,5                                       |
|                                     | 103,2   | 28,4             | 351,5                                | 1,5                        | P - 80 2 28,38 | T 112A2  | 7,5                                       |
|                                     | 103,2   | 9,4              | 351,7                                | 2,1                        | P - 80 2 9,4   | T 132M6  | 7,5                                       |
|                                     | 102,9   | 28,4             | 352,7                                | 1,5                        | P - 80 2 28,38 | T 100B2  | 7,5                                       |
|                                     | 102,9   | 14,0             | 352,8                                | 2,6                        | P - 90 2 14    | T 112A4  | 10,5                                      |
|                                     | 102,9   | 14,0             | 352,8                                | 1,3                        | P - 71 2 14    | T 112A4  | 7,5                                       |
|                                     | 102,1   | 14,0             | 355,3                                | 2,6                        | P - 90 2 14    | T 100BL4 | 10,5                                      |
|                                     | 102,1   | 14,0             | 355,3                                | 1,3                        | P - 71 2 14    | T 100BL4 | 7,5                                       |
|                                     | 101,7   | 28,8             | 356,7                                | 1,2                        | P - 71 2 28,8  | T 112A2  | 7,5                                       |
|                                     | 101,4   | 28,8             | 357,9                                | 1,1                        | P - 71 2 28,8  | T 100B2  | 7,5                                       |
|                                     | 100,0   | 9,7              | 362,9                                | 2,4                        | P - 90 2 9,7   | T 132M6  | 10,5                                      |
|                                     | 97,7  | 14,7             | 371,5                                | 2,0                        | P - 80 2 14,74 | T 112A4  | 7,5                                       |
|                                     | 97,2  | 30,2             | 373,4                                | 1,4                        | P - 80 2 30,15 | T 112A2  | 7,5                                       |
|                                     | 97,0  | 14,7             | 374,1                                | 2,0                        | P - 80 2 14,74 | T 100BL4 | 7,5                                       |
|                                     | 96,9  | 30,2             | 374,7                                | 1,4                        | P - 80 2 30,15 | T 100B2  | 7,5                                       |
|                                     | 96,6  | 10,0             | 375,6                                | 1,9                        | P - 80 2 10,04 | T 132M6  | 7,5                                       |
|                                     | 96,1  | 30,5             | 377,7                                | 2,0                        | P - 90 2 30,5  | T 112A2  | 10,5                                      |
|                                     | 95,7  | 30,5             | 379,0                                | 2,0                        | P - 90 2 30,5  | T 100B2  | 10,5                                      |
|                                     | 90,7  | 32,3             | 391,7                                | 1,4                        | P L 65 3 32,3  | T 112A2  | 8,0                                       |
|                                     | 90,4  | 32,3             | 393,0                                | 1,4                        | P L 65 3 32,3  | T 100B2  | 8,0                                       |
|                                     | 90,0  | 16,0             | 403,2                                | 2,3                        | P - 90 2 16    | T 112A4  | 10,5                                      |
|                                     | 89,4  | 16,1             | 405,7                                | 1,1                        | P - 71 2 16,1  | T 112A4  | 7,5                                       |
|                                     | 89,4  | 16,0             | 406,0                                | 2,2                        | P - 90 2 16    | T 100BL4 | 10,5                                      |
|                                     | 89,0  | 10,9             | 407,8                                | 2,3                        | P - 90 2 10,9  | T 132M6  | 10,5                                      |
|                                     | 88,8  | 16,1             | 408,6                                | 1,1                        | P - 71 2 16,1  | T 100BL4 | 7,5                                       |
|                                     | 88,5  | 33,1             | 410,0                                | 0,9                        | P - 71 2 33,1  | T 112A2  | 7,5                                       |
|                                     | 88,2  | 33,1             | 411,3                                | 0,9                        | P - 71 2 33,1  | T 100B2  | 7,5                                       |
|                                     | 87,4  | 11,1             | 415,3                                | 2,6                        | P - 112 2 11,1 | T 132M6  | 16,5                                      |
|                                     | 84,9  | 34,5             | 418,3                                | 2,4                        | P L 85 3 34,5  | T 112A2  | 11,0                                      |
|                                     | 84,6  | 34,5             | 419,7                                | 2,4                        | P L 85 3 34,5  | T 100B2  | 11,0                                      |
|                                     | 84,4  | 17,1             | 430,2                                | 2,0                        | P - 80 2 17,07 | T 112A4  | 7,5                                       |
|                                     | 84,2  | 34,8             | 430,9                                | 1,3                        | P - 80 2 34,79 | T 112A2  | 7,5                                       |
|                                     | 84,2  | 17,1             | 430,9                                | 2,1                        | P - 90 2 17,1  | T 112A4  | 10,5                                      |
|                                     | 83,9  | 34,8             | 432,3                                | 1,2                        | P - 80 2 34,79 | T 100B2  | 7,5                                       |
|                                     | 83,8  | 17,1             | 433,2                                | 2,0                        | P - 80 2 17,07 | T 100BL4 | 7,5                                       |
|                                     | 83,7  | 35,0             | 433,5                                | 1,6                        | P - 90 2 35    | T 112A2  | 10,5                                      |
|                                     | 83,6  | 17,1             | 434,0                                | 2,1                        | P - 90 2 17,1  | T 100BL4 | 10,5                                      |
|                                     | 83,5  | 11,6             | 434,7                                | 1,7                        | P - 80 2 11,62 | T 132M6  | 7,5                                       |
|                                     | 83,4  | 35,0             | 435,0                                | 1,6                        | P - 90 2 35    | T 100B2  | 10,5                                      |
|                                     | 83,2  | 17,3             | 436,0                                | 1,1                        | P - 71 2 17,3  | T 112A4  | 7,5                                       |
|                                     | 82,7  | 17,3             | 439,0                                | 1,0                        | P - 71 2 17,3  | T 100BL4 | 7,5                                       |
|                                     | 78,9  | 12,3             | 460,2                                | 2,0                        | P - 90 2 12,3  | T 132M6  | 10,5                                      |

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E118

CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU   | Ptn<br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|----------------|----------|-------------------------------|
|                                     | 78,1  | 18,5             | 464,9                    | 1,9                        | P - 80 2 18.45 | T 112A4  | 7,5                           |
|                                     | 77,9  | 37,6             | 455,9                    | 1,2                        | P L 65 3 37.6  | T 112A2  | 8,0                           |
|                                     | 77,7  | 37,6             | 457,4                    | 1,2                        | P L 65 3 37.6  | T 100B2  | 8,0                           |
|                                     | 77,5  | 18,5             | 468,2                    | 1,9                        | P - 80 2 18.45 | T 100BL4 | 7,5                           |
|                                     | 77,2  | 38,0             | 470,0                    | 1,1                        | P - 80 2 37.95 | T 112A2  | 7,5                           |
|                                     | 77,0  | 18,7             | 471,2                    | 1,0                        | P - 71 2 18.7  | T 112A4  | 7,5                           |
|                                     | 76,9  | 38,0             | 471,6                    | 1,1                        | P - 80 2 37.95 | T 100B2  | 7,5                           |
|                                     | 76,5  | 18,7             | 474,6                    | 1,0                        | P - 71 2 18.7  | T 100BL4 | 7,5                           |
|                                     | 75,7  | 38,7             | 469,3                    | 2,3                        | P L 85 3 38.7  | T 112A2  | 11,0                          |
|                                     | 75,7  | 38,7             | 469,2                    | 1,5                        | P - 90 3 38.7  | T 112A2  | 7,5                           |
|                                     | 75,5  | 38,7             | 470,8                    | 2,3                        | P L 85 3 38.7  | T 100B2  | 11,0                          |
|                                     | 75,5  | 38,7             | 470,8                    | 1,5                        | P - 90 3 38.7  | T 100B2  | 7,5                           |
|                                     | 73,9  | 39,6             | 490,9                    | 0,9                        | P - 80 2 39.63 | T 112A2  | 7,5                           |
|                                     | 73,9  | 19,5             | 491,2                    | 1,2                        | P - 80 2 19.49 | T 112A4  | 7,5                           |
|                                     | 73,7  | 39,6             | 492,5                    | 0,9                        | P - 80 2 39.63 | T 100B2  | 7,5                           |
|                                     | 73,4  | 19,5             | 494,6                    | 1,2                        | P - 80 2 19.49 | T 100BL4 | 7,5                           |
|                                     | 72,7  | 19,8             | 499,0                    | 1,8                        | P - 90 2 19.8  | T 112A4  | 10,5                          |
|                                     | 72,5  | 40,4             | 500,4                    | 1,2                        | P - 90 2 40.4  | T 112A2  | 10,5                          |
|                                     | 72,3  | 40,4             | 502,0                    | 1,2                        | P - 90 2 40.4  | T 100B2  | 10,5                          |
|                                     | 72,2  | 19,8             | 502,5                    | 1,8                        | P - 90 2 19.8  | T 100BL4 | 10,5                          |
|                                     | 72,0  | 40,7             | 504,1                    | 2,9                        | P - 112 2 40.7 | T 112A2  | 16,5                          |
|                                     | 71,7  | 40,7             | 505,8                    | 2,9                        | P - 112 2 40.7 | T 100B2  | 16,5                          |
|                                     | 71,3  | 20,2             | 509,0                    | 0,9                        | P - 71 2 20.2  | T 112A4  | 7,5                           |
|                                     | 70,8  | 20,2             | 512,7                    | 0,9                        | P - 71 2 20.2  | T 100BL4 | 7,5                           |
|                                     | 70,6  | 13,8             | 514,4                    | 1,6                        | P - 80 2 13.75 | T 132M6  | 7,5                           |
|                                     | 70,1  | 20,5             | 517,4                    | 1,2                        | P - 80 2 20.53 | T 112A4  | 7,5                           |
|                                     | 69,7  | 20,5             | 521,1                    | 1,2                        | P - 80 2 20.53 | T 100BL4 | 7,5                           |
|                                     | 69,4  | 42,3             | 523,3                    | 0,9                        | P - 80 2 42.25 | T 112A2  | 7,5                           |
|                                     | 69,3  | 14,0             | 523,8                    | 1,8                        | P - 90 2 14    | T 132M6  | 10,5                          |
|                                     | 69,1  | 42,3             | 525,1                    | 0,9                        | P - 80 2 42.25 | T 100B2  | 7,5                           |
|                                     | 67,3  | 21,4             | 539,3                    | 1,7                        | P - 90 2 21.4  | T 112A4  | 10,5                          |
|                                     | 67,1  | 21,5             | 540,8                    | 1,1                        | P - 80 2 21.46 | T 112A4  | 7,5                           |
|                                     | 67,1  | 43,7             | 529,9                    | 2,0                        | P L 85 3 43.7  | T 112A2  | 11,0                          |
|                                     | 67,1  | 43,7             | 529,8                    | 1,4                        | P - 90 3 43.7  | T 112A2  | 7,5                           |
|                                     | 66,8  | 43,7             | 531,7                    | 2,0                        | P L 85 3 43.7  | T 100B2  | 11,0                          |
|                                     | 66,8  | 21,4             | 543,1                    | 1,7                        | P - 90 2 21.4  | T 100BL4 | 10,5                          |
|                                     | 66,8  | 43,7             | 531,6                    | 1,4                        | P - 90 3 43.7  | T 100B2  | 7,5                           |
|                                     | 66,6  | 21,5             | 544,6                    | 1,1                        | P - 80 2 21.46 | T 100BL4 | 7,5                           |
|                                     | 66,4  | 44,1             | 546,2                    | 1,3                        | P - 90 2 44.1  | T 112A2  | 10,5                          |
|                                     | 66,2  | 44,1             | 548,1                    | 1,3                        | P - 90 2 44.1  | T 100B2  | 10,5                          |
|                                     | 65,8  | 14,7             | 551,4                    | 1,5                        | P - 80 2 14.74 | T 132M6  | 7,5                           |
|                                     | 65,8  | 21,9             | 551,9                    | 0,8                        | P - 71 2 21.9  | T 112A4  | 7,5                           |
|                                     | 65,6  | 44,7             | 553,6                    | 2,6                        | P - 112 2 44.7 | T 112A2  | 16,5                          |
|                                     | 65,3  | 44,7             | 555,6                    | 2,6                        | P - 112 2 44.7 | T 100B2  | 16,5                          |
|                                     | 65,3  | 21,9             | 555,7                    | 0,8                        | P - 71 2 21.9  | T 100BL4 | 7,5                           |
|                                     | 63,7  | 46,0             | 557,7                    | 1,0                        | P L 65 3 46    | T 112A2  | 8,0                           |
|                                     | 63,5  | 46,0             | 559,6                    | 1,0                        | P L 65 3 46    | T 100B2  | 8,0                           |
|                                     | 61,0  | 23,6             | 582,2                    | 2,7                        | P L 95 3 23.6  | T 112A4  | 16,0                          |
|                                     | 60,6  | 16,0             | 598,7                    | 1,5                        | P - 90 2 16    | T 132M6  | 10,5                          |
|                                     | 60,6  | 23,6             | 586,3                    | 2,7                        | P L 95 3 23.6  | T 100BL4 | 16,0                          |
|                                     | 60,5  | 23,8             | 587,2                    | 1,4                        | P L 85 3 23.8  | T 112A4  | 11,0                          |
|                                     | 60,3  | 23,9             | 602,0                    | 1,0                        | P - 80 2 23.89 | T 112A4  | 7,5                           |
|                                     | 60,1  | 23,8             | 591,3                    | 1,4                        | P L 85 3 23.8  | T 100BL4 | 11,0                          |
|                                     | 60,0  | 48,8             | 591,7                    | 1,3                        | P - 90 3 48.8  | T 112A2  | 7,5                           |
|                                     | 59,9  | 48,9             | 605,6                    | 2,4                        | P - 112 2 48.9 | T 112A2  | 16,5                          |
|                                     | 59,9  | 23,9             | 606,2                    | 1,0                        | P - 80 2 23.89 | T 100BL4 | 7,5                           |
|                                     | 59,8  | 48,8             | 593,7                    | 1,3                        | P - 90 3 48.8  | T 100B2  | 7,5                           |
|                                     | 59,7  | 48,9             | 607,8                    | 2,4                        | P - 112 2 48.9 | T 100B2  | 16,5                          |
|                                     | 59,5  | 16,3             | 609,8                    | 3,0                        | P - 112 2 16.3 | T 132M6  | 16,5                          |
|                                     | 57,6  | 25,0             | 630,1                    | 1,4                        | P - 90 2 25    | T 112A4  | 10,5                          |
|                                     | 57,6  | 50,9             | 630,5                    | 1,1                        | P - 90 2 50.9  | T 112A2  | 10,5                          |
|                                     | 57,4  | 50,9             | 632,6                    | 1,1                        | P - 90 2 50.9  | T 100B2  | 10,5                          |
|                                     | 57,2  | 51,2             | 620,8                    | 2,2                        | P - 112 3 51.2 | T 112A2  | 11,8                          |
|                                     | 57,2  | 25,0             | 634,5                    | 1,4                        | P - 90 2 25    | T 100BL4 | 10,5                          |
|                                     | 57,0  | 51,2             | 622,9                    | 2,2                        | P - 112 3 51.2 | T 100B2  | 11,8                          |
|                                     | 56,8  | 17,1             | 638,6                    | 1,4                        | P - 80 2 17.07 | T 132M6  | 7,5                           |
|                                     | 56,7  | 17,1             | 639,7                    | 1,4                        | P - 90 2 17.1  | T 132M6  | 10,5                          |
|                                     | 56,7  | 25,4             | 640,1                    | 2,5                        | P - 112 2 25.4 | T 112A4  | 16,5                          |
|                                     | 56,3  | 25,4             | 644,6                    | 2,5                        | P - 112 2 25.4 | T 100BL4 | 16,5                          |
|                                     | 55,0  | 53,1             | 659,9                    | 3,0                        | P - 125 2 53.1 | T 100B2  | 21,0                          |
|                                     | 54,8  | 17,7             | 662,3                    | 2,7                        | P - 112 2 17.7 | T 132M6  | 16,5                          |
|                                     | 54,8  | 26,3             | 662,8                    | 0,9                        | P - 80 2 26.3  | T 112A4  | 7,5                           |
|                                     | 54,6  | 26,4             | 651,3                    | 0,9                        | P L 65 3 26.4  | T 112A4  | 8,0                           |
|                                     | 54,4  | 26,3             | 667,4                    | 0,9                        | P - 80 2 26.3  | T 100BL4 | 7,5                           |
|                                     | 54,2  | 26,4             | 655,7                    | 0,9                        | P L 65 3 26.4  | T 100BL4 | 8,0                           |
|                                     | 54,0  | 54,3             | 658,3                    | 0,8                        | P L 65 3 54.3  | T 112A2  | 8,0                           |
|                                     | 53,8  | 54,3             | 660,6                    | 0,8                        | P L 65 3 54.3  | T 100B2  | 8,0                           |
|                                     | 53,6  | 54,7             | 663,3                    | 2,9                        | P L 95 3 54.7  | T 112A2  | 16,0                          |
|                                     | 53,4  | 54,7             | 665,6                    | 2,8                        | P L 95 3 54.7  | T 100B2  | 16,0                          |
|                                     | 53,1  | 55,2             | 669,3                    | 1,1                        | P - 90 3 55.2  | T 112A2  | 7,5                           |
|                                     | 52,9  | 55,2             | 671,6                    | 1,1                        | P - 90 3 55.2  | T 100B2  | 7,5                           |
|                                     | 52,6  | 18,5             | 690,3                    | 1,4                        | P - 80 2 18.45 | T 132M6  | 7,5                           |
|                                     | 52,6  | 27,4             | 676,1                    | 2,7                        | P L 95 3 27.4  | T 112A4  | 16,0                          |
|                                     | 52,4  | 27,5             | 678,5                    | 1,4                        | P L 85 3 27.5  | T 112A4  | 11,0                          |
|                                     | 52,2  | 27,4             | 680,7                    | 2,6                        | P L 95 3 27.4  | T 100BL4 | 16,0                          |
|                                     | 52,0  | 56,3             | 682,7                    | 1,6                        | P L 85 3 56.3  | T 112A2  | 11,0                          |
|                                     | 52,0  | 27,5             | 683,2                    | 1,4                        | P L 85 3 27.5  | T 100BL4 | 11,0                          |
|                                     | 52,0  | 27,7             | 698,0                    | 1,3                        | P - 90 2 27.7  | T 112A4  | 10,5                          |
|                                     | 51,9  | 56,3             | 685,0                    | 1,6                        | P L 85 3 56.3  | T 100B2  | 11,0                          |
|                                     | 51,6  | 27,7             | 703,0                    | 1,3                        | P - 90 2 27.7  | T 100BL4 | 10,5                          |
|                                     | 51,0  | 57,5             | 712,1                    | 2,8                        | P - 125 2 57.5 | T 112A2  | 21,0                          |
|                                     | 50,8  | 57,5             | 714,7                    | 2,8                        | P - 125 2 57.5 | T 100B2  | 21,0                          |
|                                     | 50,7  | 28,4             | 715,1                    | 0,8                        | P - 80 2 28.38 | T 112A4  | 7,5                           |
|                                     | 50,4  | 28,4             | 720,3                    | 0,8                        | P - 80 2 28.38 | T 100BL4 | 7,5                           |
|                                     | 50,1  | 58,5             | 709,2                    | 2,0                        | P - 112 3 58.5 | T 112A2  | 11,8                          |

4





**CT17 IGBD 4.0**

تهران، کیلومتر ۲۱ بزرگراه لشکری (جاده مخصوص کرج)  
روبروی پالایشگاه نفت پارس، پلاک ۱۳

**E119**



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
| 49.9                                | 58.5  | 711.8            | 2.0                                  | P - 112 3 58.5             | T 100B2   | 11.8  |   |
| 49.8                                | 19.5  | 729.2            | 0.9                                  | P - 80 2 19.49             | T 132M6   | 7.5   |   |
| 49.5                                | 29.1  | 733.4            | 2.4                                  | P - 112 2 29.1             | T 112A4   | 16.5  |   |
| 49.1                                | 29.1  | 738.5            | 2.4                                  | P - 112 2 29.1             | T 100BL4  | 16.5  |   |
| 49.0                                | 19.8  | 740.7            | 1.2                                  | P - 90 2 19.8              | T 132M6   | 10.5  |   |
| 48.7                                | 19.9  | 744.5            | 2.9                                  | P - 125 2 19.9             | T 132M6   | 21.0  |   |
| 48.0                                | 20.2  | 755.7            | 2.4                                  | P - 112 2 20.2             | T 132M6   | 16.5  |   |
| 47.7                                | 30.2  | 761.1            | 2.9                                  | P - 125 2 30.2             | T 112A4   | 21.0  |   |
| 47.4                                | 30.2  | 766.4            | 2.9                                  | P - 125 2 30.2             | T 100BL4  | 21.0  |   |
| 47.3                                | 20.5  | 767.9            | 0.9                                  | P - 80 2 20.53             | T 132M6   | 7.5   |   |
| 47.2                                | 30.5  | 768.7            | 1.2                                  | P - 90 2 30.5              | T 112A4   | 10.5  |   |
| 47.0                                | 62.3  | 755.5            | 1.0                                  | P - 90 3 62.3              | T 112A2   | 7.5   |   |
| 46.9                                | 30.5  | 774.0            | 1.2                                  | P - 90 2 30.5              | T 100BL4  | 10.5  |   |
| 46.9                                | 62.3  | 758.0            | 1.0                                  | P - 90 3 62.3              | T 100B2   | 7.5   |   |
| 46.7                                | 62.7  | 760.3            | 1.9                                  | P - 112 3 62.7             | T 112A2   | 11.8  |   |
| 46.6                                | 62.7  | 762.8            | 1.9                                  | P - 112 3 62.7             | T 100B2   | 11.8  |   |
| 45.9                                | 63.9  | 774.9            | 1.4                                  | P L 85 3 63.9              | T 112A2   | 11.0  |   |
| 45.7                                | 63.9  | 777.4            | 1.4                                  | P L 85 3 63.9              | T 100B2   | 11.0  |   |
| 45.3                                | 21.4  | 800.5            | 1.1                                  | P - 90 2 21.4              | T 132M6   | 10.5  |   |
| 45.2                                | 21.5  | 802.9            | 0.8                                  | P - 80 2 21.46             | T 132M6   | 7.5   |   |
| 44.8                                | 65.4  | 793.0            | 2.5                                  | P L 95 3 65.4              | T 112A2   | 16.0  |   |
| 44.7                                | 21.7  | 811.8            | 2.3                                  | P - 112 2 21.7             | T 132M6   | 16.5  |   |
| 44.7                                | 65.4  | 795.7            | 2.5                                  | P L 95 3 65.4              | T 100B2   | 16.0  |   |
| 44.6                                | 32.3  | 814.0            | 2.2                                  | P - 112 2 32.3             | T 112A4   | 16.5  |   |
| 44.3                                | 32.3  | 819.8            | 2.1                                  | P - 112 2 32.3             | T 100BL4  | 16.5  |   |
| 43.8                                | 32.9  | 811.7            | 2.6                                  | P L 95 3 32.9              | T 112A4   | 16.0  |   |
| 43.5                                | 32.9  | 817.3            | 2.6                                  | P L 95 3 32.9              | T 100BL4  | 16.0  |   |
| 43.5                                | 67.4  | 817.3            | 1.8                                  | P - 112 3 67.4             | T 112A2   | 11.8  |   |
| 43.3                                | 67.4  | 820.0            | 1.8                                  | P - 112 3 67.4             | T 100B2   | 11.8  |   |
| 41.7                                | 34.5  | 851.1            | 1.3                                  | P L 85 3 34.5              | T 112A4   | 11.0  |   |
| 41.5                                | 70.6  | 856.1            | 0.9                                  | P - 90 3 70.6              | T 112A2   | 7.5   |   |
| 41.5                                | 34.5  | 857.0            | 1.3                                  | P L 85 3 34.5              | T 100BL4  | 11.0  |   |
| 41.4                                | 70.6  | 859.1            | 0.9                                  | P - 90 3 70.6              | T 100B2   | 7.5   |   |
| 41.1                                | 35.0  | 882.2            | 1.0                                  | P - 90 2 35                | T 112A4   | 10.5  |   |
| 41.1                                | 23.6  | 864.4            | 2.0                                  | P L 95 3 23.6              | T 132M6   | 16.0  |   |
| 40.9                                | 35.0  | 888.2            | 1.0                                  | P - 90 2 35                | T 100BL4  | 10.5  |   |
| 40.8                                | 23.8  | 871.6            | 1.0                                  | P L 85 3 23.8              | T 132M6   | 11.0  |   |
| 40.4                                | 72.6  | 880.3            | 1.7                                  | P - 112 3 72.6             | T 112A2   | 11.8  |   |
| 40.2                                | 72.6  | 883.3            | 1.7                                  | P - 112 3 72.6             | T 100B2   | 11.8  |   |
| 39.6                                | 74.0  | 897.4            | 1.2                                  | P L 85 3 74                | T 112A2   | 11.0  |   |
| 39.5                                | 74.2  | 899.6            | 2.3                                  | P L 95 3 74.2              | T 112A2   | 16.0  |   |
| 39.5                                | 74.0  | 900.4            | 1.2                                  | P L 85 3 74                | T 100B2   | 11.0  |   |
| 39.4                                | 74.2  | 902.8            | 2.3                                  | P L 95 3 74.2              | T 100B2   | 16.0  |   |
| 38.8                                | 25.0  | 935.2            | 1.0                                  | P - 90 2 25                | T 132M6   | 10.5  |   |
| 38.7                                | 25.1  | 938.9            | 2.4                                  | P - 125 2 25.1             | T 132M6   | 21.0  |   |
| 38.4                                | 76.3  | 925.1            | 0.9                                  | P - 90 3 76.3              | T 112A2   | 7.5   |   |
| 38.3                                | 76.3  | 928.3            | 0.9                                  | P - 90 3 76.3              | T 100B2   | 7.5   |   |
| 38.2                                | 25.4  | 950.3            | 1.8                                  | P - 112 2 25.4             | T 132M6   | 16.5  |   |
| 37.7                                | 38.2  | 962.6            | 2.4                                  | P - 125 2 38.2             | T 112A4   | 21.0  |   |
| 37.4                                | 38.2  | 969.5            | 2.4                                  | P - 125 2 38.2             | T 100BL4  | 21.0  |   |
| 37.4                                | 38.5  | 960.1            | 2.9                                  | P L 105 3 38.5             | T 112A4   | 22.0  |   |
| 37.3                                | 78.5  | 951.9            | 1.6                                  | P - 112 3 78.5             | T 112A2   | 11.8  |   |
| 37.2                                | 38.7  | 954.7            | 1.3                                  | P L 85 3 38.7              | T 112A4   | 11.0  |   |
| 37.2                                | 38.7  | 954.6            | 1.0                                  | P - 90 3 38.7              | T 112A4   | 7.5   |   |
| 37.2                                | 78.5  | 955.0            | 1.6                                  | P - 112 3 78.5             | T 100B2   | 11.8  |   |
| 37.1                                | 38.5  | 966.9            | 2.9                                  | P L 105 3 38.5             | T 100BL4  | 22.0  |   |
| 37.0                                | 38.9  | 980.3            | 1.8                                  | P - 112 2 38.9             | T 112A4   | 16.5  |   |
| 37.0                                | 38.7  | 961.5            | 1.2                                  | P L 85 3 38.7              | T 100BL4  | 11.0  |   |
| 37.0                                | 38.7  | 961.4            | 0.9                                  | P - 90 3 38.7              | T 100BL4  | 7.5   |   |
| 36.8                                | 38.9  | 987.2            | 1.8                                  | P - 112 2 38.9             | T 100BL4  | 16.5  |   |
| 36.7                                | 79.8  | 977.9            | 2.8                                  | P L 105 3 79.8             | T 112A2   | 22.0  |   |
| 36.6                                | 79.8  | 981.4            | 2.8                                  | P L 105 3 79.8             | T 100B2   | 22.0  |   |
| 35.6                                | 40.5  | 999.0            | 2.1                                  | P L 95 3 40.5              | T 112A4   | 16.0  |   |
| 35.4                                | 27.4  | 1003.6           | 2.0                                  | P L 95 3 27.4              | T 132M6   | 16.0  |   |
| 35.4                                | 40.7  | 1025.8           | 1.7                                  | P - 112 2 40.7             | T 112A4   | 16.5  |   |
| 35.3                                | 40.5  | 1006.1           | 2.1                                  | P L 95 3 40.5              | T 100BL4  | 16.0  |   |
| 35.3                                | 27.5  | 1007.3           | 1.0                                  | P L 85 3 27.5              | T 132M6   | 11.0  |   |
| 35.2                                | 40.9  | 1030.9           | 2.9                                  | P - 132 2 40.91            | T 112A4   | 30.0  |   |
| 35.1                                | 40.7  | 1032.8           | 1.7                                  | P - 112 2 40.7             | T 100BL4  | 16.5  |   |
| 35.0                                | 27.7  | 1036.3           | 0.9                                  | P - 90 2 27.7              | T 132M6   | 10.5  |   |
| 35.0                                | 40.9  | 1038.3           | 2.9                                  | P - 132 2 40.91            | T 100BL4  | 30.0  |   |
| 34.5                                | 84.9  | 1029.6           | 1.0                                  | P L 85 3 84.9              | T 112A2   | 11.0  |   |
| 34.4                                | 84.9  | 1033.0           | 1.0                                  | P L 85 3 84.9              | T 100B2   | 11.0  |   |
| 34.1                                | 86.0  | 1042.7           | 2.0                                  | P L 95 3 86                | T 112A2   | 16.0  |   |
| 34.0                                | 86.0  | 1046.5           | 2.0                                  | P L 95 3 86                | T 100B2   | 16.0  |   |
| 33.9                                | 28.6  | 1058.6           | 2.7                                  | P L 105 3 28.6             | T 132M6   | 22.0  |   |
| 33.6                                | 87.3  | 1058.6           | 1.4                                  | P - 112 3 87.3             | T 112A2   | 11.8  |   |
| 33.5                                | 87.4  | 1071.2           | 2.6                                  | P L 105 3 87.4             | T 112A2   | 22.0  |   |
| 33.5                                | 87.3  | 1062.1           | 1.4                                  | P - 112 3 87.3             | T 100B2   | 11.8  |   |
| 33.4                                | 87.4  | 1074.7           | 2.6                                  | P L 105 3 87.4             | T 100B2   | 22.0  |   |
| 33.3                                | 29.1  | 1088.9           | 1.7                                  | P - 112 2 29.1             | T 132M6   | 16.5  |   |
| 33.0                                | 43.7  | 1078.2           | 1.1                                  | P L 85 3 43.7              | T 112A4   | 11.0  |   |
| 33.0                                | 43.7  | 1078.2           | 0.8                                  | P - 90 3 43.7              | T 112A4   | 7.5   |   |
| 32.7                                | 43.7  | 1085.7           | 1.1                                  | P L 85 3 43.7              | T 100BL4  | 11.0  |   |
| 32.7                                | 43.7  | 1085.9           | 0.8                                  | P - 90 3 43.7              | T 100BL4  | 7.5   |   |
| 32.5                                | 44.3  | 1116.3           | 2.0                                  | P - 125 2 44.3             | T 112A4   | 21.0  |   |
| 32.3                                | 90.6  | 1110.4           | 2.6                                  | P L 105 3 90.6             | T 112A2   | 22.0  |   |
| 32.3                                | 44.3  | 1124.2           | 2.0                                  | P - 125 2 44.3             | T 100BL4  | 21.0  |   |
| 32.2                                | 90.6  | 1114.1           | 2.6                                  | P L 105 3 90.6             | T 100B2   | 22.0  |   |
| 32.2                                | 44.7  | 1126.7           | 1.6                                  | P - 112 2 44.7             | T 112A4   | 16.5  |   |
| 32.1                                | 30.2  | 1129.9           | 2.1                                  | P - 125 2 30.2             | T 132M6   | 21.0  |   |
| 32.1                                | 44.9  | 1119.7           | 2.5                                  | P L 105 3 44.9             | T 112A4   | 22.0  |   |
| 32.0                                | 44.7  | 1134.3           | 1.5                                  | P - 112 2 44.7             | T 100BL4  | 16.5  |   |
| 31.9                                | 44.9  | 1127.4           | 2.5                                  | P L 105 3 44.9             | T 100BL4  | 22.0  |   |
| 31.8                                | 30.5  | 1141.1           | 0.8                                  | P - 90 2 30.5              | T 132M6   | 10.5  |   |

4

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 31,3  | 93,6             | 1135,1                                | 1,3                        | P - 112 3 93,6  | T 112A2  | 11,8                                      |
|                                     | 31,2  | 93,6             | 1138,7                                | 1,3                        | P - 112 3 93,6  | T 100B2  | 11,8                                      |
|                                     | 31,0  | 31,3             | 1158,7                                | 2,6                        | P L 105 3 31,3  | T 132M6  | 22,0                                      |
|                                     | 30,7  | 46,9             | 1157,2                                | 1,8                        | P L 95 3 46,9   | T 112A4  | 16,0                                      |
|                                     | 30,5  | 46,9             | 1165,2                                | 1,8                        | P L 95 3 46,9   | T 100BL4 | 16,0                                      |
|                                     | 30,2  | 32,1             | 1202,1                                | 2,9                        | P - 132 2 32,13 | T 132M6  | 30,0                                      |
|                                     | 30,0  | 32,3             | 1208,4                                | 1,5                        | P - 112 2 32,3  | T 132M6  | 16,5                                      |
|                                     | 29,9  | 98,0             | 1188,1                                | 0,9                        | P L 85 3 98     | T 112A2  | 11,0                                      |
|                                     | 29,8  | 98,0             | 1192,1                                | 0,9                        | P L 85 3 98     | T 100B2  | 11,0                                      |
|                                     | 29,8  | 98,4             | 1193,0                                | 1,8                        | P L 95 3 98,4   | T 112A2  | 16,0                                      |
|                                     | 29,7  | 98,4             | 1197,4                                | 1,8                        | P L 95 3 98,4   | T 100B2  | 16,0                                      |
|                                     | 29,5  | 32,9             | 1205,1                                | 1,9                        | P L 95 3 32,9   | T 132M6  | 16,0                                      |
|                                     | 29,5  | 48,9             | 1232,2                                | 1,4                        | P - 112 2 48,9  | T 112A4  | 16,5                                      |
|                                     | 29,2  | 48,9             | 1241,1                                | 1,4                        | P - 112 2 48,9  | T 100BL4 | 16,5                                      |
|                                     | 29,2  | 100,4            | 1230,6                                | 2,4                        | P L 105 3 100,4 | T 112A2  | 22,0                                      |
|                                     | 29,1  | 100,4            | 1234,8                                | 2,4                        | P L 105 3 100,4 | T 100B2  | 22,0                                      |
|                                     | 28,9  | 33,6             | 1255,3                                | 2,4                        | P - 132 2 33,55 | T 132M6  | 30,0                                      |
|                                     | 28,4  | 50,7             | 1264,4                                | 2,2                        | P L 105 3 50,7  | T 112A4  | 22,0                                      |
|                                     | 28,2  | 50,7             | 1272,9                                | 2,2                        | P L 105 3 50,7  | T 100BL4 | 22,0                                      |
|                                     | 28,1  | 51,2             | 1263,5                                | 1,3                        | P - 112 3 51,2  | T 112A4  | 11,8                                      |
|                                     | 28,1  | 34,5             | 1263,4                                | 0,9                        | P L 85 3 34,5   | T 132M6  | 11,0                                      |
|                                     | 27,9  | 51,2             | 1272,0                                | 1,3                        | P - 112 3 51,2  | T 100BL4 | 11,8                                      |
|                                     | 27,6  | 35,2             | 1302,9                                | 2,3                        | P L 105 3 35,2  | T 132M6  | 22,0                                      |
|                                     | 27,1  | 53,1             | 1338,2                                | 1,6                        | P - 125 2 53,1  | T 112A4  | 21,0                                      |
|                                     | 27,0  | 108,4            | 1314,3                                | 1,1                        | P - 112 3 108,4 | T 112A2  | 11,8                                      |
|                                     | 26,9  | 108,4            | 1318,7                                | 1,1                        | P - 112 3 108,4 | T 100B2  | 11,8                                      |
|                                     | 26,9  | 53,1             | 1347,6                                | 1,6                        | P - 125 2 53,1  | T 100BL4 | 21,0                                      |
|                                     | 26,5  | 110,5            | 1354,0                                | 2,2                        | P L 105 3 110,5 | T 112A2  | 22,0                                      |
|                                     | 26,4  | 110,5            | 1358,6                                | 2,2                        | P L 105 3 110,5 | T 100B2  | 22,0                                      |
|                                     | 26,3  | 54,7             | 1349,2                                | 1,6                        | P L 95 3 54,7   | T 112A4  | 16,0                                      |
|                                     | 26,3  | 36,9             | 1381,4                                | 2,4                        | P - 132 2 36,92 | T 132M6  | 30,0                                      |
|                                     | 26,2  | 55,0             | 1371,6                                | 2,1                        | P L 105 3 55    | T 112A4  | 22,0                                      |
|                                     | 26,1  | 54,7             | 1359,0                                | 1,5                        | P L 95 3 54,7   | T 100BL4 | 16,0                                      |
|                                     | 26,0  | 55,0             | 1381,1                                | 2,1                        | P L 105 3 55    | T 100BL4 | 22,0                                      |
|                                     | 25,6  | 56,3             | 1388,9                                | 0,9                        | P L 85 3 56,3   | T 112A4  | 11,0                                      |
|                                     | 25,4  | 56,3             | 1398,6                                | 0,9                        | P L 85 3 56,3   | T 100BL4 | 11,0                                      |
|                                     | 25,4  | 38,2             | 1429,2                                | 1,8                        | P - 125 2 38,2  | T 132M6  | 21,0                                      |
|                                     | 25,3  | 116,0            | 1406,3                                | 1,5                        | P L 95 3 116    | T 112A2  | 16,0                                      |
|                                     | 25,2  | 38,5             | 1425,4                                | 2,1                        | P L 105 3 38,5  | T 132M6  | 22,0                                      |
|                                     | 25,2  | 116,0            | 1411,5                                | 1,5                        | P L 95 3 116    | T 100B2  | 16,0                                      |
|                                     | 25,1  | 38,7             | 1417,7                                | 0,9                        | P L 85 3 38,7   | T 132M6  | 11,0                                      |
|                                     | 25,0  | 57,5             | 1449,3                                | 1,5                        | P - 125 2 57,5  | T 112A4  | 21,0                                      |
|                                     | 25,0  | 117,2            | 1421,1                                | 1,1                        | P - 112 3 117,2 | T 112A2  | 11,8                                      |
|                                     | 24,9  | 38,9             | 1455,0                                | 1,3                        | P - 112 2 38,9  | T 132M6  | 16,5                                      |
|                                     | 24,9  | 117,2            | 1426,2                                | 1,1                        | P - 112 3 117,2 | T 100B2  | 11,8                                      |
|                                     | 24,9  | 57,5             | 1459,1                                | 1,5                        | P - 125 2 57,5  | T 100BL4 | 21,0                                      |
|                                     | 24,6  | 58,5             | 1443,0                                | 1,2                        | P - 112 3 58,5  | T 112A4  | 11,8                                      |
|                                     | 24,4  | 58,5             | 1453,5                                | 1,2                        | P - 112 3 58,5  | T 100BL4 | 11,8                                      |
|                                     | 24,0  | 40,5             | 1483,4                                | 1,5                        | P L 95 3 40,5   | T 132M6  | 16,0                                      |
|                                     | 23,8  | 40,7             | 1522,8                                | 1,2                        | P - 112 2 40,7  | T 132M6  | 16,5                                      |
|                                     | 23,7  | 40,9             | 1530,6                                | 2,1                        | P - 132 2 40,91 | T 132M6  | 30,0                                      |
|                                     | 23,2  | 126,1            | 1545,1                                | 2,0                        | P L 105 3 126,1 | T 112A2  | 22,0                                      |
|                                     | 23,2  | 126,1            | 1550,3                                | 2,0                        | P L 105 3 126,1 | T 100B2  | 22,0                                      |
|                                     | 23,0  | 62,7             | 1563,3                                | 1,9                        | P L 105 3 62,7  | T 112A4  | 22,0                                      |
|                                     | 23,0  | 62,7             | 1546,6                                | 1,1                        | P - 112 3 62,7  | T 112A4  | 11,8                                      |
|                                     | 22,8  | 128,3            | 1555,6                                | 1,0                        | P - 112 3 128,3 | T 112A2  | 11,8                                      |
|                                     | 22,8  | 62,7             | 1574,2                                | 1,8                        | P L 105 3 62,7  | T 100BL4 | 22,0                                      |
|                                     | 22,8  | 62,7             | 1557,6                                | 1,1                        | P - 112 3 62,7  | T 100BL4 | 11,8                                      |
|                                     | 22,8  | 128,3            | 1560,9                                | 1,0                        | P - 112 3 128,3 | T 100B2  | 11,8                                      |
|                                     | 22,7  | 42,8             | 1601,4                                | 2,9                        | P - 150 2 42,8  | T 132M6  | 38,0                                      |
|                                     | 22,3  | 64,1             | 1609,5                                | 3,0                        | P L 115 3 64,1  | T 100BL4 | 26,0                                      |
|                                     | 22,2  | 43,7             | 1600,5                                | 0,8                        | P L 85 3 43,7   | T 132M6  | 11,0                                      |
|                                     | 22,0  | 65,4             | 1613,5                                | 1,4                        | P L 95 3 65,4   | T 112A4  | 16,0                                      |
|                                     | 21,9  | 44,3             | 1657,0                                | 1,4                        | P - 125 2 44,3  | T 132M6  | 21,0                                      |
|                                     | 21,9  | 65,4             | 1624,5                                | 1,4                        | P L 95 3 65,4   | T 100BL4 | 16,0                                      |
|                                     | 21,8  | 134,4            | 1629,5                                | 1,3                        | P L 95 3 134,4  | T 112A2  | 16,0                                      |
|                                     | 21,7  | 134,4            | 1634,9                                | 1,3                        | P L 95 3 134,4  | T 100B2  | 16,0                                      |
|                                     | 21,7  | 44,7             | 1672,5                                | 1,1                        | P - 112 2 44,7  | T 132M6  | 16,5                                      |
|                                     | 21,6  | 44,9             | 1662,5                                | 1,8                        | P L 105 3 44,9  | T 132M6  | 22,0                                      |
|                                     | 21,6  | 135,8            | 1663,9                                | 2,7                        | P L 115 3 135,8 | T 112A2  | 26,0                                      |
|                                     | 21,5  | 135,8            | 1670,1                                | 2,7                        | P L 115 3 135,8 | T 100B2  | 26,0                                      |
|                                     | 21,4  | 67,4             | 1663,1                                | 1,1                        | P - 112 3 67,4  | T 112A4  | 11,8                                      |
|                                     | 21,2  | 67,4             | 1674,2                                | 1,0                        | P - 112 3 67,4  | T 100BL4 | 11,8                                      |
|                                     | 20,9  | 139,9            | 1714,8                                | 1,8                        | P L 105 3 139,9 | T 112A2  | 22,0                                      |
|                                     | 20,9  | 139,9            | 1720,6                                | 1,8                        | P L 105 3 139,9 | T 100B2  | 22,0                                      |
|                                     | 20,7  | 46,9             | 1717,9                                | 1,3                        | P L 95 3 46,9   | T 132M6  | 16,0                                      |
|                                     | 20,5  | 47,3             | 1769,3                                | 2,5                        | P - 150 2 47,3  | T 132M6  | 38,0                                      |
|                                     | 20,4  | 70,7             | 1762,9                                | 1,6                        | P L 105 3 70,7  | T 112A4  | 22,0                                      |
|                                     | 20,2  | 70,7             | 1775,1                                | 1,6                        | P L 105 3 70,7  | T 100BL4 | 22,0                                      |
|                                     | 19,8  | 48,9             | 1829,0                                | 1,0                        | P - 112 2 48,9  | T 132M6  | 16,5                                      |
|                                     | 19,8  | 72,6             | 1791,7                                | 1,0                        | P - 112 3 72,6  | T 112A4  | 11,8                                      |
|                                     | 19,8  | 148,0            | 1794,3                                | 0,8                        | P - 112 3 148   | T 112A2  | 11,8                                      |
|                                     | 19,8  | 148,2            | 1816,3                                | 2,5                        | P L 115 3 148,2 | T 112A2  | 26,0                                      |
|                                     | 19,7  | 148,0            | 1800,7                                | 0,8                        | P - 112 3 148   | T 100B2  | 11,8                                      |
|                                     | 19,7  | 148,2            | 1822,8                                | 2,5                        | P L 115 3 148,2 | T 100B2  | 26,0                                      |
|                                     | 19,7  | 72,6             | 1803,2                                | 1,0                        | P - 112 3 72,6  | T 100BL4 | 11,8                                      |
|                                     | 19,5  | 49,7             | 1839,5                                | 2,8                        | P L 115 3 49,7  | T 132M6  | 26,0                                      |
|                                     | 19,5  | 73,8             | 1840,4                                | 2,7                        | P L 115 3 73,8  | T 112A4  | 26,0                                      |
|                                     | 19,4  | 74,2             | 1830,3                                | 1,3                        | P L 95 3 74,2   | T 112A4  | 16,0                                      |
|                                     | 19,4  | 73,8             | 1852,9                                | 2,7                        | P L 115 3 73,8  | T 100BL4 | 26,0                                      |
|                                     | 19,3  | 151,5            | 1777,8                                | 1,8                        | P E 125 151,48  | T 112A2  | 10,5                                      |
|                                     | 19,3  | 151,5            | 1783,2                                | 1,8                        | P E 125 151,48  | T 100B2  | 10,5                                      |
|                                     | 19,3  | 74,2             | 1843,7                                | 1,3                        | P L 95 3 74,2   | T 100BL4 | 16,0                                      |
|                                     | 19,1  | 50,7             | 1877,2                                | 1,6                        | P L 105 3 50,7  | T 132M6  | 22,0                                      |
|                                     | 19,0  | 153,9            | 1885,8                                | 1,6                        | P L 105 3 153,9 | T 112A2  | 22,0                                      |

4



E





HIGH TECH line Motion



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  |  | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 19.0  | 153.9            | 1893.0                                | 1.6                        | P L 105 3 153.9   | T 100B2   | 22.0                                      |
|                                     | 18.5  | 158.6            | 1860.5                                | 1.9                        | P E 132 158.56  | T 112A2   | 12.0                                      |
|                                     | 18.4  | 158.9            | 1926.6                                | 1.1                        | P L 95 3 158.9  | T 112A2   | 16.0                                      |
|                                     | 18.4  | 158.6            | 1866.4                                | 1.9                        | P E 132 158.56  | T 100B2   | 12.0                                      |
|                                     | 18.4  | 158.9            | 1932.8                                | 1.1                        | P L 95 3 158.9  | T 100B2   | 16.0                                      |
|                                     | 18.3  | 78.5             | 1936.9                                | 0.9                        | P - 112 3 78.5  | T 112A4   | 11.8                                      |
|                                     | 18.3  | 53.1             | 1986.4                                | 1.2                        | P - 125 2 53.1  | T 132M6   | 21.0                                      |
|                                     | 18.2  | 78.5             | 1949.9                                | 0.9                        | P - 112 3 78.5  | T 100BL4  | 11.8                                      |
|                                     | 18.1  | 79.8             | 1989.4                                | 1.5                        | P L 105 3 79.8  | T 112A4   | 22.0                                      |
|                                     | 18.0  | 163.1            | 1999.3                                | 2.3                        | P L 115 3 163.1   | T 112A2   | 26.0                                      |
|                                     | 17.9  | 79.8             | 2003.7                                | 1.5                        | P L 105 3 79.8  | T 100BL4  | 22.0                                      |
|                                     | 17.9  | 163.1            | 2006.0                                | 2.2                        | P L 115 3 163.1   | T 100B2   | 26.0                                      |
|                                     | 17.9  | 54.3             | 2010.5                                | 2.7                        | P L 115 3 54.3  | T 132M6   | 26.0                                      |
|                                     | 17.7  | 54.7             | 2003.5                                | 1.1                        | P L 95 3 54.7   | T 132M6   | 16.0                                      |
|                                     | 17.7  | 81.3             | 2027.6                                | 2.5                        | P L 115 3 81.3  | T 112A4   | 26.0                                      |
|                                     | 17.6  | 55.0             | 2035.4                                | 1.6                        | P L 105 3 55  | T 132M6   | 22.0                                      |
|                                     | 17.6  | 81.3             | 2041.4                                | 2.4                        | P L 115 3 81.3  | T 100BL4  | 26.0                                      |
|                                     | 17.3  | 169.2            | 2073.1                                | 1.5                        | P L 105 3 169.2   | T 112A2   | 22.0                                      |
|                                     | 17.3  | 169.2            | 2080.6                                | 1.5                        | P L 105 3 169.2   | T 100B2   | 22.0                                      |
|                                     | 16.9  | 173.5            | 2035.5                                | 1.7                        | P E 132 173.51  | T 112A2   | 12.0                                      |
|                                     | 16.9  | 57.5             | 2150.9                                | 1.1                        | P - 125 2 57.5  | T 132M6   | 21.0                                      |
|                                     | 16.8  | 173.5            | 2042.9                                | 1.7                        | P E 132 173.51  | T 100B2   | 12.0                                      |
|                                     | 16.7  | 86.0             | 2122.0                                | 1.1                        | P L 95 3 86   | T 112A4   | 16.0                                      |
|                                     | 16.6  | 86.0             | 2136.2                                | 1.1                        | P L 95 3 86   | T 100BL4  | 16.0                                      |
|                                     | 16.5  | 87.2             | 2174.9                                | 2.3                        | P L 115 3 87.2  | T 112A4   | 26.0                                      |
|                                     | 16.5  | 87.3             | 2154.5                                | 0.8                        | P - 112 3 87.3  | T 112A4   | 11.8                                      |
|                                     | 16.5  | 87.4             | 2178.9                                | 1.4                        | P L 105 3 87.4  | T 112A4   | 22.0                                      |
|                                     | 16.4  | 87.2             | 2189.5                                | 2.2                        | P L 115 3 87.2  | T 100BL4  | 26.0                                      |
|                                     | 16.4  | 87.3             | 2169.2                                | 0.8                        | P - 112 3 87.3  | T 100BL4  | 11.8                                      |
|                                     | 16.4  | 87.4             | 2194.7                                | 1.4                        | P L 105 3 87.4  | T 100BL4  | 22.0                                      |
|                                     | 16.3  | 59.7             | 2209.6                                | 2.5                        | P L 115 3 59.7  | T 132M6   | 26.0                                      |
|                                     | 15.9  | 90.6             | 2259.9                                | 1.4                        | P L 105 3 90.6  | T 112A4   | 22.0                                      |
|                                     | 15.8  | 185.2            | 2269.9                                | 1.4                        | P L 105 3 185.2   | T 112A2   | 22.0                                      |
|                                     | 15.8  | 185.6            | 2178.7                                | 1.5                        | P E 125 185.62  | T 112A2   | 10.5                                      |
|                                     | 15.8  | 90.6             | 2275.6                                | 1.4                        | P L 105 3 90.6  | T 100BL4  | 22.0                                      |
|                                     | 15.8  | 185.2            | 2276.8                                | 1.4                        | P L 105 3 185.2   | T 100B2   | 22.0                                      |
|                                     | 15.7  | 185.6            | 2185.8                                | 1.5                        | P E 125 185.62  | T 100B2   | 10.5                                      |
|                                     | 15.7  | 187.1            | 2268.4                                | 0.9                        | P L 95 3 187.1  | T 112A2   | 16.0                                      |
|                                     | 15.6  | 187.1            | 2275.8                                | 0.9                        | P L 95 3 187.1  | T 100B2   | 16.0                                      |
|                                     | 15.5  | 189.1            | 2318.2                                | 2.9                        | P L 125 3 189.1   | T 112A2   | 33.0                                      |
|                                     | 15.5  | 62.7             | 2321.2                                | 1.4                        | P L 105 3 62.7  | T 132M6   | 22.0                                      |
|                                     | 15.4  | 189.1            | 2325.6                                | 2.9                        | P L 125 3 189.1   | T 100B2   | 33.0                                      |
|                                     | 15.4  | 190.3            | 2331.6                                | 1.9                        | P L 115 3 190.3   | T 112A2   | 26.0                                      |
|                                     | 15.3  | 190.3            | 2340.7                                | 1.9                        | P L 115 3 190.3   | T 100B2   | 26.0                                      |
|                                     | 15.3  | 191.0            | 2241.1                                | 1.6                        | P E 132 190.95  | T 112A2   | 12.0                                      |
|                                     | 15.3  | 191.0            | 2248.6                                | 1.6                        | P E 132 190.95  | T 100B2   | 12.0                                      |
|                                     | 15.1  | 64.1             | 2373.2                                | 2.2                        | P L 115 3 64.1  | T 132M6   | 26.0                                      |
|                                     | 14.8  | 65.4             | 2395.4                                | 1.0                        | P L 95 3 65.4   | T 132M6   | 16.0                                      |
|                                     | 14.7  | 199.5            | 2418.7                                | 0.9                        | P L 95 3 199.5  | T 112A2   | 16.0                                      |
|                                     | 14.6  | 199.5            | 2426.3                                | 0.9                        | P L 95 3 199.5  | T 100B2   | 16.0                                      |
|                                     | 14.6  | 98.4             | 2428.5                                | 1.0                        | P L 95 3 98.4   | T 112A4   | 16.0                                      |
|                                     | 14.5  | 98.4             | 2445.2                                | 1.0                        | P L 95 3 98.4   | T 100BL4  | 16.0                                      |
|                                     | 14.3  | 100.4            | 2504.3                                | 1.3                        | P L 105 3 100.4   | T 112A4   | 22.0                                      |
|                                     | 14.2  | 100.4            | 2521.5                                | 1.3                        | P L 105 3 100.4   | T 100BL4  | 22.0                                      |
|                                     | 13.9  | 210.3            | 2577.7                                | 1.7                        | P L 115 3 210.3   | T 112A2   | 26.0                                      |
|                                     | 13.9  | 210.3            | 2587.0                                | 1.7                        | P L 115 3 210.3   | T 100B2   | 26.0                                      |
|                                     | 13.9  | 103.9            | 2590.9                                | 1.9                        | P L 115 3 103.9   | T 112A4   | 26.0                                      |
|                                     | 13.8  | 212.6            | 2495.1                                | 1.4                        | P E 132 212.62  | T 112A2   | 12.0                                      |
|                                     | 13.8  | 103.9            | 2609.5                                | 1.9                        | P L 115 3 103.9   | T 100BL4  | 26.0                                      |
|                                     | 13.7  | 212.6            | 2504.0                                | 1.4                        | P E 132 212.62  | T 100B2   | 12.0                                      |
|                                     | 13.7  | 70.7             | 2616.9                                | 1.2                        | P L 105 3 70.7  | T 132M6   | 22.0                                      |
|                                     | 13.6  | 106.2            | 2648.1                                | 2.8                        | P L 125 3 106.2   | T 112A4   | 33.0                                      |
|                                     | 13.5  | 216.6            | 2540.9                                | 2.1                        | P E 150 216.61  | T 112A2   | 16.0                                      |
|                                     | 13.5  | 216.6            | 2550.5                                | 2.1                        | P E 150 216.61  | T 100B2   | 16.0                                      |
|                                     | 13.5  | 106.2            | 2665.7                                | 2.8                        | P L 125 3 106.2   | T 100BL4  | 33.0                                      |
|                                     | 13.1  | 73.8             | 2732.6                                | 2.0                        | P L 115 3 73.8  | T 132M6   | 26.0                                      |
|                                     | 13.1  | 74.2             | 2718.0                                | 0.9                        | P L 95 3 74.2   | T 132M6   | 16.0                                      |
|                                     | 13.0  | 110.5            | 2755.7                                | 1.2                        | P L 105 3 110.5   | T 112A4   | 22.0                                      |
|                                     | 12.9  | 110.5            | 2774.9                                | 1.2                        | P L 105 3 110.5   | T 100BL4  | 22.0                                      |
|                                     | 12.9  | 227.3            | 2667.2                                | 1.2                        | P E 125 227.28  | T 112A2   | 10.5                                      |
|                                     | 12.9  | 227.3            | 2675.6                                | 1.2                        | P E 125 227.28  | T 100B2   | 10.5                                      |
|                                     | 12.8  | 75.7             | 2803.2                                | 2.9                        | P L 125 3 75.7  | T 132M6   | 33.0                                      |
|                                     | 12.8  | 229.4            | 2812.1                                | 1.6                        | P L 115 3 229.4   | T 112A2   | 26.0                                      |
|                                     | 12.7  | 229.4            | 2820.9                                | 1.6                        | P L 115 3 229.4   | T 100B2   | 26.0                                      |
|                                     | 12.6  | 114.3            | 2849.8                                | 1.8                        | P L 115 3 114.3   | T 112A4   | 26.0                                      |
|                                     | 12.5  | 234.0            | 2746.2                                | 1.3                        | P E 132 234   | T 112A2   | 12.0                                      |
|                                     | 12.5  | 114.3            | 2870.3                                | 1.7                        | P L 115 3 114.3   | T 100BL4  | 26.0                                      |
|                                     | 12.5  | 234.0            | 2754.8                                | 1.3                        | P E 132 234   | T 100B2   | 12.0                                      |
|                                     | 12.4  | 116.0            | 2863.1                                | 0.8                        | P L 95 3 116  | T 112A4   | 16.0                                      |
|                                     | 12.4  | 116.3            | 2900.5                                | 2.6                        | P L 125 3 116.3   | T 112A4   | 33.0                                      |
|                                     | 12.3  | 116.0            | 2881.2                                | 0.8                        | P L 95 3 116  | T 100BL4  | 16.0                                      |
|                                     | 12.3  | 116.3            | 2919.4                                | 2.6                        | P L 125 3 116.3   | T 100BL4  | 33.0                                      |
|                                     | 12.2  | 79.8             | 2953.2                                | 1.1                        | P L 105 3 79.8  | T 132M6   | 22.0                                      |
|                                     | 12.0  | 81.0             | 2997.3                                | 2.7                        | P L 125 3 81  | T 132M6   | 33.0                                      |
|                                     | 11.9  | 81.3             | 3009.8                                | 1.8                        | P L 115 3 81.3  | T 132M6   | 26.0                                      |
|                                     | 11.9  | 121.2            | 3022.5                                | 1.7                        | P L 115 3 121.2   | T 112A4   | 26.0                                      |
|                                     | 11.9  | 246.9            | 2896.5                                | 2.8                        | P E 170 246.94  | T 112A2   | 21.0                                      |
|                                     | 11.8  | 246.9            | 2908.7                                | 2.8                        | P E 170 246.94  | T 100B2   | 21.0                                      |
|                                     | 11.8  | 121.2            | 3043.2                                | 1.6                        | P L 115 3 121.2   | T 100BL4  | 26.0                                      |
|                                     | 11.7  | 251.2            | 2945.9                                | 1.1                        | P E 125 251.17  | T 112A2   | 10.5                                      |
|                                     | 11.6  | 251.2            | 2956.1                                | 1.1                        | P E 125 251.17  | T 100B2   | 10.5                                      |
|                                     | 11.4  | 126.1            | 3144.5                                | 1.1                        | P L 105 3 126.1   | T 112A4   | 22.0                                      |
|                                     | 11.3  | 126.1            | 3166.5                                | 1.1                        | P L 105 3 126.1   | T 100BL4  | 22.0                                      |
|                                     | 11.3  | 127.9            | 3189.1                                | 2.4                        | P L 125 3 127.9   | T 112A4   | 33.0                                      |
|                                     | 11.3  | 260.3            | 3056.1                                | 1.1                        | P E 132 260.34  | T 112A2   | 12.0                                      |

4

E122

CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------|----------------------------|----------|--------|---|
| 11,2                                | 260,3   | 3064,1           | 1,1                       | P E 132 260,34             | T 100B2  | 12,0   |   |
| 11,2                                | 127,9   | 3211,6           | 2,3                       | P L 125 3 127,9            | T 100BL4 | 33,0   |   |
| 11,1                                | 87,2  | 3229,0           | 1,7                       | P L 115 3 87,2             | T 132M6  | 26,0   |   |
| 11,1                                | 87,4  | 3235,3           | 1,0                       | P L 105 3 87,4             | T 132M6  | 22,0   |   |
| 11,0                                | 265,4   | 3114,2           | 1,7                       | P E 150 265,44             | T 112A2  | 16,0   |   |
| 11,0                                | 265,4   | 3125,5           | 1,7                       | P E 150 265,44             | T 100B2  | 16,0   |   |
| 11,0                                | 88,3  | 3267,5           | 2,5                       | P L 125 3 88,3             | T 132M6  | 33,0   |   |
| 11,0                                | 267,7   | 3279,3           | 1,4                       | P L 115 3 267,7            | T 112A2  | 26,0   |   |
| 10,9                                | 267,7   | 3291,3           | 1,4                       | P L 115 3 267,7            | T 100B2  | 26,0   |   |
| 10,9                                | 268,8   | 3154,2           | 2,6                       | P E 170 268,78             | T 112A2  | 21,0   |   |
| 10,9                                | 268,8   | 3165,6           | 2,6                       | P E 170 268,78             | T 100B2  | 21,0   |   |
| 10,7                                | 90,6  | 3352,4           | 1,0                       | P L 105 3 90,6             | T 132M6  | 22,0   |   |
| 10,7                                | 273,5   | 3210,3           | 0,9                       | P E 125 273,48             | T 112A2  | 10,5   |   |
| 10,7                                | 273,5   | 3218,9           | 0,9                       | P E 125 273,48             | T 100B2  | 10,5   |   |
| 10,6                                | 135,8   | 3387,5           | 1,5                       | P L 115 3 135,8            | T 112A4  | 26,0   |   |
| 10,5                                | 135,8   | 3410,1           | 1,5                       | P L 115 3 135,8            | T 100BL4 | 26,0   |   |
| 10,4                                | 280,9   | 3296,2           | 1,6                       | P E 150 280,94             | T 112A2  | 16,0   |   |
| 10,4                                | 280,9   | 3308,8           | 1,6                       | P E 150 280,94             | T 100B2  | 16,0   |   |
| 10,3                                | 139,9   | 3489,9           | 1,0                       | P L 105 3 139,9            | T 112A4  | 22,0   |   |
| 10,2                                | 286,5   | 3360,5           | 1,0                       | P E 132 286,51             | T 112A2  | 12,0   |   |
| 10,2                                | 139,9   | 3513,3           | 1,0                       | P L 105 3 139,9            | T 100BL4 | 22,0   |   |
| 10,2                                | 286,5   | 3373,5           | 1,0                       | P E 132 286,51             | T 100B2  | 12,0   |   |
| 10,2                                | 141,7   | 3534,4           | 2,1                       | P L 125 3 141,7            | T 112A4  | 33,0   |   |
| 10,1                                | 290,0   | 3555,2           | 1,3                       | P L 115 3 290              | T 112A2  | 26,0   |   |
| 10,1                                | 141,7   | 3558,7           | 2,1                       | P L 125 3 141,7            | T 100BL4 | 33,0   |   |
| 10,1                                | 290,0   | 3565,8           | 1,3                       | P L 115 3 290              | T 100B2  | 26,0   |   |
| 9,9                                 | 97,6  | 3612,5           | 2,3                       | P L 125 3 97,6             | T 132M6  | 33,0   |   |
| 9,7                                 | 148,2   | 3694,1           | 1,4                       | P L 115 3 148,2            | T 112A4  | 26,0   |   |
| 9,7                                 | 302,0   | 3544,5           | 2,3                       | P E 170 301,96             | T 112A2  | 21,0   |   |
| 9,7                                 | 302,0   | 3555,4           | 2,3                       | P E 170 301,96             | T 100B2  | 21,0   |   |
| 9,7                                 | 100,4   | 3717,5           | 1,0                       | P L 105 3 100,4            | T 132M6  | 22,0   |   |
| 9,7                                 | 148,2   | 3720,9           | 1,3                       | P L 115 3 148,2            | T 100BL4 | 26,0   |   |
| 9,5                                 | 307,7   | 3611,7           | 0,9                       | P E 125 307,71             | T 112A2  | 10,5   |   |
| 9,5                                 | 151,5   | 3614,8           | 1,0                       | P E 125 151,48             | T 112A4  | 10,5   |   |
| 9,5                                 | 307,7   | 3623,0           | 0,9                       | P E 125 307,71             | T 100B2  | 10,5   |   |
| 9,4                                 | 310,5   | 3641,9           | 1,5                       | P E 150 310,47             | T 112A2  | 16,0   |   |
| 9,4                                 | 151,5   | 3642,0           | 1,0                       | P E 125 151,48             | T 100BL4 | 10,5   |   |
| 9,4                                 | 310,5   | 3653,6           | 1,5                       | P E 150 310,47             | T 100B2  | 16,0   |   |
| 9,4                                 | 153,9   | 3836,5           | 0,9                       | P L 105 3 153,9            | T 112A4  | 22,0   |   |
| 9,3                                 | 103,9   | 3844,4           | 1,4                       | P L 115 3 103,9            | T 132M6  | 26,0   |   |
| 9,3                                 | 153,9   | 3865,5           | 0,9                       | P L 105 3 153,9            | T 100BL4 | 22,0   |   |
| 9,3                                 | 155,1   | 3869,5           | 1,9                       | P L 125 3 155,1            | T 112A4  | 33,0   |   |
| 9,3                                 | 316,6   | 3716,5           | 0,9                       | P E 132 316,62             | T 112A2  | 12,0   |   |
| 9,2                                 | 155,1   | 3894,6           | 1,9                       | P L 125 3 155,1            | T 100BL4 | 33,0   |   |
| 9,2                                 | 316,6   | 3728,4           | 0,9                       | P E 132 316,62             | T 100B2  | 12,0   |   |
| 9,1                                 | 106,2   | 3933,1           | 2,1                       | P L 125 3 106,2            | T 132M6  | 33,0   |   |
| 9,1                                 | 158,6   | 3786,1           | 1,1                       | P E 132 158,56             | T 112A4  | 12,0   |   |
| 9,0                                 | 325,0   | 3811,5           | 1,4                       | P E 150 325                | T 112A2  | 16,0   |   |
| 9,0                                 | 158,6   | 3811,3           | 1,1                       | P E 132 158,56             | T 100BL4 | 12,0   |   |
| 9,0                                 | 325,0   | 3828,4           | 1,4                       | P E 150 325                | T 100B2  | 16,0   |   |
| 8,9                                 | 329,4   | 3867,2           | 3,0                       | P E 190 329,43             | T 112A2  | 27,0   |   |
| 8,9                                 | 329,4   | 3880,2           | 3,0                       | P E 190 329,43             | T 100B2  | 27,0   |   |
| 8,9                                 | 330,6   | 3880,2           | 2,1                       | P E 170 330,6              | T 112A2  | 21,0   |   |
| 8,8                                 | 330,6   | 3893,8           | 2,1                       | P E 170 330,6              | T 100B2  | 21,0   |   |
| 8,8                                 | 163,1   | 4066,7           | 1,2                       | P L 115 3 163,1            | T 112A4  | 26,0   |   |
| 8,8                                 | 110,1   | 4075,9           | 2,8                       | P L 135 3 110,1            | T 132M6  | 40,0   |   |
| 8,8                                 | 110,5   | 4089,9           | 0,9                       | P L 105 3 110,5            | T 132M6  | 22,0   |   |
| 8,8                                 | 163,1   | 4094,2           | 1,2                       | P L 115 3 163,1            | T 100BL4 | 26,0   |   |
| 8,5                                 | 169,2   | 4219,4           | 0,8                       | P L 105 3 169,2            | T 112A4  | 22,0   |   |
| 8,5                                 | 114,3   | 4229,2           | 1,3                       | P L 115 3 114,3            | T 132M6  | 26,0   |   |
| 8,5                                 | 169,2   | 4248,9           | 0,8                       | P L 105 3 169,2            | T 100BL4 | 22,0   |   |
| 8,4                                 | 347,4   | 4073,3           | 2,8                       | P E 190 347,35             | T 112A2  | 27,0   |   |
| 8,4                                 | 170,7   | 4254,7           | 1,8                       | P L 125 3 170,7            | T 112A4  | 33,0   |   |
| 8,4                                 | 347,4   | 4088,2           | 2,8                       | P E 190 347,35             | T 100B2  | 27,0   |   |
| 8,4                                 | 170,7   | 4285,1           | 1,8                       | P L 125 3 170,7            | T 100BL4 | 33,0   |   |
| 8,3                                 | 116,3   | 4305,8           | 1,9                       | P L 125 3 116,3            | T 132M6  | 33,0   |   |
| 8,3                                 | 352,5   | 4137,1           | 0,8                       | P E 132 352,46             | T 112A2  | 12,0   |   |
| 8,3                                 | 173,5   | 4141,9           | 1,0                       | P E 132 173,51             | T 112A4  | 12,0   |   |
| 8,3                                 | 352,5   | 4151,8           | 0,8                       | P E 132 352,46             | T 100B2  | 12,0   |   |
| 8,2                                 | 173,5   | 4172,1           | 1,0                       | P E 132 173,51             | T 100BL4 | 12,0   |   |
| 8,2                                 | 357,1   | 4192,9           | 2,7                       | P E 190 357,1              | T 112A2  | 27,0   |   |
| 8,2                                 | 357,1   | 4192,5           | 1,9                       | P E 170 357,1              | T 112A2  | 21,0   |   |
| 8,2                                 | 357,1   | 4202,8           | 2,7                       | P E 190 357,1              | T 100B2  | 27,0   |   |
| 8,2                                 | 357,1   | 4202,9           | 1,9                       | P E 170 357,1              | T 100B2  | 21,0   |   |
| 8,2                                 | 359,2   | 4213,0           | 1,3                       | P E 150 359,17             | T 112A2  | 16,0   |   |
| 8,1                                 | 359,2   | 4228,7           | 1,3                       | P E 150 359,17             | T 100B2  | 16,0   |   |
| 8,0                                 | 121,2   | 4488,0           | 1,2                       | P L 115 3 121,2            | T 132M6  | 26,0   |   |
| 8,0                                 | 121,8   | 4510,9           | 2,5                       | P L 135 3 121,8            | T 132M6  | 40,0   |   |
| 7,9                                 | 182,2   | 4352,0           | 2,9                       | P E 190 182,17             | T 112A4  | 27,0   |   |
| 7,9                                 | 182,2   | 4379,4           | 2,9                       | P E 190 182,17             | T 100BL4 | 27,0   |   |
| 7,8                                 | 377,5   | 4430,5           | 1,8                       | P E 170 377,45             | T 112A2  | 21,0   |   |
| 7,7                                 | 377,5   | 4442,0           | 1,8                       | P E 170 377,45             | T 100B2  | 21,0   |   |
| 7,7                                 | 380,8   | 4471,1           | 1,2                       | P E 150 380,82             | T 112A2  | 16,0   |   |
| 7,7                                 | 380,8   | 4482,3           | 1,2                       | P E 150 380,82             | T 100B2  | 16,0   |   |
| 7,6                                 | 189,1   | 4712,5           | 1,6                       | P L 125 3 189,1            | T 112A4  | 33,0   |   |
| 7,6                                 | 127,9   | 4737,2           | 1,7                       | P L 125 3 127,9            | T 132M6  | 33,0   |   |
| 7,6                                 | 190,3   | 4743,8           | 1,1                       | P L 115 3 190,3            | T 112A4  | 26,0   |   |
| 7,6                                 | 189,1   | 4749,8           | 1,6                       | P L 125 3 189,1            | T 100BL4 | 33,0   |   |
| 7,5                                 | 191,0   | 4559,7           | 0,9                       | P E 132 190,95             | T 112A4  | 12,0   |   |
| 7,5                                 | 388,9   | 4565,8           | 2,5                       | P E 190 388,88             | T 112A2  | 27,0   |   |
| 7,5                                 | 388,9   | 4578,0           | 2,5                       | P E 190 388,88             | T 100B2  | 27,0   |   |
| 7,5                                 | 190,3   | 4781,3           | 1,0                       | P L 115 3 190,3            | T 100BL4 | 26,0   |   |
| 7,5                                 | 191,0   | 4589,8           | 0,9                       | P E 132 190,95             | T 100BL4 | 12,0   |   |
| 7,2                                 | 134,1   | 4966,6           | 2,3                       | P L 135 3 134,1            | T 132M6  | 40,0   |   |
| 7,2                                 | 409,3   | 4801,4           | 1,7                       | P E 170 409,33             | T 112A2  | 21,0   |   |

4

E



HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
|                                     | 7.1   | 135.8            | 5029.1                                | 1.1                        | P L 115 3 135.8   | T 132M6   | 26.0                                      |
|                                     | 7.1   | 409.3            | 4822.1                                | 1.7                        | P E 170 409.33  | T 100B2   | 21.0                                      |
|                                     | 7.0   | 420.9            | 4939.4                                | 1.1                        | P E 150 420.86  | T 112A2   | 16.0                                      |
|                                     | 6.9   | 420.9            | 4954.1                                | 1.1                        | P E 150 420.86  | T 100B2   | 16.0                                      |
|                                     | 6.9   | 140.1            | 5189.2                                | 2.2                        | P L 135 3 140.1   | T 132M6   | 40.0                                      |
|                                     | 6.9   | 425.6            | 4989.7                                | 2.3                        | P E 190 425.55  | T 112A2   | 27.0                                      |
|                                     | 6.9   | 425.6            | 5011.4                                | 2.3                        | P E 190 425.55  | T 100B2   | 27.0                                      |
|                                     | 6.9   | 141.7            | 5242.0                                | 1.6                        | P L 125 3 141.7   | T 132M6   | 33.0                                      |
|                                     | 6.9   | 210.3            | 5242.5                                | 1.0                        | P L 115 3 210.3   | T 112A4   | 26.0                                      |
|                                     | 6.8   | 210.7            | 5033.7                                | 2.5                        | P E 190 210.74  | T 112A4   | 27.0                                      |
|                                     | 6.8   | 210.3            | 5281.2                                | 0.9                        | P L 115 3 210.3   | T 100BL4  | 26.0                                      |
|                                     | 6.8   | 210.7            | 5063.3                                | 2.5                        | P E 190 210.74  | T 100BL4  | 27.0                                      |
|                                     | 6.7   | 215.0            | 5131.1                                | 1.8                        | P E 170 215.02  | T 112A4   | 21.0                                      |
|                                     | 6.7   | 215.0            | 5170.2                                | 1.7                        | P E 170 215.02  | T 100BL4  | 21.0                                      |
|                                     | 6.7   | 216.6            | 5170.2                                | 1.2                        | P E 150 216.61  | T 112A4   | 16.0                                      |
|                                     | 6.6   | 216.6            | 5209.5                                | 1.2                        | P E 150 216.61  | T 100BL4  | 16.0                                      |
|                                     | 6.6   | 445.6            | 5225.0                                | 1.6                        | P E 170 445.6   | T 112A2   | 21.0                                      |
|                                     | 6.6   | 445.6            | 5248.7                                | 1.5                        | P E 170 445.6   | T 100B2   | 21.0                                      |
|                                     | 6.6   | 148.2            | 5482.4                                | 1.0                        | P L 115 3 148.2   | T 132M6   | 26.0                                      |
|                                     | 6.5   | 448.2            | 5257.1                                | 2.2                        | P E 190 448.15  | T 112A2   | 27.0                                      |
|                                     | 6.5   | 448.2            | 5272.8                                | 2.2                        | P E 190 448.15  | T 100B2   | 27.0                                      |
|                                     | 6.4   | 458.3            | 5379.8                                | 1.0                        | P E 150 458.31  | T 112A2   | 16.0                                      |
|                                     | 6.4   | 458.3            | 5397.3                                | 1.0                        | P E 150 458.31  | T 100B2   | 16.0                                      |
|                                     | 6.3   | 153.3            | 5672.5                                | 2.0                        | P L 135 3 153.3   | T 132M6   | 40.0                                      |
|                                     | 6.3   | 229.4            | 5717.6                                | 0.9                        | P L 115 3 229.4   | T 112A4   | 26.0                                      |
|                                     | 6.3   | 155.1            | 5745.3                                | 1.4                        | P L 125 3 155.1   | T 132M6   | 33.0                                      |
|                                     | 6.2   | 229.4            | 5763.7                                | 0.9                        | P L 115 3 229.4   | T 100BL4  | 26.0                                      |
|                                     | 6.1   | 483.2            | 5673.4                                | 2.0                        | P E 190 483.23  | T 112A2   | 27.0                                      |
|                                     | 6.1   | 483.2            | 5673.3                                | 1.4                        | P E 170 483.23  | T 112A2   | 21.0                                      |
|                                     | 6.0   | 483.2            | 5692.4                                | 2.0                        | P E 190 483.23  | T 100B2   | 27.0                                      |
|                                     | 6.0   | 483.2            | 5692.2                                | 1.4                        | P E 170 483.23  | T 100B2   | 21.0                                      |
|                                     | 6.0   | 163.1            | 6035.5                                | 0.9                        | P L 115 3 163.1   | T 132M6   | 26.0                                      |
|                                     | 5.8   | 501.5            | 5887.2                                | 0.9                        | P E 150 501.52  | T 112A2   | 16.0                                      |
|                                     | 5.8   | 246.9            | 5896.9                                | 2.1                        | P E 190 246.94  | T 112A4   | 27.0                                      |
|                                     | 5.8   | 246.9            | 5896.8                                | 1.5                        | P E 170 246.94  | T 112A4   | 21.0                                      |
|                                     | 5.8   | 501.5            | 5906.5                                | 0.9                        | P E 150 501.52  | T 100B2   | 16.0                                      |
|                                     | 5.8   | 246.9            | 5937.5                                | 2.1                        | P E 190 246.94  | T 100BL4  | 27.0                                      |
|                                     | 5.8   | 246.9            | 5937.7                                | 1.5                        | P E 170 246.94  | T 100BL4  | 21.0                                      |
|                                     | 5.8   | 168.7            | 6245.0                                | 1.8                        | P L 135 3 168.7   | T 132M6   | 40.0                                      |
|                                     | 5.7   | 170.7            | 6322.4                                | 1.3                        | P L 125 3 170.7   | T 132M6   | 33.0                                      |
|                                     | 5.6   | 520.0            | 6106.3                                | 1.3                        | P E 170 520.04  | T 112A2   | 21.0                                      |
|                                     | 5.6   | 520.0            | 6128.2                                | 1.3                        | P E 170 520.04  | T 100B2   | 21.0                                      |
|                                     | 5.6   | 526.2            | 6172.0                                | 1.9                        | P E 190 526.24  | T 112A2   | 27.0                                      |
|                                     | 5.6   | 526.2            | 6194.5                                | 1.9                        | P E 190 526.24  | T 100B2   | 27.0                                      |
|                                     | 5.4   | 265.4            | 6342.5                                | 0.9                        | P E 150 265.44  | T 112A4   | 16.0                                      |
|                                     | 5.4   | 265.4            | 6377.9                                | 0.9                        | P E 150 265.44  | T 100BL4  | 16.0                                      |
|                                     | 5.4   | 268.8            | 6413.7                                | 1.4                        | P E 170 268.78  | T 112A4   | 21.0                                      |
|                                     | 5.4   | 268.9            | 6425.9                                | 1.9                        | P E 190 268.91  | T 112A4   | 27.0                                      |
|                                     | 5.3   | 549.0            | 6438.2                                | 0.8                        | P E 150 548.95  | T 112A2   | 16.0                                      |
|                                     | 5.3   | 268.9            | 6462.5                                | 1.9                        | P E 190 268.91  | T 100BL4  | 27.0                                      |
|                                     | 5.3   | 182.2            | 6462.5                                | 1.9                        | P E 190 182.17  | T 132M6   | 27.0                                      |
|                                     | 5.3   | 268.8            | 6462.0                                | 1.4                        | P E 170 268.78  | T 100BL4  | 21.0                                      |
|                                     | 5.3   | 549.0            | 6463.2                                | 0.8                        | P E 150 548.95  | T 100B2   | 16.0                                      |
|                                     | 5.3   | 183.7            | 6800.3                                | 1.7                        | P L 135 3 183.7   | T 132M6   | 40.0                                      |
|                                     | 5.2   | 559.2            | 6561.4                                | 1.2                        | P E 170 559.19  | T 112A2   | 21.0                                      |
|                                     | 5.2   | 559.2            | 6586.7                                | 1.2                        | P E 170 559.19  | T 100B2   | 21.0                                      |
|                                     | 5.1   | 189.1            | 6999.8                                | 1.2                        | P L 125 3 189.1   | T 132M6   | 33.0                                      |
|                                     | 5.1   | 280.9            | 6702.0                                | 0.9                        | P E 150 280.94  | T 112A4   | 16.0                                      |
|                                     | 5.1   | 575.9            | 6754.8                                | 1.7                        | P E 190 575.86  | T 112A2   | 27.0                                      |
|                                     | 5.1   | 280.9            | 6754.9                                | 0.9                        | P E 150 280.94  | T 100BL4  | 16.0                                      |
|                                     | 5.1   | 575.9            | 6780.7                                | 1.7                        | P E 190 575.86  | T 100B2   | 27.0                                      |
|                                     | 4.9   | 291.5            | 6959.9                                | 1.8                        | P E 190 291.48  | T 112A4   | 27.0                                      |
|                                     | 4.9   | 291.5            | 7001.8                                | 1.8                        | P E 190 291.48  | T 100BL4  | 27.0                                      |
|                                     | 4.8   | 606.4            | 7118.5                                | 1.6                        | P E 190 606.41  | T 112A2   | 27.0                                      |
|                                     | 4.8   | 201.0            | 7434.9                                | 1.5                        | P L 135 3 201   | T 132M6   | 40.0                                      |
|                                     | 4.8   | 606.4            | 7117.8                                | 1.1                        | P E 170 606.41  | T 112A2   | 21.0                                      |
|                                     | 4.8   | 606.4            | 7132.9                                | 1.6                        | P E 190 606.41  | T 100B2   | 27.0                                      |
|                                     | 4.8   | 606.4            | 7133.4                                | 1.1                        | P E 170 606.41  | T 100B2   | 21.0                                      |
|                                     | 4.8   | 302.0            | 7207.2                                | 1.2                        | P E 170 301.96  | T 112A4   | 21.0                                      |
|                                     | 4.8   | 302.5            | 7222.3                                | 1.7                        | P E 190 302.51  | T 112A4   | 27.0                                      |
|                                     | 4.7   | 302.0            | 7253.7                                | 1.2                        | P E 170 301.96  | T 100BL4  | 21.0                                      |
|                                     | 4.7   | 302.5            | 7268.5                                | 1.7                        | P E 190 302.51  | T 100BL4  | 27.0                                      |
|                                     | 4.6   | 310.5            | 7409.7                                | 0.8                        | P E 150 310.47  | T 112A4   | 16.0                                      |
|                                     | 4.6   | 310.5            | 7458.0                                | 0.8                        | P E 150 310.47  | T 100BL4  | 16.0                                      |
|                                     | 4.6   | 210.7            | 7473.8                                | 1.7                        | P E 190 210.74  | T 132M6   | 27.0                                      |
|                                     | 4.5   | 317.4            | 7572.3                                | 1.7                        | P E 190 317.42  | T 112A4   | 27.0                                      |
|                                     | 4.5   | 317.4            | 7623.1                                | 1.6                        | P E 190 317.42  | T 100BL4  | 27.0                                      |
|                                     | 4.5   | 215.0            | 7622.3                                | 1.2                        | P E 170 215.02  | T 132M6   | 21.0                                      |
|                                     | 4.5   | 649.0            | 7623.5                                | 1.1                        | P E 170 649   | T 112A2   | 21.0                                      |
|                                     | 4.5   | 649.0            | 7639.7                                | 1.1                        | P E 170 649   | T 100B2   | 21.0                                      |
|                                     | 4.4   | 660.4            | 7742.8                                | 1.5                        | P E 190 660.37  | T 112A2   | 27.0                                      |
|                                     | 4.4   | 660.4            | 7778.2                                | 1.5                        | P E 190 660.37  | T 100B2   | 27.0                                      |
|                                     | 4.4   | 221.2            | 8179.6                                | 1.4                        | P L 135 3 221.2   | T 132M6   | 40.0                                      |
|                                     | 4.4   | 329.4            | 7867.8                                | 1.6                        | P E 190 329.43  | T 112A4   | 27.0                                      |
|                                     | 4.4   | 330.6            | 7886.1                                | 1.1                        | P E 170 330.6   | T 112A4   | 21.0                                      |
|                                     | 4.3   | 329.4            | 7921.4                                | 1.6                        | P E 190 329.43  | T 100BL4  | 27.0                                      |
|                                     | 4.3   | 330.6            | 7940.0                                | 1.1                        | P E 170 330.6   | T 100BL4  | 21.0                                      |
|                                     | 4.2   | 697.9            | 8186.0                                | 1.0                        | P E 170 697.85  | T 112A2   | 21.0                                      |
|                                     | 4.2   | 697.9            | 8225.4                                | 1.0                        | P E 170 697.85  | T 100B2   | 21.0                                      |
|                                     | 4.2   | 704.9            | 8264.5                                | 1.4                        | P E 190 704.94  | T 112A2   | 27.0                                      |
|                                     | 4.2   | 347.4            | 8285.0                                | 1.5                        | P E 190 347.35  | T 112A4   | 27.0                                      |
|                                     | 4.1   | 704.9            | 8304.7                                | 1.4                        | P E 190 704.94  | T 100B2   | 27.0                                      |
|                                     | 4.1   | 347.4            | 8344.5                                | 1.5                        | P E 190 347.35  | T 100BL4  | 27.0                                      |
|                                     | 4.0   | 357.1            | 8531.0                                | 1.5                        | P E 190 357.1   | T 112A4   | 27.0                                      |
|                                     | 4.0   | 357.1            | 8530.8                                | 1.1                        | P E 170 357.1   | T 112A4   | 21.0                                      |

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E124

CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 4                                   | 4.0   | 357.1            | 8595.5                               | 1.5                        | P E 190 357.1   | T 100BL4 | 27.0                                      |
|                                     | 4.0   | 357.1            | 8596.0                               | 1.0                        | P E 170 357.1   | T 100BL4 | 21.0                                      |
|                                     | 4.0   | 245.1            | 9068.4                               | 1.3                        | P L 135 3 245.1 | T 132M6  | 40.0                                      |
|                                     | 3.9   | 246.9            | 8747.4                               | 1.4                        | P E 190 246.94  | T 132M6  | 27.0                                      |
|                                     | 3.9   | 246.9            | 8748.5                               | 1.0                        | P E 170 246.94  | T 132M6  | 21.0                                      |
|                                     | 3.9   | 756.8            | 8883.7                               | 1.3                        | P E 190 756.78  | T 112A2  | 27.0                                      |
|                                     | 3.9   | 756.8            | 8884.0                               | 0.9                        | P E 170 756.78  | T 112A2  | 21.0                                      |
|                                     | 3.9   | 756.8            | 8906.1                               | 1.3                        | P E 190 756.78  | T 100B2  | 27.0                                      |
|                                     | 3.9   | 756.8            | 8906.0                               | 0.9                        | P E 170 756.78  | T 100B2  | 21.0                                      |
|                                     | 3.8   | 377.5            | 9000.0                               | 1.0                        | P E 170 377.45  | T 112A4  | 21.0                                      |
|                                     | 3.8   | 377.5            | 9070.3                               | 1.0                        | P E 170 377.45  | T 100BL4 | 21.0                                      |
|                                     | 3.7   | 388.9            | 9292.0                               | 1.3                        | P E 190 388.88  | T 112A4  | 27.0                                      |
|                                     | 3.7   | 388.9            | 9342.3                               | 1.3                        | P E 190 388.88  | T 100BL4 | 27.0                                      |
|                                     | 3.6   | 268.9            | 9523.8                               | 1.3                        | P E 190 268.91  | T 132M6  | 27.0                                      |
|                                     | 3.6   | 268.8            | 9523.8                               | 0.9                        | P E 170 268.78  | T 132M6  | 21.0                                      |
|                                     | 3.6   | 811.3            | 9523.8                               | 0.9                        | P E 170 811.25  | T 112A2  | 21.0                                      |
|                                     | 3.6   | 811.3            | 9549.1                               | 0.8                        | P E 170 811.25  | T 100B2  | 21.0                                      |
|                                     | 3.6   | 824.1            | 9657.8                               | 1.2                        | P E 190 824.12  | T 112A2  | 27.0                                      |
|                                     | 3.5   | 824.1            | 9712.8                               | 1.2                        | P E 190 824.12  | T 100B2  | 27.0                                      |
|                                     | 3.5   | 409.3            | 9766.7                               | 0.9                        | P E 170 409.33  | T 112A4  | 21.0                                      |
|                                     | 3.5   | 409.3            | 9852.2                               | 0.9                        | P E 170 409.33  | T 100BL4 | 21.0                                      |
|                                     | 3.4   | 425.6            | 10170.9                              | 1.2                        | P E 190 425.55  | T 112A4  | 27.0                                      |
|                                     | 3.4   | 425.6            | 10231.2                              | 1.2                        | P E 190 425.55  | T 100BL4 | 27.0                                      |
|                                     | 3.3   | 291.5            | 10324.2                              | 1.2                        | P E 190 291.48  | T 132M6  | 27.0                                      |
|                                     | 3.3   | 879.8            | 10325.5                              | 1.1                        | P E 190 879.75  | T 112A2  | 27.0                                      |
|                                     | 3.3   | 879.8            | 10355.7                              | 1.1                        | P E 190 879.75  | T 100B2  | 27.0                                      |
|                                     | 3.2   | 445.6            | 10644.6                              | 0.8                        | P E 170 445.6   | T 112A4  | 21.0                                      |
|                                     | 3.2   | 448.2            | 10711.2                              | 1.2                        | P E 190 448.15  | T 112A4  | 27.0                                      |
|                                     | 3.2   | 302.5            | 10711.2                              | 1.2                        | P E 190 302.51  | T 132M6  | 27.0                                      |
|                                     | 3.2   | 302.0            | 10711.1                              | 0.8                        | P E 170 301.96  | T 132M6  | 21.0                                      |
|                                     | 3.2   | 445.6            | 10711.1                              | 0.8                        | P E 170 445.6   | T 100BL4 | 21.0                                      |
|                                     | 3.2   | 448.2            | 10778.2                              | 1.2                        | P E 190 448.15  | T 100BL4 | 27.0                                      |
|                                     | 3.1   | 317.4            | 11236.0                              | 1.1                        | P E 190 317.42  | T 132M6  | 27.0                                      |
|                                     | 3.1   | 958.0            | 11236.0                              | 1.0                        | P E 190 958.04  | T 112A2  | 27.0                                      |
|                                     | 3.1   | 958.0            | 11271.7                              | 1.0                        | P E 190 958.04  | T 100B2  | 27.0                                      |
|                                     | 3.0   | 483.2            | 11536.7                              | 1.1                        | P E 190 483.23  | T 112A4  | 27.0                                      |
|                                     | 3.0   | 483.2            | 11614.4                              | 1.1                        | P E 190 483.23  | T 100BL4 | 27.0                                      |
|                                     | 2.9   | 329.4            | 11693.2                              | 1.1                        | P E 190 329.43  | T 132M6  | 27.0                                      |
|                                     | 2.8   | 347.4            | 12321.3                              | 1.0                        | P E 190 347.35  | T 132M6  | 27.0                                      |
|                                     | 2.8   | 1064.2           | 12503.4                              | 0.9                        | P E 190 1064.22 | T 112A2  | 27.0                                      |
| 2.7                                 | 526.2   | 12547.1          | 1.0                                  | P E 190 526.24             | T 112A4         | 27.0     |   |
| 2.7                                 | 1064.2  | 12547.7          | 0.9                                  | P E 190 1064.22            | T 100B2         | 27.0     |   |
| 2.7                                 | 357.1   | 12639.0          | 1.0                                  | P E 190 357.1              | T 132M6         | 27.0     |   |
| 2.7                                 | 526.2   | 12639.0          | 1.0                                  | P E 190 526.24             | T 100BL4        | 27.0     |   |
| 2.5                                 | 1158.9  | 13589.4          | 0.8                                  | P E 190 1158.92            | T 112A2         | 27.0     |   |
| 2.5                                 | 1158.9  | 13641.8          | 0.8                                  | P E 190 1158.92            | T 100B2         | 27.0     |   |
| 2.5                                 | 575.9   | 13751.4          | 0.9                                  | P E 190 575.86             | T 112A4         | 27.0     |   |
| 2.5                                 | 388.9   | 13808.3          | 0.9                                  | P E 190 388.88             | T 132M6         | 27.0     |   |
| 2.5                                 | 575.9   | 13861.9          | 0.9                                  | P E 190 575.86             | T 100BL4        | 27.0     |   |
| 2.4                                 | 606.4   | 14505.4          | 0.9                                  | P E 190 606.41             | T 112A4         | 27.0     |   |
| 2.4                                 | 606.4   | 14568.8          | 0.9                                  | P E 190 606.41             | T 100BL4        | 27.0     |   |
| 2.3                                 | 425.6   | 15078.4          | 0.8                                  | P E 190 425.55             | T 132M6         | 27.0     |   |





HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |          |      | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------|------|---|
| 1123.1                              | 2.6   | 44.4             | 2.7                                  | P - 71 2 2.6               | T 112B2  | 7.5  |   |
| 973.3                               | 3.0   | 51.3             | 1.5                                  | P - 63 2 3                 | T 112B2  | 5.6  |   |
| 912.5                               | 3.2   | 54.7             | 2.6                                  | P - 71 2 3.2               | T 112B2  | 7.5  |   |
| 768.4                               | 3.8   | 64.9             | 2.5                                  | P - 71 2 3.8               | T 112B2  | 7.5  |   |
| 748.7                               | 3.9   | 66.6             | 1.4                                  | P - 63 2 3.9               | T 112B2  | 5.6  |   |
| 679.1                               | 4.3   | 73.5             | 2.5                                  | P - 71 2 4.3               | T 112B2  | 7.5  |   |
| 679.1                               | 4.3   | 73.5             | 1.3                                  | P - 63 2 4.3               | T 112B2  | 5.6  |   |
| 584.0                               | 5.0   | 85.4             | 1.3                                  | P - 63 2 5                 | T 112B2  | 5.6  |   |
| 553.9                               | 2.6   | 90.1             | 1.4                                  | P - 71 2 2.6               | T 112BL4 | 7.5  |   |
| 550.9                               | 5.3   | 90.6             | 2.0                                  | P - 71 2 5.3               | T 112B2  | 7.5  |   |
| 521.4                               | 5.6   | 95.7             | 1.3                                  | P - 63 2 5.6               | T 112B2  | 5.6  |   |
| 471.0                               | 6.2   | 105.9            | 2.2                                  | P - 71 2 6.2               | T 112B2  | 7.5  |   |
| 471.0                               | 6.2   | 105.9            | 1.2                                  | P - 63 2 6.2               | T 112B2  | 5.6  |   |
| 450.0                               | 3.2   | 110.9            | 1.4                                  | P - 71 2 3.2               | T 112BL4 | 7.5  |   |
| 449.2                               | 6.5   | 111.1            | 1.2                                  | P - 63 2 6.5               | T 112B2  | 5.6  |   |
| 411.3                               | 7.1   | 121.3            | 2.2                                  | P - 71 2 7.1               | T 112B2  | 7.5  |   |
| 394.6                               | 7.4   | 126.5            | 1.1                                  | P - 63 2 7.4               | T 112B2  | 5.6  |   |
| 379.0                               | 3.8   | 131.7            | 1.3                                  | P - 71 2 3.8               | T 112BL4 | 7.5  |   |
| 369.2                               | 3.9   | 135.1            | 0.8                                  | P - 63 2 3.9               | T 112BL4 | 5.6  |   |
| 365.0                               | 8.0   | 136.7            | 1.1                                  | P - 63 2 8                 | T 112B2  | 5.6  |   |
| 359.3                               | 2.7   | 138.9            | 2.4                                  | P - 90 2 2.7               | T 132ML6 | 10.5 |   |
| 335.6                               | 8.7   | 148.7            | 1.9                                  | P - 71 2 8.7               | T 112B2  | 7.5  |   |
| 334.9                               | 4.3   | 149.0            | 1.3                                  | P - 71 2 4.3               | T 112BL4 | 7.5  |   |
| 334.9                               | 4.3   | 149.0            | 0.9                                  | P - 63 2 4.3               | T 112BL4 | 5.6  |   |
| 324.4                               | 9.0   | 153.8            | 1.1                                  | P - 63 2 9                 | T 112B2  | 5.6  |   |
| 315.1                               | 9.3   | 158.4            | 2.9                                  | P - 90 2 9.3               | T 132S2  | 10.5 |   |
| 314.0                               | 9.3   | 158.9            | 2.9                                  | P - 90 2 9.3               | T 112B2  | 10.5 |   |
| 288.0                               | 5.0   | 173.3            | 0.8                                  | P - 63 2 5                 | T 112BL4 | 5.6  |   |
| 286.3                               | 10.2  | 174.3            | 2.1                                  | P - 71 2 10.2              | T 112B2  | 7.5  |   |
| 280.8                               | 10.4  | 177.7            | 1.0                                  | P - 63 2 10.4              | T 112B2  | 5.6  |   |
| 275.5                               | 5.3   | 181.1            | 2.9                                  | P - 90 2 5.3               | T 132S4  | 10.5 |   |
| 271.7                               | 5.3   | 183.7            | 2.9                                  | P - 90 2 5.3               | T 112BL4 | 10.5 |   |
| 271.7                               | 5.3   | 183.7            | 1.1                                  | P - 71 2 5.3               | T 112BL4 | 7.5  |   |
| 257.1                               | 5.6   | 194.0            | 0.8                                  | P - 63 2 5.6               | T 112BL4 | 5.6  |   |
| 251.7                               | 11.6  | 198.2            | 1.9                                  | P - 71 2 11.6              | T 112B2  | 7.5  |   |
| 251.3                               | 11.6  | 198.6            | 3.0                                  | P - 80 2 11.62             | T 112B2  | 7.5  |   |
| 247.5                               | 5.9   | 201.6            | 2.8                                  | P - 90 2 5.9               | T 132S4  | 10.5 |   |
| 247.5                               | 11.8  | 201.7            | 0.9                                  | P - 63 2 11.8              | T 112B2  | 5.6  |   |
| 244.1                               | 5.9   | 204.4            | 2.7                                  | P - 90 2 5.9               | T 112BL4 | 10.5 |   |
| 237.4                               | 12.3  | 210.2            | 1.3                                  | P - 71 2 12.3              | T 112B2  | 7.5  |   |
| 232.3                               | 6.2   | 214.8            | 1.2                                  | P - 71 2 6.2               | T 112BL4 | 7.5  |   |
| 231.0                               | 4.2   | 216.1            | 2.2                                  | P - 90 2 4.2               | T 132ML6 | 10.5 |   |
| 218.6                               | 6.7   | 228.3            | 3.0                                  | P - 80 2 6.68              | T 132S4  | 7.5  |   |
| 217.9                               | 6.7   | 229.0            | 2.6                                  | P - 90 2 6.7               | T 132S4  | 10.5 |   |
| 216.3                               | 13.5  | 230.7            | 0.9                                  | P - 63 2 13.5              | T 112B2  | 5.6  |   |
| 215.6                               | 6.7   | 231.5            | 2.9                                  | P - 80 2 6.68              | T 112BL4 | 7.5  |   |
| 214.9                               | 6.7   | 232.2            | 2.6                                  | P - 90 2 6.7               | T 112BL4 | 10.5 |   |
| 213.2                               | 4.6   | 234.1            | 2.8                                  | P - 80 2 4.55              | T 132ML6 | 7.5  |   |
| 213.1                               | 13.8  | 234.2            | 2.9                                  | P - 80 2 13.75             | T 132S2  | 7.5  |   |
| 212.4                               | 13.8  | 235.0            | 2.9                                  | P - 80 2 13.75             | T 112B2  | 7.5  |   |
| 208.6                               | 14.0  | 239.2            | 1.7                                  | P - 71 2 14                | T 112B2  | 7.5  |   |
| 202.8                               | 7.1   | 246.0            | 1.2                                  | P - 71 2 7.1               | T 112BL4 | 7.5  |   |
| 202.2                               | 7.2   | 246.8            | 2.7                                  | P - 80 2 7.22              | T 132S4  | 7.5  |   |
| 199.5                               | 7.2   | 250.2            | 2.7                                  | P - 80 2 7.22              | T 112BL4 | 7.5  |   |
| 198.8                               | 14.7  | 251.0            | 2.7                                  | P - 80 2 14.74             | T 132S2  | 7.5  |   |
| 198.1                               | 14.7  | 251.9            | 2.7                                  | P - 80 2 14.74             | T 112B2  | 7.5  |   |
| 187.2                               | 7.8   | 266.6            | 2.4                                  | P - 90 2 7.8               | T 132S4  | 10.5 |   |
| 184.6                               | 7.8   | 270.3            | 2.4                                  | P - 90 2 7.8               | T 112BL4 | 10.5 |   |
| 183.1                               | 16.0  | 272.5            | 2.7                                  | P - 90 2 16                | T 132S2  | 10.5 |   |
| 183.0                               | 5.3   | 272.6            | 1.9                                  | P - 90 2 5.3               | T 132ML6 | 10.5 |   |
| 182.5                               | 16.0  | 273.4            | 2.7                                  | P - 90 2 16                | T 112B2  | 10.5 |   |
| 181.4                               | 16.1  | 275.1            | 1.5                                  | P - 71 2 16.1              | T 112B2  | 7.5  |   |
| 174.6                               | 8.4   | 285.7            | 2.4                                  | P - 80 2 8.36              | T 132S4  | 7.5  |   |
| 172.3                               | 8.4   | 289.7            | 2.3                                  | P - 80 2 8.36              | T 112BL4 | 7.5  |   |
| 171.7                               | 17.1  | 290.7            | 2.6                                  | P - 80 2 17.07             | T 132S2  | 7.5  |   |
| 171.4                               | 17.1  | 291.2            | 2.5                                  | P - 90 2 17.1              | T 132S2  | 10.5 |   |
| 171.1                               | 17.1  | 291.7            | 2.6                                  | P - 80 2 17.07             | T 112B2  | 7.5  |   |
| 170.8                               | 17.1  | 292.2            | 2.5                                  | P - 90 2 17.1              | T 112B2  | 10.5 |   |
| 170.2                               | 5.7   | 293.2            | 2.5                                  | P - 80 2 5.7               | T 132ML6 | 7.5  |   |
| 168.8                               | 17.3  | 295.6            | 1.4                                  | P - 71 2 17.3              | T 112B2  | 7.5  |   |
| 167.8                               | 8.7   | 297.3            | 1.9                                  | P - 90 2 8.7               | T 132S4  | 10.5 |   |
| 165.5                               | 8.7   | 301.5            | 1.9                                  | P - 90 2 8.7               | T 112BL4 | 10.5 |   |
| 165.5                               | 8.7   | 301.4            | 1.0                                  | P - 71 2 8.7               | T 112BL4 | 7.5  |   |
| 164.4                               | 5.9   | 303.5            | 1.8                                  | P - 90 2 5.9               | T 132ML6 | 10.5 |   |
| 158.8                               | 18.5  | 314.2            | 2.6                                  | P - 80 2 18.45             | T 132S2  | 7.5  |   |
| 158.3                               | 18.5  | 315.3            | 2.6                                  | P - 80 2 18.45             | T 112B2  | 7.5  |   |
| 157.0                               | 9.3   | 317.9            | 1.8                                  | P - 90 2 9.3               | T 132S4  | 10.5 |   |
| 156.2                               | 18.7  | 319.5            | 1.3                                  | P - 71 2 18.7              | T 112B2  | 7.5  |   |
| 155.3                               | 9.4   | 321.3            | 2.1                                  | P - 80 2 9.4               | T 132S4  | 7.5  |   |
| 154.8                               | 9.3   | 322.3            | 1.7                                  | P - 90 2 9.3               | T 112BL4 | 10.5 |   |
| 153.2                               | 9.4   | 325.7            | 2.1                                  | P - 80 2 9.4               | T 112BL4 | 7.5  |   |
| 150.5                               | 9.7   | 331.5            | 2.5                                  | P - 90 2 9.7               | T 132S4  | 10.5 |   |
| 150.3                               | 19.5  | 331.9            | 1.6                                  | P - 80 2 19.49             | T 132S2  | 7.5  |   |
| 149.8                               | 19.5  | 333.1            | 1.6                                  | P - 80 2 19.49             | T 112B2  | 7.5  |   |
| 148.5                               | 9.7   | 336.1            | 2.4                                  | P - 90 2 9.7               | T 112BL4 | 10.5 |   |
| 148.0                               | 19.8  | 337.2            | 2.2                                  | P - 90 2 19.8              | T 132S2  | 10.5 |   |
| 147.5                               | 19.8  | 338.4            | 2.2                                  | P - 90 2 19.8              | T 112B2  | 10.5 |   |
| 145.4                               | 10.0  | 343.1            | 1.9                                  | P - 80 2 10.04             | T 132S4  | 7.5  |   |
| 145.2                               | 6.7   | 343.6            | 2.2                                  | P - 80 2 6.68              | T 132ML6 | 7.5  |   |
| 144.8                               | 6.7   | 344.6            | 1.7                                  | P - 90 2 6.7               | T 132ML6 | 10.5 |   |
| 144.6                               | 20.2  | 345.2            | 1.2                                  | P - 71 2 20.2              | T 112B2  | 7.5  |   |
| 143.4                               | 10.0  | 347.9            | 1.9                                  | P - 80 2 10.04             | T 112BL4 | 7.5  |   |
| 142.7                               | 20.5  | 349.6            | 1.5                                  | P - 80 2 20.53             | T 132S2  | 7.5  |   |
| 142.7                               | 6.8   | 349.8            | 2.9                                  | P - 112 2 6.8              | T 132ML6 | 16.5 |   |
| 142.2                               | 20.5  | 350.8            | 1.5                                  | P - 80 2 20.53             | T 112B2  | 7.5  |   |

5,5

E126

CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------------|----------|---|
| 5,5                                 | 141.2   | 10.2             | 353.4                                 | 1.2                        | P - 71 2 10.2  | T 112BL4 | 7.5                                       |
|                                     | 136.9   | 21.4             | 364.4                                 | 2.0                        | P - 90 2 21.4  | T 132S2  | 10.5                                      |
|                                     | 136.5   | 21.5             | 365.5                                 | 1.5                        | P - 80 2 21.46 | T 132S2  | 7.5                                       |
|                                     | 136.5   | 21.4             | 365.7                                 | 2.0                        | P - 90 2 21.4  | T 112B2  | 10.5                                      |
|                                     | 136.1   | 21.5             | 366.7                                 | 1.5                        | P - 80 2 21.46 | T 112B2  | 7.5                                       |
|                                     | 134.4   | 7.2              | 371.4                                 | 2.0                        | P - 80 2 7.22  | T 132ML6 | 7.5                                       |
|                                     | 133.9   | 10.9             | 372.6                                 | 2.3                        | P - 90 2 10.9  | T 132S4  | 10.5                                      |
|                                     | 133.3   | 21.9             | 374.3                                 | 1.1                        | P - 71 2 21.9  | T 112B2  | 7.5                                       |
|                                     | 132.1   | 10.9             | 377.7                                 | 2.3                        | P - 90 2 10.9  | T 112BL4 | 10.5                                      |
|                                     | 131.5   | 11.1             | 379.4                                 | 2.9                        | P - 112 2 11.1 | T 132S4  | 16.5                                      |
|                                     | 129.7   | 11.1             | 384.6                                 | 2.9                        | P - 112 2 11.1 | T 112BL4 | 16.5                                      |
|                                     | 125.7   | 11.6             | 397.1                                 | 1.7                        | P - 80 2 11.62 | T 132S4  | 7.5                                       |
|                                     | 124.4   | 7.8              | 401.3                                 | 1.7                        | P - 90 2 7.8   | T 132ML6 | 10.5                                      |
|                                     | 124.1   | 11.6             | 401.9                                 | 1.1                        | P - 71 2 11.6  | T 112BL4 | 7.5                                       |
|                                     | 123.9   | 11.6             | 402.7                                 | 1.6                        | P - 80 2 11.62 | T 112BL4 | 7.5                                       |
|                                     | 123.1   | 23.8             | 396.8                                 | 1.8                        | P L 85 3 23.8  | T 132S2  | 11.0                                      |
|                                     | 122.8   | 7.9              | 406.4                                 | 2.7                        | P - 112 2 7.9  | T 132ML6 | 16.5                                      |
|                                     | 122.7   | 23.8             | 398.2                                 | 1.8                        | P L 85 3 23.8  | T 112B2  | 11.0                                      |
|                                     | 122.7   | 23.9             | 406.8                                 | 1.3                        | P - 80 2 23.89 | T 132S2  | 7.5                                       |
|                                     | 122.2   | 23.9             | 408.2                                 | 1.3                        | P - 80 2 23.89 | T 112B2  | 7.5                                       |
|                                     | 118.7   | 12.3             | 420.4                                 | 2.2                        | P - 90 2 12.3  | T 132S4  | 10.5                                      |
|                                     | 117.2   | 25.0             | 425.8                                 | 1.7                        | P - 90 2 25    | T 132S2  | 10.5                                      |
|                                     | 117.1   | 12.3             | 426.2                                 | 2.1                        | P - 90 2 12.3  | T 112BL4 | 10.5                                      |
|                                     | 116.8   | 25.0             | 427.2                                 | 1.7                        | P - 90 2 25    | T 112B2  | 10.5                                      |
|                                     | 116.0   | 8.4              | 430.0                                 | 1.7                        | P - 80 2 8.36  | T 132ML6 | 7.5                                       |
|                                     | 115.4   | 25.3             | 432.3                                 | 0.8                        | P - 71 2 25.3  | T 112B2  | 7.5                                       |
|                                     | 111.5   | 8.7              | 447.5                                 | 1.3                        | P - 90 2 8.7   | T 132ML6 | 10.5                                      |
|                                     | 111.4   | 26.3             | 447.9                                 | 1.2                        | P - 80 2 26.3  | T 132S2  | 7.5                                       |
|                                     | 111.0   | 26.3             | 449.4                                 | 1.2                        | P - 80 2 26.3  | T 112B2  | 7.5                                       |
|                                     | 110.6   | 26.4             | 441.6                                 | 1.2                        | P L 65 3 26.4  | T 112B2  | 8.0                                       |
|                                     | 109.0   | 8.9              | 457.8                                 | 2.4                        | P - 112 2 8.9  | T 132ML6 | 16.5                                      |
|                                     | 106.6   | 27.5             | 458.5                                 | 1.9                        | P L 85 3 27.5  | T 132S2  | 11.0                                      |
|                                     | 106.2   | 27.5             | 460.0                                 | 1.9                        | P L 85 3 27.5  | T 112B2  | 11.0                                      |
|                                     | 106.2   | 13.8             | 469.9                                 | 1.6                        | P - 80 2 13.75 | T 132S4  | 7.5                                       |
|                                     | 105.8   | 27.7             | 471.7                                 | 1.6                        | P - 90 2 27.7  | T 132S2  | 10.5                                      |
|                                     | 105.4   | 27.7             | 473.3                                 | 1.6                        | P - 90 2 27.7  | T 112B2  | 10.5                                      |
|                                     | 104.7   | 13.8             | 476.4                                 | 1.6                        | P - 80 2 13.75 | T 112BL4 | 7.5                                       |
|                                     | 104.3   | 9.3              | 478.4                                 | 1.2                        | P - 90 2 9.3   | T 132ML6 | 10.5                                      |
|                                     | 104.3   | 14.0             | 478.4                                 | 1.9                        | P - 90 2 14    | T 132S4  | 10.5                                      |
|                                     | 103.2   | 28.4             | 483.3                                 | 1.1                        | P - 80 2 28.38 | T 132S2  | 7.5                                       |
|                                     | 103.2   | 9.4              | 483.5                                 | 1.6                        | P - 80 2 9.4   | T 132ML6 | 7.5                                       |
|                                     | 102.9   | 28.4             | 485.0                                 | 1.1                        | P - 80 2 28.38 | T 112B2  | 7.5                                       |
|                                     | 102.9   | 14.0             | 485.1                                 | 1.9                        | P - 90 2 14    | T 112BL4 | 10.5                                      |
|                                     | 102.9   | 14.0             | 485.1                                 | 0.9                        | P - 71 2 14    | T 112BL4 | 7.5                                       |
|                                     | 101.4   | 28.8             | 492.1                                 | 0.8                        | P - 71 2 28.8  | T 112B2  | 7.5                                       |
|                                     | 100.7   | 29.1             | 495.6                                 | 2.9                        | P - 112 2 29.1 | T 132S2  | 16.5                                      |
|                                     | 100.3   | 29.1             | 497.3                                 | 2.9                        | P - 112 2 29.1 | T 112B2  | 16.5                                      |
|                                     | 100.0   | 9.7              | 499.0                                 | 2.2                        | P - 112 2 9.7  | T 132ML6 | 16.5                                      |
|                                     | 100.0   | 9.7              | 499.0                                 | 1.8                        | P - 90 2 9.7   | T 132ML6 | 10.5                                      |
|                                     | 99.1  | 14.7             | 503.8                                 | 1.5                        | P - 80 2 14.74 | T 132S4  | 7.5                                       |
| 97.7                                | 14.7  | 510.8            | 1.5                                   | P - 80 2 14.74             | T 112BL4       | 7.5      |   |
| 97.2                                | 30.2  | 513.5            | 1.1                                   | P - 80 2 30.15             | T 132S2        | 7.5      |   |
| 96.9                                | 30.2  | 515.2            | 1.0                                   | P - 80 2 30.15             | T 112B2        | 7.5      |   |
| 96.6                                | 10.0  | 516.5            | 1.4                                   | P - 80 2 10.04             | T 132ML6       | 7.5      |   |
| 96.1                                | 30.5  | 519.4            | 1.4                                   | P - 90 2 30.5              | T 132S2        | 10.5     |   |
| 95.7                                | 30.5  | 521.2            | 1.4                                   | P - 90 2 30.5              | T 112B2        | 10.5     |   |
| 91.3                                | 16.0  | 546.8            | 1.7                                   | P - 90 2 16                | T 132S4        | 10.5     |   |
| 90.7                                | 32.3  | 550.1            | 2.7                                   | P - 112 2 32.3             | T 132S2        | 16.5     |   |
| 90.4                                | 32.3  | 552.0            | 2.6                                   | P - 112 2 32.3             | T 112B2        | 16.5     |   |
| 90.4                                | 32.3  | 540.4            | 1.0                                   | P L 65 3 32.3              | T 112B2        | 8.0      |   |
| 90.0                                | 16.0  | 554.4            | 1.6                                   | P - 90 2 16                | T 112BL4       | 10.5     |   |
| 89.6                                | 16.3  | 557.1            | 2.9                                   | P - 112 2 16.3             | T 132S4        | 16.5     |   |
| 89.4                                | 16.1  | 557.9            | 0.8                                   | P - 71 2 16.1              | T 112BL4       | 7.5      |   |
| 89.0                                | 10.9  | 560.7            | 1.6                                   | P - 90 2 10.9              | T 132ML6       | 10.5     |   |
| 88.3                                | 16.3  | 564.8            | 2.9                                   | P - 112 2 16.3             | T 112BL4       | 16.5     |   |
| 87.4                                | 11.1  | 571.0            | 1.9                                   | P - 112 2 11.1             | T 132ML6       | 16.5     |   |
| 85.5                                | 17.1  | 583.4            | 1.5                                   | P - 80 2 17.07             | T 132S4        | 7.5      |   |
| 85.4                                | 17.1  | 584.4            | 1.6                                   | P - 90 2 17.1              | T 132S4        | 10.5     |   |
| 84.9                                | 34.5  | 575.2            | 1.7                                   | P L 85 3 34.5              | T 132S2        | 11.0     |   |
| 84.6                                | 34.5  | 577.1            | 1.7                                   | P L 85 3 34.5              | T 112B2        | 11.0     |   |
| 84.4                                | 17.1  | 591.5            | 1.4                                   | P - 80 2 17.07             | T 112BL4       | 7.5      |   |
| 84.2                                | 34.8  | 592.5            | 0.9                                   | P - 80 2 34.79             | T 132S2        | 7.5      |   |
| 84.2                                | 17.1  | 592.5            | 1.5                                   | P - 90 2 17.1              | T 112BL4       | 10.5     |   |
| 83.9                                | 34.8  | 594.5            | 0.9                                   | P - 80 2 34.79             | T 112B2        | 7.5      |   |
| 83.7                                | 35.0  | 596.1            | 1.2                                   | P - 90 2 35                | T 132S2        | 10.5     |   |
| 83.5                                | 11.6  | 597.7            | 1.2                                   | P - 80 2 11.62             | T 132ML6       | 7.5      |   |
| 83.4                                | 35.0  | 598.1            | 1.2                                   | P - 90 2 35                | T 112B2        | 10.5     |   |
| 82.5                                | 17.7  | 604.9            | 2.8                                   | P - 112 2 17.7             | T 132S4        | 16.5     |   |
| 81.4                                | 17.7  | 613.3            | 2.8                                   | P - 112 2 17.7             | T 112BL4       | 16.5     |   |
| 79.1                                | 18.5  | 630.6            | 1.4                                   | P - 80 2 18.45             | T 132S4        | 7.5      |   |
| 78.9                                | 12.3  | 632.7            | 1.5                                   | P - 90 2 12.3              | T 132ML6       | 10.5     |   |
| 78.2                                | 12.4  | 637.9            | 2.5                                   | P - 112 2 12.4             | T 132ML6       | 16.5     |   |
| 78.1                                | 18.5  | 639.3            | 1.4                                   | P - 80 2 18.45             | T 112BL4       | 7.5      |   |
| 77.7                                | 37.6  | 629.0            | 0.9                                   | P L 65 3 37.6              | T 112B2        | 8.0      |   |
| 77.2                                | 38.0  | 646.2            | 0.8                                   | P - 80 2 37.95             | T 132S2        | 7.5      |   |
| 76.9                                | 38.0  | 648.5            | 0.8                                   | P - 80 2 37.95             | T 112B2        | 7.5      |   |
| 75.7                                | 38.7  | 645.2            | 1.7                                   | P L 85 3 38.7              | T 132S2        | 11.0     |   |
| 75.5                                | 38.7  | 647.4            | 1.7                                   | P L 85 3 38.7              | T 112B2        | 11.0     |   |
| 75.5                                | 38.7  | 647.4            | 1.1                                   | P - 90 3 38.7              | T 112B2        | 7.5      |   |
| 75.3                                | 38.9  | 662.5            | 2.2                                   | P - 112 2 38.9             | T 132S2        | 16.5     |   |
| 75.1                                | 38.9  | 664.8            | 2.2                                   | P - 112 2 38.9             | T 112B2        | 16.5     |   |
| 74.9                                | 19.5  | 666.1            | 0.9                                   | P - 80 2 19.49             | T 132S4        | 7.5      |   |
| 73.9                                | 19.5  | 675.4            | 0.9                                   | P - 80 2 19.49             | T 112BL4       | 7.5      |   |
| 73.7                                | 19.8  | 676.7            | 1.3                                   | P - 90 2 19.8              | T 132S4        | 10.5     |   |
| 73.4                                | 19.9  | 680.1            | 2.9                                   | P - 125 2 19.9             | T 132S4        | 21.0     |   |



HIGH TECH *line* Motion



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |          |      | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|----------|------|---|
| 72.7                                | 19.8  | 686.1            | 1.3                                  | P - 90 2 19.8              | T 112BL4 | 10.5 |   |
| 72.5                                | 40.4  | 688.1            | 0.9                                  | P - 90 2 40.4              | T 132S2  | 10.5 |   |
| 72.4                                | 19.9  | 689.6            | 2.9                                  | P - 125 2 19.9             | T 112BL4 | 21.0 |   |
| 72.4                                | 40.5  | 675.2            | 2.8                                  | P L 95 3 40.5              | T 132S2  | 16.0 |   |
| 72.3                                | 20.2  | 690.4            | 2.5                                  | P - 112 2 20.2             | T 132S4  | 16.5 |   |
| 72.3                                | 40.4  | 690.3            | 0.8                                  | P - 90 2 40.4              | T 112B2  | 10.5 |   |
| 72.1                                | 40.5  | 677.5            | 2.8                                  | P L 95 3 40.5              | T 112B2  | 16.0 |   |
| 72.0                                | 40.7  | 693.1            | 2.1                                  | P - 112 2 40.7             | T 132S2  | 16.5 |   |
| 71.7                                | 40.7  | 695.5            | 2.1                                  | P - 112 2 40.7             | T 112B2  | 16.5 |   |
| 71.3                                | 20.2  | 699.9            | 2.5                                  | P - 112 2 20.2             | T 112BL4 | 16.5 |   |
| 71.1                                | 20.5  | 701.7            | 0.9                                  | P - 80 2 20.53             | T 132S4  | 7.5  |   |
| 70.6                                | 13.8  | 707.2            | 1.2                                  | P - 80 2 13.75             | T 132ML6 | 7.5  |   |
| 70.1                                | 20.5  | 711.4            | 0.8                                  | P - 80 2 20.53             | T 112BL4 | 7.5  |   |
| 69.3                                | 14.0  | 720.2            | 1.3                                  | P - 90 2 14                | T 132ML6 | 10.5 |   |
| 68.2                                | 21.4  | 731.4            | 1.2                                  | P - 90 2 21.4              | T 132S4  | 10.5 |   |
| 68.0                                | 21.5  | 733.5            | 0.8                                  | P - 80 2 21.46             | T 132S4  | 7.5  |   |
| 67.3                                | 21.4  | 741.6            | 1.2                                  | P - 90 2 21.4              | T 112BL4 | 10.5 |   |
| 67.3                                | 21.7  | 741.6            | 2.4                                  | P - 112 2 21.7             | T 132S4  | 16.5 |   |
| 67.1                                | 21.5  | 743.6            | 0.8                                  | P - 80 2 21.46             | T 112BL4 | 7.5  |   |
| 67.1                                | 43.7  | 728.6            | 1.5                                  | P L 85 3 43.7              | T 132S2  | 11.0 |   |
| 66.9                                | 14.5  | 745.9            | 2.3                                  | P - 112 2 14.5             | T 132ML6 | 16.5 |   |
| 66.8                                | 43.7  | 731.1            | 1.5                                  | P L 85 3 43.7              | T 112B2  | 11.0 |   |
| 66.8                                | 43.7  | 731.0            | 1.0                                  | P - 90 3 43.7              | T 112B2  | 7.5  |   |
| 66.4                                | 44.1  | 751.1            | 0.9                                  | P - 90 2 44.1              | T 132S2  | 10.5 |   |
| 66.4                                | 21.7  | 752.0            | 2.3                                  | P - 112 2 21.7             | T 112BL4 | 16.5 |   |
| 66.2                                | 44.1  | 753.6            | 0.9                                  | P - 90 2 44.1              | T 112B2  | 10.5 |   |
| 66.1                                | 44.3  | 754.4            | 2.6                                  | P - 125 2 44.3             | T 132S2  | 21.0 |   |
| 65.9                                | 44.3  | 757.1            | 2.6                                  | P - 125 2 44.3             | T 112B2  | 21.0 |   |
| 65.8                                | 14.7  | 758.2            | 1.1                                  | P - 80 2 14.74             | T 132ML6 | 7.5  |   |
| 65.6                                | 44.7  | 761.2            | 1.9                                  | P - 112 2 44.7             | T 132S2  | 16.5 |   |
| 65.3                                | 44.7  | 763.9            | 1.9                                  | P - 112 2 44.7             | T 112B2  | 16.5 |   |
| 64.2                                | 15.1  | 776.8            | 2.7                                  | P - 125 2 15.1             | T 132ML6 | 21.0 |   |
| 62.5                                | 46.9  | 781.9            | 2.4                                  | P L 95 3 46.9              | T 132S2  | 16.0 |   |
| 62.3                                | 46.9  | 784.6            | 2.4                                  | P L 95 3 46.9              | T 112B2  | 16.0 |   |
| 61.9                                | 23.6  | 789.7            | 2.0                                  | P L 95 3 23.6              | T 132S4  | 16.0 |   |
| 61.3                                | 23.8  | 796.4            | 1.0                                  | P L 85 3 23.8              | T 132S4  | 11.0 |   |
| 61.0                                | 23.6  | 800.5            | 2.0                                  | P L 95 3 23.6              | T 112BL4 | 16.0 |   |
| 60.6                                | 16.0  | 823.2            | 1.1                                  | P - 90 2 16                | T 132ML6 | 10.5 |   |
| 60.5                                | 23.8  | 807.3            | 1.0                                  | P L 85 3 23.8              | T 112BL4 | 11.0 |   |
| 59.9                                | 48.9  | 832.7            | 1.8                                  | P - 112 2 48.9             | T 132S2  | 16.5 |   |
| 59.8                                | 48.8  | 816.3            | 0.9                                  | P - 90 3 48.8              | T 112B2  | 7.5  |   |
| 59.7                                | 48.9  | 835.7            | 1.7                                  | P - 112 2 48.9             | T 112B2  | 16.5 |   |
| 59.5                                | 16.3  | 838.5            | 2.1                                  | P - 112 2 16.3             | T 132ML6 | 16.5 |   |
| 58.4                                | 25.0  | 854.4            | 1.1                                  | P - 90 2 25                | T 132S4  | 10.5 |   |
| 58.2                                | 25.1  | 857.8            | 2.4                                  | P - 125 2 25.1             | T 132S4  | 21.0 |   |
| 57.8                                | 50.7  | 854.3            | 3.0                                  | P L 105 3 50.7             | T 132S2  | 22.0 |   |
| 57.6                                | 25.0  | 866.4            | 1.1                                  | P - 90 2 25                | T 112BL4 | 10.5 |   |
| 57.6                                | 50.7  | 857.3            | 2.9                                  | P L 105 3 50.7             | T 112B2  | 22.0 |   |
| 57.6                                | 50.9  | 866.9            | 0.8                                  | P - 90 2 50.9              | T 132S2  | 10.5 |   |
| 57.5                                | 25.4  | 868.1            | 1.9                                  | P - 112 2 25.4             | T 132S4  | 16.5 |   |
| 57.4                                | 25.1  | 869.8            | 2.4                                  | P - 125 2 25.1             | T 112BL4 | 21.0 |   |
| 57.4                                | 50.9  | 869.9            | 0.8                                  | P - 90 2 50.9              | T 112B2  | 10.5 |   |
| 57.0                                | 51.2  | 856.5            | 1.6                                  | P - 112 3 51.2             | T 112B2  | 11.8 |   |
| 56.8                                | 17.1  | 878.1            | 1.1                                  | P - 80 2 17.07             | T 132ML6 | 7.5  |   |
| 56.7                                | 17.1  | 879.5            | 1.0                                  | P - 90 2 17.1              | T 132ML6 | 10.5 |   |
| 56.7                                | 25.4  | 880.2            | 1.8                                  | P - 112 2 25.4             | T 112BL4 | 16.5 |   |
| 55.2                                | 53.1  | 904.3            | 2.2                                  | P - 125 2 53.1             | T 132S2  | 21.0 |   |
| 55.0                                | 53.1  | 907.4            | 2.2                                  | P - 125 2 53.1             | T 112B2  | 21.0 |   |
| 54.8                                | 17.7  | 910.6            | 2.0                                  | P - 112 2 17.7             | T 132ML6 | 16.5 |   |
| 53.6                                | 54.7  | 912.0            | 2.1                                  | P L 95 3 54.7              | T 132S2  | 16.0 |   |
| 53.4                                | 54.7  | 915.1            | 2.1                                  | P L 95 3 54.7              | T 112B2  | 16.0 |   |
| 53.3                                | 27.4  | 916.8            | 2.0                                  | P L 95 3 27.4              | T 132S4  | 16.0 |   |
| 53.3                                | 55.0  | 926.8            | 2.8                                  | P L 105 3 55               | T 132S2  | 22.0 |   |
| 53.1                                | 55.0  | 930.0            | 2.8                                  | P L 105 3 55               | T 112B2  | 22.0 |   |
| 53.1                                | 27.5  | 920.1            | 1.0                                  | P L 85 3 27.5              | T 132S4  | 11.0 |   |
| 52.7                                | 27.7  | 946.7            | 1.0                                  | P - 90 2 27.7              | T 132S4  | 10.5 |   |
| 52.6                                | 18.5  | 949.1            | 1.0                                  | P - 80 2 18.45             | T 132ML6 | 7.5  |   |
| 52.6                                | 27.4  | 929.6            | 1.9                                  | P L 95 3 27.4              | T 112BL4 | 16.0 |   |
| 52.4                                | 27.5  | 932.9            | 1.0                                  | P L 85 3 27.5              | T 112BL4 | 11.0 |   |
| 52.0                                | 56.3  | 938.7            | 1.2                                  | P L 85 3 56.3              | T 132S2  | 11.0 |   |
| 52.0                                | 27.7  | 959.7            | 0.9                                  | P - 90 2 27.7              | T 112BL4 | 10.5 |   |
| 51.9                                | 56.3  | 941.8            | 1.1                                  | P L 85 3 56.3              | T 112B2  | 11.0 |   |
| 51.1                                | 28.6  | 967.1            | 2.7                                  | P L 105 3 28.6             | T 132S4  | 22.0 |   |
| 51.0                                | 57.5  | 979.1            | 2.0                                  | P - 125 2 57.5             | T 132S2  | 21.0 |   |
| 50.8                                | 57.5  | 982.7            | 2.0                                  | P - 125 2 57.5             | T 112B2  | 21.0 |   |
| 50.4                                | 28.6  | 980.6            | 2.7                                  | P L 105 3 28.6             | T 112BL4 | 22.0 |   |
| 50.2                                | 29.1  | 994.6            | 1.8                                  | P - 112 2 29.1             | T 132S4  | 16.5 |   |
| 49.9                                | 58.5  | 978.8            | 1.4                                  | P - 112 3 58.5             | T 112B2  | 11.8 |   |
| 49.5                                | 29.1  | 1008.5           | 1.7                                  | P - 112 2 29.1             | T 112BL4 | 16.5 |   |
| 49.0                                | 19.8  | 1018.5           | 0.9                                  | P - 90 2 19.8              | T 132ML6 | 10.5 |   |
| 48.7                                | 19.9  | 1023.8           | 2.1                                  | P - 125 2 19.9             | T 132ML6 | 21.0 |   |
| 48.3                                | 30.2  | 1032.2           | 2.1                                  | P - 125 2 30.2             | T 132S4  | 21.0 |   |
| 48.0                                | 20.2  | 1039.1           | 1.8                                  | P - 112 2 20.2             | T 132ML6 | 16.5 |   |
| 47.9                                | 30.5  | 1042.3           | 0.9                                  | P - 90 2 30.5              | T 132S4  | 10.5 |   |
| 47.7                                | 30.2  | 1046.5           | 2.1                                  | P - 125 2 30.2             | T 112BL4 | 21.0 |   |
| 47.2                                | 30.5  | 1057.0           | 0.9                                  | P - 90 2 30.5              | T 112BL4 | 10.5 |   |
| 47.1                                | 20.6  | 1048.5           | 2.6                                  | P L 105 3 20.6             | T 132ML6 | 22.0 |   |
| 46.7                                | 62.7  | 1056.6           | 2.5                                  | P L 105 3 62.7             | T 132S2  | 22.0 |   |
| 46.7                                | 31.3  | 1058.3           | 2.6                                  | P L 105 3 31.3             | T 132S4  | 22.0 |   |
| 46.6                                | 62.7  | 1060.2           | 2.5                                  | P L 105 3 62.7             | T 112B2  | 22.0 |   |
| 46.6                                | 62.7  | 1048.9           | 1.4                                  | P - 112 3 62.7             | T 112B2  | 11.8 |   |
| 46.0                                | 31.3  | 1073.1           | 2.6                                  | P L 105 3 31.3             | T 112BL4 | 22.0 |   |
| 45.9                                | 63.9  | 1065.5           | 1.0                                  | P L 85 3 63.9              | T 132S2  | 11.0 |   |
| 45.7                                | 63.9  | 1068.9           | 1.0                                  | P L 85 3 63.9              | T 112B2  | 11.0 |   |
| 45.4                                | 32.1  | 1098.1           | 2.9                                  | P - 132 2 32.13            | T 132S4  | 30.0 |   |

5,5

E128

CT17 IGBD 4.0

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------|----------------------------|-----------------|----------|---|
| 5,5                                 | 45,3  | 21,4             | 1100,7                    | 0,8                        | P - 90 2 21.4   | T 132ML6 | 10,5                                      |
|                                     | 45,2  | 32,3             | 1103,9                    | 1,6                        | P - 112 2 32.3  | T 132S4  | 16,5                                      |
|                                     | 44,8  | 32,1             | 1113,3                    | 2,9                        | P - 132 2 32.13 | T 112BL4 | 30,0                                      |
|                                     | 44,8  | 65,4             | 1090,3                    | 1,8                        | P L 95 3 65.4   | T 132S2  | 16,0                                      |
|                                     | 44,7  | 21,7             | 1116,3                    | 1,7                        | P - 112 2 21.7  | T 132ML6 | 16,5                                      |
|                                     | 44,7  | 65,4             | 1094,0                    | 1,8                        | P L 95 3 65.4   | T 112B2  | 16,0                                      |
|                                     | 44,6  | 32,3             | 1119,3                    | 1,6                        | P - 112 2 32.3  | T 112BL4 | 16,5                                      |
|                                     | 44,4  | 32,9             | 1100,7                    | 1,9                        | P L 95 3 32.9   | T 132S4  | 16,0                                      |
|                                     | 43,8  | 32,9             | 1116,0                    | 1,9                        | P L 95 3 32.9   | T 112BL4 | 16,0                                      |
|                                     | 43,5  | 33,6             | 1146,6                    | 2,4                        | P - 132 2 33.55 | T 132S4  | 30,0                                      |
|                                     | 43,3  | 67,4             | 1127,6                    | 1,3                        | P - 112 3 67.4  | T 112B2  | 11,8                                      |
|                                     | 43,1  | 22,5             | 1145,3                    | 2,4                        | P L 105 3 22.5  | T 132ML6 | 22,0                                      |
|                                     | 42,9  | 33,6             | 1162,6                    | 2,4                        | P - 132 2 33.55 | T 112BL4 | 30,0                                      |
|                                     | 42,3  | 34,5             | 1154,4                    | 1,0                        | P L 85 3 34.5   | T 132S4  | 11,0                                      |
|                                     | 42,1  | 23,1             | 1186,6                    | 2,8                        | P - 132 2 23.07 | T 132ML6 | 30,0                                      |
|                                     | 41,7  | 34,5             | 1170,2                    | 0,9                        | P L 85 3 34.5   | T 112BL4 | 11,0                                      |
|                                     | 41,5  | 35,2             | 1190,3                    | 2,4                        | P L 105 3 35.2  | T 132S4  | 22,0                                      |
|                                     | 41,4  | 70,7             | 1191,5                    | 2,2                        | P L 105 3 70.7  | T 132S2  | 22,0                                      |
|                                     | 41,3  | 70,7             | 1195,5                    | 2,2                        | P L 105 3 70.7  | T 112B2  | 22,0                                      |
|                                     | 41,1  | 23,6             | 1188,6                    | 1,5                        | P L 95 3 23.6   | T 132ML6 | 16,0                                      |
|                                     | 40,9  | 35,2             | 1206,9                    | 2,3                        | P L 105 3 35.2  | T 112BL4 | 22,0                                      |
|                                     | 40,6  | 23,9             | 1216,4                    | 2,3                        | P L 105 3 23.9  | T 132ML6 | 22,0                                      |
|                                     | 40,2  | 72,6             | 1214,5                    | 1,2                        | P - 112 3 72.6  | T 112B2  | 11,8                                      |
|                                     | 39,6  | 74,0             | 1233,9                    | 0,9                        | P L 85 3 74     | T 132S2  | 11,0                                      |
|                                     | 39,5  | 36,9             | 1262,0                    | 2,4                        | P - 132 2 36.92 | T 132S4  | 30,0                                      |
|                                     | 39,5  | 74,2             | 1237,0                    | 1,7                        | P L 95 3 74.2   | T 132S2  | 16,0                                      |
|                                     | 39,5  | 74,0             | 1238,0                    | 0,9                        | P L 85 3 74     | T 112B2  | 11,0                                      |
|                                     | 39,4  | 74,2             | 1241,4                    | 1,7                        | P L 95 3 74.2   | T 112B2  | 16,0                                      |
|                                     | 39,0  | 36,9             | 1279,5                    | 2,3                        | P - 132 2 36.92 | T 112BL4 | 30,0                                      |
|                                     | 38,7  | 25,1             | 1291,0                    | 1,8                        | P - 125 2 25.1  | T 132ML6 | 21,0                                      |
|                                     | 38,2  | 38,2             | 1305,6                    | 1,8                        | P - 125 2 38.2  | T 132S4  | 21,0                                      |
|                                     | 38,2  | 25,4             | 1306,6                    | 1,3                        | P - 112 2 25.4  | T 132ML6 | 16,5                                      |
|                                     | 37,9  | 38,5             | 1302,0                    | 2,2                        | P L 105 3 38.5  | T 132S4  | 22,0                                      |
|                                     | 37,7  | 38,7             | 1294,6                    | 0,9                        | P L 85 3 38.7   | T 132S4  | 11,0                                      |
|                                     | 37,7  | 38,2             | 1323,6                    | 1,7                        | P - 125 2 38.2  | T 112BL4 | 21,0                                      |
|                                     | 37,5  | 38,9             | 1329,6                    | 1,3                        | P - 112 2 38.9  | T 132S4  | 16,5                                      |
|                                     | 37,4  | 38,5             | 1320,2                    | 2,1                        | P L 105 3 38.5  | T 112BL4 | 22,0                                      |
|                                     | 37,2  | 38,7             | 1312,6                    | 0,9                        | P L 85 3 38.7   | T 112BL4 | 11,0                                      |
|                                     | 37,2  | 78,5             | 1313,1                    | 1,1                        | P - 112 3 78.5  | T 112B2  | 11,8                                      |
|                                     | 37,0  | 38,9             | 1347,9                    | 1,3                        | P - 112 2 38.9  | T 112BL4 | 16,5                                      |
|                                     | 36,8  | 26,4             | 1355,6                    | 2,4                        | P - 132 2 26.35 | T 132ML6 | 30,0                                      |
|                                     | 36,7  | 79,8             | 1344,6                    | 2,0                        | P L 105 3 79.8  | T 132S2  | 22,0                                      |
|                                     | 36,6  | 79,8             | 1349,4                    | 2,0                        | P L 105 3 79.8  | T 112B2  | 22,0                                      |
|                                     | 36,1  | 40,5             | 1355,0                    | 1,6                        | P L 95 3 40.5   | T 132S4  | 16,0                                      |
|                                     | 35,9  | 40,7             | 1391,1                    | 1,3                        | P - 112 2 40.7  | T 132S4  | 16,5                                      |
|                                     | 35,7  | 40,9             | 1398,1                    | 2,1                        | P - 132 2 40.91 | T 132S4  | 30,0                                      |
|                                     | 35,6  | 40,5             | 1373,7                    | 1,5                        | P L 95 3 40.5   | T 112BL4 | 16,0                                      |
|                                     | 35,4  | 27,4             | 1379,9                    | 1,4                        | P L 95 3 27.4   | T 132ML6 | 16,0                                      |
|                                     | 35,4  | 40,7             | 1410,5                    | 1,2                        | P - 112 2 40.7  | T 112BL4 | 16,5                                      |
|                                     | 35,2  | 40,9             | 1417,5                    | 2,1                        | P - 132 2 40.91 | T 112BL4 | 30,0                                      |
| 34,1                                | 42,8  | 1462,9           | 2,9                       | P - 150 2 42.8             | T 132S4         | 38,0     |   |
| 34,1                                | 86,0  | 1433,7           | 1,5                       | P L 95 3 86                | T 132S2         | 16,0     |   |
| 34,0                                | 86,0  | 1438,9           | 1,5                       | P L 95 3 86                | T 112B2         | 16,0     |   |
| 33,9                                | 28,6  | 1455,6           | 1,9                       | P L 105 3 28.6             | T 132ML6        | 22,0     |   |
| 33,6                                | 42,8  | 1483,3           | 2,9                       | P - 150 2 42.8             | T 112BL4        | 38,0     |   |
| 33,5                                | 87,4  | 1472,9           | 1,9                       | P L 105 3 87.4             | T 132S2         | 22,0     |   |
| 33,5                                | 87,2  | 1474,3           | 3,0                       | P L 115 3 87.2             | T 112B2         | 26,0     |   |
| 33,5                                | 29,0  | 1491,7           | 2,3                       | P - 132 2 29               | T 132ML6        | 30,0     |   |
| 33,5                                | 87,3  | 1460,4           | 1,0                       | P - 112 3 87.3             | T 112B2         | 11,8     |   |
| 33,4                                | 87,4  | 1477,8           | 1,9                       | P L 105 3 87.4             | T 112B2         | 22,0     |   |
| 33,4                                | 43,7  | 1462,1           | 0,8                       | P L 85 3 43.7              | T 132S4         | 11,0     |   |
| 33,3                                | 29,1  | 1497,2           | 1,2                       | P - 112 2 29.1             | T 132ML6        | 16,5     |   |
| 33,0                                | 44,3  | 1513,8           | 1,5                       | P - 125 2 44.3             | T 132S4         | 21,0     |   |
| 33,0                                | 43,7  | 1482,5           | 0,8                       | P L 85 3 43.7              | T 112BL4        | 11,0     |   |
| 32,7                                | 44,7  | 1527,8           | 1,1                       | P - 112 2 44.7             | T 132S4         | 16,5     |   |
| 32,5                                | 44,9  | 1518,3           | 1,8                       | P L 105 3 44.9             | T 132S4         | 22,0     |   |
| 32,5                                | 44,3  | 1534,9           | 1,4                       | P - 125 2 44.3             | T 112BL4        | 21,0     |   |
| 32,3                                | 90,6  | 1526,7           | 1,9                       | P L 105 3 90.6             | T 132S2         | 22,0     |   |
| 32,2                                | 90,6  | 1531,9           | 1,9                       | P L 105 3 90.6             | T 112B2         | 22,0     |   |
| 32,2                                | 44,7  | 1549,2           | 1,1                       | P - 112 2 44.7             | T 112BL4        | 16,5     |   |
| 32,1                                | 30,2  | 1553,6           | 1,5                       | P - 125 2 30.2             | T 132ML6        | 21,0     |   |
| 32,1                                | 44,9  | 1539,5           | 1,8                       | P L 105 3 44.9             | T 112BL4        | 22,0     |   |
| 31,2                                | 93,6  | 1565,8           | 1,0                       | P - 112 3 93.6             | T 112B2         | 11,8     |   |
| 31,1                                | 46,9  | 1569,1           | 1,3                       | P L 95 3 46.9              | T 132S4         | 16,0     |   |
| 31,0                                | 31,3  | 1593,2           | 1,9                       | P L 105 3 31.3             | T 132ML6        | 22,0     |   |
| 30,9                                | 47,3  | 1616,4           | 2,5                       | P - 150 2 47.3             | T 132S4         | 38,0     |   |
| 30,7                                | 46,9  | 1591,1           | 1,3                       | P L 95 3 46.9              | T 112BL4        | 16,0     |   |
| 30,4                                | 47,3  | 1639,3           | 2,5                       | P - 150 2 47.3             | T 112BL4        | 38,0     |   |
| 30,2                                | 32,1  | 1633,8           | 2,9                       | P L 115 3 32.1             | T 132ML6        | 26,0     |   |
| 30,2                                | 32,1  | 1652,8           | 2,1                       | P - 132 2 32.13            | T 132ML6        | 30,0     |   |
| 30,0                                | 32,3  | 1661,5           | 1,1                       | P - 112 2 32.3             | T 132ML6        | 16,5     |   |
| 29,9                                | 48,9  | 1671,0           | 1,0                       | P - 112 2 48.9             | T 132S4         | 16,5     |   |
| 29,8                                | 98,4  | 1640,4           | 1,3                       | P L 95 3 98.4              | T 132S2         | 16,0     |   |
| 29,7                                | 98,4  | 1646,5           | 1,3                       | P L 95 3 98.4              | T 112B2         | 16,0     |   |
| 29,5                                | 32,9  | 1657,0           | 1,4                       | P L 95 3 32.9              | T 132ML6        | 16,0     |   |
| 29,5                                | 48,9  | 1694,2           | 1,0                       | P - 112 2 48.9             | T 112BL4        | 16,5     |   |
| 29,4                                | 49,7  | 1680,6           | 2,9                       | P L 115 3 49.7             | T 132S4         | 26,0     |   |
| 29,2                                | 100,4   | 1692,0           | 1,8                       | P L 105 3 100.4            | T 132S2         | 22,0     |   |
| 29,1                                | 100,4   | 1697,8           | 1,7                       | P L 105 3 100.4            | T 112B2         | 22,0     |   |
| 29,0                                | 49,7  | 1704,3           | 2,8                       | P L 115 3 49.7             | T 112BL4        | 26,0     |   |
| 28,9                                | 33,6  | 1726,1           | 1,8                       | P - 132 2 33.55            | T 132ML6        | 30,0     |   |
| 28,8                                | 50,7  | 1714,3           | 1,6                       | P L 105 3 50.7             | T 132S4         | 22,0     |   |
| 28,4                                | 50,7  | 1738,5           | 1,6                       | P L 105 3 50.7             | T 112BL4        | 22,0     |   |
| 28,2                                | 103,9   | 1750,9           | 2,5                       | P L 115 3 103.9            | T 132S2         | 26,0     |   |
| 28,1                                | 51,2  | 1737,3           | 1,0                       | P - 112 3 51.2             | T 112BL4        | 11,8     |   |



HIGH TECH line Motion



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 5,5                                 | 28,1  | 103,9            | 1757,1                               | 2,5                        | P L 115 3 103,9 | T 112B2  | 26,0                                      |
|                                     | 27,6  | 35,1             | 1805,4                               | 2,7                        | P - 150 2 35,1  | T 132ML6 | 38,0                                      |
|                                     | 27,6  | 35,2             | 1791,4                               | 1,7                        | P L 105 3 35,2  | T 132ML6 | 22,0                                      |
|                                     | 27,5  | 53,1             | 1814,4                               | 1,2                        | P - 125 2 53,1  | T 132S4  | 21,0                                      |
|                                     | 27,1  | 53,1             | 1840,0                               | 1,2                        | P - 125 2 53,1  | T 112BL4 | 21,0                                      |
|                                     | 26,9  | 108,4            | 1813,2                               | 0,8                        | P - 112 3 108,4 | T 112B2  | 11,8                                      |
|                                     | 26,9  | 54,3             | 1836,1                               | 2,7                        | P L 115 3 54,3  | T 132S4  | 26,0                                      |
|                                     | 26,7  | 54,7             | 1830,1                               | 1,1                        | P L 95 3 54,7   | T 132S4  | 16,0                                      |
|                                     | 26,6  | 55,0             | 1859,6                               | 1,6                        | P L 105 3 55    | T 132S4  | 22,0                                      |
|                                     | 26,5  | 54,3             | 1861,8                               | 2,7                        | P L 115 3 54,3  | T 112BL4 | 26,0                                      |
|                                     | 26,5  | 110,5            | 1861,8                               | 1,6                        | P L 105 3 110,5 | T 132S2  | 22,0                                      |
|                                     | 26,4  | 110,5            | 1868,1                               | 1,6                        | P L 105 3 110,5 | T 112B2  | 22,0                                      |
|                                     | 26,3  | 54,7             | 1855,1                               | 1,1                        | P L 95 3 54,7   | T 112BL4 | 16,0                                      |
|                                     | 26,3  | 36,9             | 1899,4                               | 1,7                        | P - 132 2 36,92 | T 132ML6 | 30,0                                      |
|                                     | 26,2  | 55,0             | 1886,0                               | 1,5                        | P L 105 3 55    | T 112BL4 | 22,0                                      |
|                                     | 25,6  | 114,3            | 1926,4                               | 2,3                        | P L 115 3 114,3 | T 132S2  | 26,0                                      |
|                                     | 25,6  | 37,9             | 1929,5                               | 2,5                        | P L 115 3 37,9  | T 132ML6 | 26,0                                      |
|                                     | 25,6  | 114,3            | 1932,4                               | 2,3                        | P L 115 3 114,3 | T 112B2  | 26,0                                      |
|                                     | 25,4  | 38,2             | 1965,2                               | 1,3                        | P - 125 2 38,2  | T 132ML6 | 21,0                                      |
|                                     | 25,4  | 57,5             | 1965,2                               | 1,1                        | P - 125 2 57,5  | T 132S4  | 21,0                                      |
|                                     | 25,3  | 116,0            | 1933,7                               | 1,1                        | P L 95 3 116    | T 132S2  | 16,0                                      |
|                                     | 25,2  | 38,5             | 1960,0                               | 1,6                        | P L 105 3 38,5  | T 132ML6 | 22,0                                      |
|                                     | 25,2  | 116,0            | 1940,9                               | 1,1                        | P L 95 3 116    | T 112B2  | 16,0                                      |
|                                     | 25,1  | 38,7             | 1991,2                               | 2,4                        | P - 150 2 38,7  | T 132ML6 | 38,0                                      |
|                                     | 25,0  | 57,5             | 1992,8                               | 1,1                        | P - 125 2 57,5  | T 112BL4 | 21,0                                      |
|                                     | 24,9  | 38,9             | 2000,6                               | 0,9                        | P - 112 2 38,9  | T 132ML6 | 16,5                                      |
|                                     | 24,6  | 58,5             | 1984,1                               | 0,9                        | P - 112 3 58,5  | T 112BL4 | 11,8                                      |
|                                     | 24,5  | 59,7             | 2018,5                               | 2,5                        | P L 115 3 59,7  | T 132S4  | 26,0                                      |
|                                     | 24,2  | 121,2            | 2042,8                               | 2,2                        | P L 115 3 121,2 | T 132S2  | 26,0                                      |
|                                     | 24,1  | 59,7             | 2047,0                               | 2,4                        | P L 115 3 59,7  | T 112BL4 | 26,0                                      |
|                                     | 24,1  | 121,2            | 2049,5                               | 2,2                        | P L 115 3 121,2 | T 112B2  | 26,0                                      |
|                                     | 24,0  | 40,5             | 2039,6                               | 1,1                        | P L 95 3 40,5   | T 132ML6 | 16,0                                      |
|                                     | 23,9  | 40,6             | 2066,7                               | 2,6                        | P L 115 3 40,6  | T 132ML6 | 26,0                                      |
|                                     | 23,8  | 40,7             | 2093,9                               | 0,9                        | P - 112 2 40,7  | T 132ML6 | 16,5                                      |
|                                     | 23,7  | 40,9             | 2104,6                               | 1,6                        | P - 132 2 40,91 | T 132ML6 | 30,0                                      |
|                                     | 23,3  | 62,7             | 2119,9                               | 1,4                        | P L 105 3 62,7  | T 132S4  | 22,0                                      |
|                                     | 23,2  | 126,1            | 2124,5                               | 1,4                        | P L 105 3 126,1 | T 132S2  | 22,0                                      |
|                                     | 23,2  | 126,1            | 2131,7                               | 1,4                        | P L 105 3 126,1 | T 112B2  | 22,0                                      |
|                                     | 23,0  | 62,7             | 2149,6                               | 1,3                        | P L 105 3 62,7  | T 112BL4 | 22,0                                      |
|                                     | 23,0  | 62,7             | 2126,6                               | 0,8                        | P - 112 3 62,7  | T 112BL4 | 11,8                                      |
|                                     | 22,8  | 64,1             | 2167,5                               | 2,2                        | P L 115 3 64,1  | T 132S4  | 26,0                                      |
|                                     | 22,7  | 42,8             | 2202,0                               | 2,1                        | P - 150 2 42,8  | T 132ML6 | 38,0                                      |
|                                     | 22,5  | 64,1             | 2198,4                               | 2,2                        | P L 115 3 64,1  | T 112BL4 | 26,0                                      |
|                                     | 22,3  | 65,4             | 2188,5                               | 1,0                        | P L 95 3 65,4   | T 132S4  | 16,0                                      |
|                                     | 22,0  | 65,4             | 2218,6                               | 1,0                        | P L 95 3 65,4   | T 112BL4 | 16,0                                      |
|                                     | 21,9  | 44,3             | 2278,4                               | 1,1                        | P - 125 2 44,3  | T 132ML6 | 21,0                                      |
|                                     | 21,8  | 134,4            | 2240,5                               | 0,9                        | P L 95 3 134,4  | T 132S2  | 16,0                                      |
|                                     | 21,7  | 134,4            | 2248,0                               | 0,9                        | P L 95 3 134,4  | T 112B2  | 16,0                                      |
|                                     | 21,6  | 44,9             | 2285,9                               | 1,3                        | P L 105 3 44,9  | T 132ML6 | 22,0                                      |
|                                     | 21,6  | 135,8            | 2287,9                               | 2,0                        | P L 115 3 135,8 | T 132S2  | 26,0                                      |
| 21,5                                | 135,8   | 2296,3           | 2,0                                  | P L 115 3 135,8            | T 112B2         | 26,0     |   |
| 21,3                                | 45,5  | 2315,9           | 2,4                                  | P L 115 3 45,5             | T 132ML6        | 26,0     |   |
| 20,9                                | 139,9   | 2357,8           | 1,3                                  | P L 105 3 139,9            | T 132S2         | 22,0     |   |
| 20,9                                | 139,9   | 2365,8           | 1,3                                  | P L 105 3 139,9            | T 112B2         | 22,0     |   |
| 20,7                                | 141,7   | 2387,5           | 2,8                                  | P L 125 3 141,7            | T 132S2         | 33,0     |   |
| 20,7                                | 46,9  | 2362,2           | 1,0                                  | P L 95 3 46,9              | T 132ML6        | 16,0     |   |
| 20,7                                | 70,7  | 2390,9           | 1,2                                  | P L 105 3 70,7             | T 132S4         | 22,0     |   |
| 20,6                                | 141,7   | 2395,6           | 2,8                                  | P L 125 3 141,7            | T 112B2         | 33,0     |   |
| 20,5                                | 47,3  | 2432,8           | 1,8                                  | P - 150 2 47,3             | T 132ML6        | 38,0     |   |
| 20,4                                | 70,7  | 2424,0           | 1,2                                  | P L 105 3 70,7             | T 112BL4        | 22,0     |   |
| 19,8                                | 73,8  | 2496,1           | 2,0                                  | P L 115 3 73,8             | T 132S4         | 26,0     |   |
| 19,8                                | 148,2   | 2497,5           | 1,8                                  | P L 115 3 148,2            | T 132S2         | 26,0     |   |
| 19,7                                | 148,2   | 2506,3           | 1,8                                  | P L 115 3 148,2            | T 112B2         | 26,0     |   |
| 19,7                                | 74,2  | 2482,1           | 1,0                                  | P L 95 3 74,2              | T 132S4         | 16,0     |   |
| 19,5                                | 49,7  | 2529,3           | 2,1                                  | P L 115 3 49,7             | T 132ML6        | 26,0     |   |
| 19,5                                | 73,8  | 2530,6           | 2,0                                  | P L 115 3 73,8             | T 112BL4        | 26,0     |   |
| 19,4                                | 74,2  | 2516,7           | 1,0                                  | P L 95 3 74,2              | T 112BL4        | 16,0     |   |
| 19,3                                | 151,5   | 2444,4           | 1,3                                  | P E 125 151,48             | T 132S2         | 10,5     |   |
| 19,3                                | 75,7  | 2559,6           | 2,9                                  | P L 125 3 75,7             | T 132S4         | 33,0     |   |
| 19,3                                | 151,5   | 2451,9           | 1,3                                  | P E 125 151,48             | T 112B2         | 10,5     |   |
| 19,1                                | 50,7  | 2581,1           | 1,2                                  | P L 105 3 50,7             | T 132ML6        | 22,0     |   |
| 19,0                                | 153,9   | 2593,0           | 1,2                                  | P L 105 3 153,9            | T 132S2         | 22,0     |   |
| 19,0                                | 75,7  | 2595,8           | 2,9                                  | P L 125 3 75,7             | T 112BL4        | 33,0     |   |
| 19,0                                | 153,9   | 2602,9           | 1,2                                  | P L 105 3 153,9            | T 112B2         | 22,0     |   |
| 18,9                                | 155,1   | 2613,7           | 2,6                                  | P L 125 3 155,1            | T 132S2         | 33,0     |   |
| 18,8                                | 155,1   | 2622,0           | 2,6                                  | P L 125 3 155,1            | T 112B2         | 33,0     |   |
| 18,5                                | 158,6   | 2558,1           | 1,4                                  | P E 132 158,56             | T 132S2         | 12,0     |   |
| 18,4                                | 158,6   | 2566,3           | 1,4                                  | P E 132 158,56             | T 112B2         | 12,0     |   |
| 18,3                                | 79,8  | 2697,8           | 1,1                                  | P L 105 3 79,8             | T 132S4         | 22,0     |   |
| 18,3                                | 53,1  | 2731,3           | 0,9                                  | P - 125 2 53,1             | T 132ML6        | 21,0     |   |
| 18,1                                | 79,8  | 2735,4           | 1,1                                  | P L 105 3 79,8             | T 112BL4        | 22,0     |   |
| 18,0                                | 81,0  | 2740,0           | 2,7                                  | P L 125 3 81               | T 132S4         | 33,0     |   |
| 18,0                                | 81,3  | 2749,2           | 1,8                                  | P L 115 3 81,3             | T 132S4         | 26,0     |   |
| 18,0                                | 163,1   | 2749,1           | 1,6                                  | P L 115 3 163,1            | T 132S2         | 26,0     |   |
| 17,9                                | 163,1   | 2758,3           | 1,6                                  | P L 115 3 163,1            | T 112B2         | 26,0     |   |
| 17,9                                | 54,3  | 2764,5           | 2,0                                  | P L 115 3 54,3             | T 132ML6        | 26,0     |   |
| 17,8                                | 81,0  | 2776,8           | 2,7                                  | P L 125 3 81               | T 112BL4        | 33,0     |   |
| 17,7                                | 54,7  | 2754,8           | 0,8                                  | P L 95 3 54,7              | T 132ML6        | 16,0     |   |
| 17,7                                | 81,3  | 2787,9           | 1,8                                  | P L 115 3 81,3             | T 112BL4        | 26,0     |   |
| 17,6                                | 55,0  | 2798,7           | 1,1                                  | P L 105 3 55               | T 132ML6        | 22,0     |   |
| 17,3                                | 169,2   | 2850,4           | 1,1                                  | P L 105 3 169,2            | T 132S2         | 22,0     |   |
| 17,3                                | 169,2   | 2860,8           | 1,1                                  | P L 105 3 169,2            | T 112B2         | 22,0     |   |
| 17,2                                | 170,7   | 2877,2           | 2,3                                  | P L 125 3 170,7            | T 132S2         | 33,0     |   |
| 17,1                                | 170,7   | 2885,7           | 2,3                                  | P L 125 3 170,7            | T 112B2         | 33,0     |   |
| 17,0                                | 86,0  | 2877,1           | 0,8                                  | P L 95 3 86                | T 132S4         | 16,0     |   |

E130

CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 16.9                                | 173.5   | 173.5            | 2798.8                               | 1.3                        | P E 132 173.51  | T 132S2  | 12.0                                      |
| 16.9                                | 57.5  | 57.5             | 2957.5                               | 0.8                        | P - 125 2 57.5  | T 132ML6 | 21.0                                      |
| 16.8                                | 173.5   | 173.5            | 2809.0                               | 1.2                        | P E 132 173.51  | T 112B2  | 12.0                                      |
| 16.7                                | 87.2  | 87.2             | 2949.5                               | 1.7                        | P L 115 3 87.2  | T 132S4  | 26.0                                      |
| 16.7                                | 86.0  | 86.0             | 2917.8                               | 0.8                        | P L 95 3 86     | T 112BL4 | 16.0                                      |
| 16.7                                | 87.4  | 87.4             | 2956.5                               | 1.0                        | P L 105 3 87.4  | T 132S4  | 22.0                                      |
| 16.5                                | 88.3  | 88.3             | 2987.0                               | 2.5                        | P L 125 3 88.3  | T 132S4  | 33.0                                      |
| 16.5                                | 87.2  | 87.2             | 2990.5                               | 1.6                        | P L 115 3 87.2  | T 112BL4 | 26.0                                      |
| 16.5                                | 87.4  | 87.4             | 2996.0                               | 1.0                        | P L 105 3 87.4  | T 112BL4 | 22.0                                      |
| 16.3                                | 88.3  | 88.3             | 3027.3                               | 2.5                        | P L 125 3 88.3  | T 112BL4 | 33.0                                      |
| 16.3                                | 59.7  | 59.7             | 3038.3                               | 1.8                        | P L 115 3 59.7  | T 132ML6 | 26.0                                      |
| 16.1                                | 90.6  | 90.6             | 3064.6                               | 1.0                        | P L 105 3 90.6  | T 132S4  | 22.0                                      |
| 15.9                                | 90.6  | 90.6             | 3107.3                               | 1.0                        | P L 105 3 90.6  | T 112BL4 | 22.0                                      |
| 15.8                                | 185.2   | 185.2            | 3121.1                               | 1.0                        | P L 105 3 185.2 | T 132S2  | 22.0                                      |
| 15.8                                | 185.6   | 185.6            | 2995.7                               | 1.1                        | P E 125 185.62  | T 132S2  | 10.5                                      |
| 15.8                                | 185.2   | 185.2            | 3130.6                               | 1.0                        | P L 105 3 185.2 | T 112B2  | 22.0                                      |
| 15.7                                | 185.6   | 185.6            | 3005.5                               | 1.1                        | P E 125 185.62  | T 112B2  | 10.5                                      |
| 15.5                                | 189.1   | 189.1            | 3187.5                               | 2.1                        | P L 125 3 189.1 | T 132S2  | 33.0                                      |
| 15.5                                | 62.7  | 62.7             | 3191.7                               | 1.0                        | P L 105 3 62.7  | T 132ML6 | 22.0                                      |
| 15.4                                | 189.1   | 189.1            | 3197.7                               | 2.1                        | P L 125 3 189.1 | T 112B2  | 33.0                                      |
| 15.4                                | 190.3   | 190.3            | 3206.0                               | 1.4                        | P L 115 3 190.3 | T 132S2  | 26.0                                      |
| 15.3                                | 190.3   | 190.3            | 3218.5                               | 1.4                        | P L 115 3 190.3 | T 112B2  | 26.0                                      |
| 15.3                                | 191.0   | 191.0            | 3081.5                               | 1.1                        | P E 132 190.95  | T 132S2  | 12.0                                      |
| 15.3                                | 191.0   | 191.0            | 3091.9                               | 1.1                        | P E 132 190.95  | T 112B2  | 12.0                                      |
| 15.3                                | 63.5  | 63.5             | 3231.3                               | 2.5                        | P L 125 3 63.5  | T 132ML6 | 33.0                                      |
| 15.1                                | 64.1  | 64.1             | 3263.2                               | 1.6                        | P L 115 3 64.1  | T 132ML6 | 26.0                                      |
| 15.0                                | 97.6  | 97.6             | 3300.3                               | 2.3                        | P L 125 3 97.6  | T 132S4  | 33.0                                      |
| 14.8                                | 97.6  | 97.6             | 3347.4                               | 2.2                        | P L 125 3 97.6  | T 112BL4 | 33.0                                      |
| 14.6                                | 201.0   | 201.0            | 3386.4                               | 2.8                        | P L 135 3 201   | T 132S2  | 40.0                                      |
| 14.5                                | 100.4   | 100.4            | 3395.7                               | 1.0                        | P L 105 3 100.4 | T 132S4  | 22.0                                      |
| 14.3                                | 100.4   | 100.4            | 3443.4                               | 1.0                        | P L 105 3 100.4 | T 112BL4 | 22.0                                      |
| 14.1                                | 103.9   | 103.9            | 3514.1                               | 1.4                        | P L 115 3 103.9 | T 132S4  | 26.0                                      |
| 14.0                                | 69.2  | 69.2             | 3521.6                               | 2.3                        | P L 125 3 69.2  | T 132ML6 | 33.0                                      |
| 13.9                                | 210.3   | 210.3            | 3544.3                               | 1.3                        | P L 115 3 210.3 | T 132S2  | 26.0                                      |
| 13.9                                | 210.3   | 210.3            | 3557.1                               | 1.3                        | P L 115 3 210.3 | T 112B2  | 26.0                                      |
| 13.9                                | 103.9   | 103.9            | 3562.5                               | 1.4                        | P L 115 3 103.9 | T 112BL4 | 26.0                                      |
| 13.8                                | 212.6   | 212.6            | 3430.8                               | 1.0                        | P E 132 212.62  | T 132S2  | 12.0                                      |
| 13.8                                | 106.2   | 106.2            | 3590.7                               | 2.1                        | P L 125 3 106.2 | T 132S4  | 33.0                                      |
| 13.7                                | 212.6   | 212.6            | 3443.0                               | 1.0                        | P E 132 212.62  | T 112B2  | 12.0                                      |
| 13.7                                | 70.7  | 70.7             | 3598.3                               | 0.9                        | P L 105 3 70.7  | T 132ML6 | 22.0                                      |
| 13.6                                | 215.0   | 215.0            | 3468.3                               | 2.3                        | P E 170 215.02  | T 132S2  | 21.0                                      |
| 13.6                                | 215.0   | 215.0            | 3481.0                               | 2.3                        | P E 170 215.02  | T 112B2  | 21.0                                      |
| 13.6                                | 106.2   | 106.2            | 3641.1                               | 2.1                        | P L 125 3 106.2 | T 112BL4 | 33.0                                      |
| 13.5                                | 216.6   | 216.6            | 3493.7                               | 1.5                        | P E 150 216.61  | T 132S2  | 16.0                                      |
| 13.5                                | 216.6   | 216.6            | 3506.9                               | 1.5                        | P E 150 216.61  | T 112B2  | 16.0                                      |
| 13.3                                | 110.1   | 110.1            | 3723.4                               | 2.8                        | P L 135 3 110.1 | T 132S4  | 40.0                                      |
| 13.3                                | 221.2   | 221.2            | 3726.3                               | 2.5                        | P L 135 3 221.2 | T 132S2  | 40.0                                      |
| 13.2                                | 110.5   | 110.5            | 3737.6                               | 0.9                        | P L 105 3 110.5 | T 132S4  | 22.0                                      |
| 13.1                                | 73.8  | 73.8             | 3757.3                               | 1.4                        | P L 115 3 73.8  | T 132ML6 | 26.0                                      |
| 13.0                                | 110.5   | 110.5            | 3789.1                               | 0.9                        | P L 105 3 110.5 | T 112BL4 | 22.0                                      |
| 12.9                                | 227.3   | 227.3            | 3667.4                               | 0.9                        | P E 125 227.28  | T 132S2  | 10.5                                      |
| 12.9                                | 227.3   | 227.3            | 3678.9                               | 0.9                        | P E 125 227.28  | T 112B2  | 10.5                                      |
| 12.8                                | 75.7  | 75.7             | 3854.3                               | 2.1                        | P L 125 3 75.7  | T 132ML6 | 33.0                                      |
| 12.8                                | 114.3   | 114.3            | 3866.2                               | 1.3                        | P L 115 3 114.3 | T 132S4  | 26.0                                      |
| 12.8                                | 229.4   | 229.4            | 3866.6                               | 1.2                        | P L 115 3 229.4 | T 132S2  | 26.0                                      |
| 12.7                                | 229.4   | 229.4            | 3878.7                               | 1.2                        | P L 115 3 229.4 | T 112B2  | 26.0                                      |
| 12.6                                | 114.3   | 114.3            | 3918.5                               | 1.3                        | P L 115 3 114.3 | T 112BL4 | 26.0                                      |
| 12.6                                | 116.3   | 116.3            | 3934.2                               | 1.9                        | P L 125 3 116.3 | T 132S4  | 33.0                                      |
| 12.5                                | 234.0   | 234.0            | 3776.0                               | 0.9                        | P E 132 234     | T 132S2  | 12.0                                      |
| 12.5                                | 77.6  | 77.6             | 3949.8                               | 2.9                        | P L 135 3 77.6  | T 132ML6 | 40.0                                      |
| 12.5                                | 234.0   | 234.0            | 3787.9                               | 0.9                        | P E 132 234     | T 112B2  | 12.0                                      |
| 12.4                                | 116.3   | 116.3            | 3988.2                               | 1.9                        | P L 125 3 116.3 | T 112BL4 | 33.0                                      |
| 12.2                                | 79.8  | 79.8             | 4060.7                               | 0.8                        | P L 105 3 79.8  | T 132ML6 | 22.0                                      |
| 12.1                                | 121.2   | 121.2            | 4097.1                               | 1.2                        | P L 115 3 121.2 | T 132S4  | 26.0                                      |
| 12.0                                | 121.8   | 121.8            | 4117.9                               | 2.6                        | P L 135 3 121.8 | T 132S4  | 40.0                                      |
| 12.0                                | 81.0  | 81.0             | 4121.3                               | 2.0                        | P L 125 3 81    | T 132ML6 | 33.0                                      |
| 12.0                                | 245.1   | 245.1            | 4131.6                               | 2.3                        | P L 135 3 245.1 | T 132S2  | 40.0                                      |
| 11.9                                | 81.3  | 81.3             | 4138.5                               | 1.3                        | P L 115 3 81.3  | T 132ML6 | 26.0                                      |
| 11.9                                | 121.2   | 121.2            | 4156.0                               | 1.2                        | P L 115 3 121.2 | T 112BL4 | 26.0                                      |
| 11.9                                | 246.9   | 246.9            | 3982.5                               | 2.9                        | P E 190 246.94  | T 132S2  | 27.0                                      |
| 11.9                                | 246.9   | 246.9            | 3982.7                               | 2.0                        | P E 170 246.94  | T 132S2  | 21.0                                      |
| 11.8                                | 246.9   | 246.9            | 3999.4                               | 2.9                        | P E 190 246.94  | T 112B2  | 27.0                                      |
| 11.8                                | 246.9   | 246.9            | 3999.5                               | 2.0                        | P E 170 246.94  | T 112B2  | 21.0                                      |
| 11.6                                | 84.0  | 84.0             | 4274.7                               | 2.7                        | P L 135 3 84    | T 132ML6 | 40.0                                      |
| 11.4                                | 127.9   | 127.9            | 4323.4                               | 1.7                        | P L 125 3 127.9 | T 132S4  | 33.0                                      |
| 11.3                                | 127.9   | 127.9            | 4385.0                               | 1.7                        | P L 125 3 127.9 | T 112BL4 | 33.0                                      |
| 11.3                                | 260.3   | 260.3            | 4202.1                               | 0.8                        | P E 132 260.34  | T 132S2  | 12.0                                      |
| 11.2                                | 260.3   | 260.3            | 4213.2                               | 0.8                        | P E 132 260.34  | T 112B2  | 12.0                                      |
| 11.1                                | 87.2  | 87.2             | 4439.9                               | 1.2                        | P L 115 3 87.2  | T 132ML6 | 26.0                                      |
| 11.0                                | 265.4   | 265.4            | 4282.0                               | 1.3                        | P E 150 265.44  | T 132S2  | 16.0                                      |
| 11.0                                | 265.4   | 265.4            | 4297.5                               | 1.3                        | P E 150 265.44  | T 112B2  | 16.0                                      |
| 11.0                                | 88.3  | 88.3             | 4492.7                               | 1.8                        | P L 125 3 88.3  | T 132ML6 | 33.0                                      |
| 11.0                                | 267.7   | 267.7            | 4509.0                               | 1.0                        | P L 115 3 267.7 | T 132S2  | 26.0                                      |
| 10.9                                | 267.7   | 267.7            | 4525.5                               | 1.0                        | P L 115 3 267.7 | T 112B2  | 26.0                                      |
| 10.9                                | 268.9   | 268.9            | 4336.9                               | 2.7                        | P E 190 268.91  | T 132S2  | 27.0                                      |
| 10.9                                | 268.8   | 268.8            | 4337.0                               | 1.9                        | P E 170 268.78  | T 132S2  | 21.0                                      |
| 10.9                                | 134.1   | 134.1            | 4533.7                               | 2.3                        | P L 135 3 134.1 | T 132S4  | 40.0                                      |
| 10.9                                | 268.9   | 268.9            | 4352.8                               | 2.6                        | P E 190 268.91  | T 112B2  | 27.0                                      |
| 10.9                                | 268.8   | 268.8            | 4352.7                               | 1.9                        | P E 170 268.78  | T 112B2  | 21.0                                      |
| 10.8                                | 135.8   | 135.8            | 4592.5                               | 1.1                        | P L 115 3 135.8 | T 132S4  | 26.0                                      |
| 10.6                                | 91.4  | 91.4             | 4653.4                               | 2.5                        | P L 135 3 91.4  | T 132ML6 | 40.0                                      |
| 10.6                                | 135.8   | 135.8            | 4657.9                               | 1.1                        | P L 115 3 135.8 | T 112BL4 | 26.0                                      |
| 10.4                                | 280.9   | 280.9            | 4532.3                               | 1.2                        | P E 150 280.94  | T 132S2  | 16.0                                      |
| 10.4                                | 140.1   | 140.1            | 4738.3                               | 2.2                        | P L 135 3 140.1 | T 132S4  | 40.0                                      |

5,5





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 5,5                                 | 10,4  | 280,9            | 4549,6                                | 1,2                        | P E 150 280,94  | T 112B2   | 16,0                                      |
|                                     | 10,3  | 141,7            | 4793,7                                | 1,6                        | P L 125 3 141,7   | T 132S4   | 33,0                                      |
|                                     | 10,2  | 141,7            | 4859,8                                | 1,5                        | P L 125 3 141,7   | T 112BL4  | 33,0                                      |
|                                     | 10,1  | 290,0            | 4888,4                                | 0,9                        | P L 115 3 290   | T 132S2   | 26,0                                      |
|                                     | 10,1  | 290,0            | 4902,9                                | 0,9                        | P L 115 3 290   | T 112B2   | 26,0                                      |
|                                     | 10,1  | 291,5            | 4703,7                                | 2,4                        | P E 190 291,48  | T 132S2   | 27,0                                      |
|                                     | 10,0  | 291,5            | 4717,7                                | 2,4                        | P E 190 291,48  | T 112B2   | 27,0                                      |
|                                     | 9,9   | 97,6             | 4967,2                                | 1,6                        | P L 125 3 97,6  | T 132ML6  | 33,0                                      |
|                                     | 9,9   | 148,2            | 5012,8                                | 1,0                        | P L 115 3 148,2   | T 132S4   | 26,0                                      |
|                                     | 9,7   | 148,2            | 5079,4                                | 1,0                        | P L 115 3 148,2   | T 112BL4  | 26,0                                      |
|                                     | 9,7   | 302,0            | 4873,6                                | 1,7                        | P E 170 301,96  | T 132S2   | 21,0                                      |
|                                     | 9,7   | 302,5            | 4878,5                                | 2,4                        | P E 190 302,51  | T 132S2   | 27,0                                      |
|                                     | 9,7   | 100,1            | 5095,3                                | 2,2                        | P L 135 3 100,1   | T 132ML6  | 40,0                                      |
|                                     | 9,7   | 302,0            | 4888,6                                | 1,7                        | P E 170 301,96  | T 112B2   | 21,0                                      |
|                                     | 9,7   | 302,5            | 4898,5                                | 2,3                        | P E 190 302,51  | T 112B2   | 27,0                                      |
|                                     | 9,5   | 153,3            | 5186,3                                | 2,0                        | P L 135 3 153,3   | T 132S4   | 40,0                                      |
|                                     | 9,4   | 310,5            | 5007,6                                | 1,1                        | P E 150 310,47  | T 132S2   | 16,0                                      |
|                                     | 9,4   | 155,1            | 5246,8                                | 1,4                        | P L 125 3 155,1   | T 132S4   | 33,0                                      |
|                                     | 9,4   | 310,5            | 5023,7                                | 1,1                        | P E 150 310,47  | T 112B2   | 16,0                                      |
|                                     | 9,3   | 103,9            | 5286,0                                | 1,0                        | P L 115 3 103,9   | T 132ML6  | 26,0                                      |
|                                     | 9,3   | 155,1            | 5320,5                                | 1,4                        | P L 125 3 155,1   | T 112BL4  | 33,0                                      |
|                                     | 9,2   | 317,4            | 5121,5                                | 2,2                        | P E 190 317,42  | T 132S2   | 27,0                                      |
|                                     | 9,2   | 317,4            | 5138,5                                | 2,2                        | P E 190 317,42  | T 112B2   | 27,0                                      |
|                                     | 9,1   | 106,2            | 5408,0                                | 1,5                        | P L 125 3 106,2   | T 132ML6  | 33,0                                      |
|                                     | 9,0   | 325,0            | 5240,9                                | 1,0                        | P E 150 325   | T 132S2   | 16,0                                      |
|                                     | 9,0   | 325,0            | 5264,1                                | 1,0                        | P E 150 325   | T 112B2   | 16,0                                      |
|                                     | 9,0   | 163,1            | 5516,5                                | 0,9                        | P L 115 3 163,1   | T 132S4   | 26,0                                      |
|                                     | 8,9   | 329,4            | 5317,4                                | 2,2                        | P E 190 329,43  | T 132S2   | 27,0                                      |
|                                     | 8,9   | 329,4            | 5335,3                                | 2,2                        | P E 190 329,43  | T 112B2   | 27,0                                      |
|                                     | 8,9   | 330,6            | 5335,3                                | 1,5                        | P E 170 330,6   | T 132S2   | 21,0                                      |
|                                     | 8,8   | 330,6            | 5353,9                                | 1,5                        | P E 170 330,6   | T 112B2   | 21,0                                      |
|                                     | 8,8   | 163,1            | 5591,7                                | 0,9                        | P L 115 3 163,1   | T 112BL4  | 26,0                                      |
|                                     | 8,8   | 110,1            | 5604,4                                | 2,0                        | P L 135 3 110,1   | T 132ML6  | 40,0                                      |
|                                     | 8,7   | 168,7            | 5707,6                                | 1,8                        | P L 135 3 168,7   | T 132S4   | 40,0                                      |
|                                     | 8,6   | 170,7            | 5774,9                                | 1,3                        | P L 125 3 170,7   | T 132S4   | 33,0                                      |
|                                     | 8,5   | 114,3            | 5815,1                                | 0,9                        | P L 115 3 114,3   | T 132ML6  | 26,0                                      |
|                                     | 8,4   | 347,4            | 5600,8                                | 2,1                        | P E 190 347,35  | T 132S2   | 27,0                                      |
|                                     | 8,4   | 170,7            | 5850,2                                | 1,3                        | P L 125 3 170,7   | T 112BL4  | 33,0                                      |
|                                     | 8,4   | 347,4            | 5621,2                                | 2,0                        | P E 190 347,35  | T 112B2   | 27,0                                      |
|                                     | 8,3   | 116,3            | 5920,5                                | 1,4                        | P L 125 3 116,3   | T 132ML6  | 33,0                                      |
|                                     | 8,2   | 357,1            | 5765,2                                | 2,0                        | P E 190 357,1   | T 132S2   | 27,0                                      |
|                                     | 8,2   | 357,1            | 5764,8                                | 1,4                        | P E 170 357,1   | T 132S2   | 21,0                                      |
|                                     | 8,2   | 357,1            | 5778,9                                | 2,0                        | P E 190 357,1   | T 112B2   | 27,0                                      |
|                                     | 8,2   | 357,1            | 5779,0                                | 1,4                        | P E 170 357,1   | T 112B2   | 21,0                                      |
|                                     | 8,2   | 359,2            | 5792,9                                | 0,9                        | P E 150 359,17  | T 132S2   | 16,0                                      |
|                                     | 8,1   | 359,2            | 5814,4                                | 0,9                        | P E 150 359,17  | T 112B2   | 16,0                                      |
|                                     | 8,0   | 182,2            | 5901,8                                | 2,1                        | P E 190 182,17  | T 132S4   | 27,0                                      |
|                                     | 8,0   | 121,2            | 6171,1                                | 0,9                        | P L 115 3 121,2   | T 132ML6  | 26,0                                      |
|                                     | 8,0   | 121,8            | 6202,6                                | 1,8                        | P L 135 3 121,8   | T 132ML6  | 40,0                                      |
|                                     | 8,0   | 183,7            | 6210,3                                | 1,7                        | P L 135 3 183,7   | T 132S4   | 40,0                                      |
| 7,9                                 | 182,2   | 5984,0           | 2,1                                   | P E 190 182,17             | T 112BL4  | 27,0  |   |
| 7,8                                 | 377,5   | 6091,9           | 1,3                                   | P E 170 377,45             | T 132S2   | 21,0  |   |
| 7,7                                 | 377,5   | 6107,8           | 1,3                                   | P E 170 377,45             | T 112B2   | 21,0  |   |
| 7,7                                 | 189,1   | 6395,3           | 1,2                                   | P L 125 3 189,1            | T 132S4   | 33,0  |   |
| 7,7                                 | 380,8   | 6147,8           | 0,9                                   | P E 150 380,82             | T 132S2   | 16,0  |   |
| 7,7                                 | 380,8   | 6163,1           | 0,9                                   | P E 150 380,82             | T 112B2   | 16,0  |   |
| 7,6                                 | 189,1   | 6479,7           | 1,2                                   | P L 125 3 189,1            | T 112BL4  | 33,0  |   |
| 7,6                                 | 127,9   | 6513,7           | 1,3                                   | P L 125 3 127,9            | T 132ML6  | 33,0  |   |
| 7,5                                 | 388,9   | 6277,9           | 1,8                                   | P E 190 388,88             | T 132S2   | 27,0  |   |
| 7,5                                 | 388,9   | 6294,8           | 1,8                                   | P E 190 388,88             | T 112B2   | 27,0  |   |
| 7,3                                 | 201,0   | 6800,5           | 1,5                                   | P L 135 3 201              | T 132S4   | 40,0  |   |
| 7,2                                 | 134,1   | 6829,0           | 1,7                                   | P L 135 3 134,1            | T 132ML6  | 40,0  |   |
| 7,2                                 | 409,3   | 6602,0           | 1,2                                   | P E 170 409,33             | T 132S2   | 21,0  |   |
| 7,1                                 | 409,3   | 6630,5           | 1,2                                   | P E 170 409,33             | T 112B2   | 21,0  |   |
| 6,9                                 | 210,7   | 6821,1           | 1,8                                   | P E 190 210,74             | T 132S4   | 27,0  |   |
| 6,9                                 | 140,1   | 7135,1           | 1,6                                   | P L 135 3 140,1            | T 132ML6  | 40,0  |   |
| 6,9                                 | 425,6   | 6860,8           | 1,7                                   | P E 190 425,55             | T 132S2   | 27,0  |   |
| 6,9                                 | 425,6   | 6890,7           | 1,7                                   | P E 190 425,55             | T 112B2   | 27,0  |   |
| 6,9                                 | 141,7   | 7207,7           | 1,1                                   | P L 125 3 141,7            | T 132ML6  | 33,0  |   |
| 6,8                                 | 210,7   | 6921,4           | 1,8                                   | P E 190 210,74             | T 112BL4  | 27,0  |   |
| 6,8                                 | 215,0   | 6962,0           | 1,3                                   | P E 170 215,02             | T 132S4   | 21,0  |   |
| 6,7                                 | 216,6   | 7013,8           | 0,9                                   | P E 150 216,61             | T 132S4   | 16,0  |   |
| 6,7                                 | 215,0   | 7055,3           | 1,3                                   | P E 170 215,02             | T 112BL4  | 21,0  |   |
| 6,7                                 | 216,6   | 7109,0           | 0,8                                   | P E 150 216,61             | T 112BL4  | 16,0  |   |
| 6,6                                 | 221,2   | 7480,6           | 1,4                                   | P L 135 3 221,2            | T 132S4   | 40,0  |   |
| 6,6                                 | 445,6   | 7184,3           | 1,1                                   | P E 170 445,6              | T 132S2   | 21,0  |   |
| 6,6                                 | 445,6   | 7216,9           | 1,1                                   | P E 170 445,6              | T 112B2   | 21,0  |   |
| 6,5                                 | 448,2   | 7228,6           | 1,6                                   | P E 190 448,15             | T 132S2   | 27,0  |   |
| 6,5                                 | 448,2   | 7250,1           | 1,6                                   | P E 190 448,15             | T 112B2   | 27,0  |   |
| 6,3                                 | 153,3   | 7799,7           | 1,5                                   | P L 135 3 153,3            | T 132ML6  | 40,0  |   |
| 6,3                                 | 155,1   | 7899,8           | 1,0                                   | P L 125 3 155,1            | T 132ML6  | 33,0  |   |
| 6,1                                 | 483,2   | 7800,9           | 1,5                                   | P E 190 483,23             | T 132S2   | 27,0  |   |
| 6,1                                 | 483,2   | 7800,7           | 1,0                                   | P E 170 483,23             | T 132S2   | 21,0  |   |
| 6,0                                 | 483,2   | 7827,0           | 1,5                                   | P E 190 483,23             | T 112B2   | 27,0  |   |
| 6,0                                 | 483,2   | 7826,8           | 1,0                                   | P E 170 483,23             | T 112B2   | 21,0  |   |
| 6,0                                 | 245,1   | 8284,3           | 1,3                                   | P L 135 3 245,1            | T 132S4   | 40,0  |   |
| 5,9                                 | 246,9   | 7998,8           | 1,6                                   | P E 190 246,94             | T 132S4   | 27,0  |   |
| 5,9                                 | 246,9   | 7999,4           | 1,1                                   | P E 170 246,94             | T 132S4   | 21,0  |   |
| 5,8                                 | 246,9   | 8108,3           | 1,5                                   | P E 190 246,94             | T 112BL4  | 27,0  |   |
| 5,8                                 | 246,9   | 8108,1           | 1,1                                   | P E 170 246,94             | T 112BL4  | 21,0  |   |
| 5,8                                 | 168,7   | 8586,8           | 1,3                                   | P L 135 3 168,7            | T 132ML6  | 40,0  |   |
| 5,7                                 | 170,7   | 8693,3           | 0,9                                   | P L 125 3 170,7            | T 132ML6  | 33,0  |   |
| 5,6                                 | 520,0   | 8396,2           | 1,0                                   | P E 170 520,04             | T 132S2   | 21,0  |   |
| 5,6                                 | 520,0   | 8426,3           | 1,0                                   | P E 170 520,04             | T 112B2   | 21,0  |   |
| 5,6                                 | 526,2   | 8486,5           | 1,4                                   | P E 190 526,24             | T 132S2   | 27,0  |   |





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 5,5                                 | 5,6   | 526,2            | 8517,4                               | 1,4                        | P E 190 526,24  | T 112B2  | 27,0                                      |
|                                     | 5,4   | 268,9            | 8705,8                               | 1,4                        | P E 190 268,91  | T 132S4  | 27,0                                      |
|                                     | 5,4   | 268,8            | 8705,6                               | 1,0                        | P E 170 268,78  | T 132S4  | 21,0                                      |
|                                     | 5,4   | 268,8            | 8818,8                               | 1,0                        | P E 170 268,78  | T 112BL4 | 21,0                                      |
|                                     | 5,4   | 268,9            | 8835,6                               | 1,4                        | P E 190 268,91  | T 112BL4 | 27,0                                      |
|                                     | 5,3   | 182,2            | 8885,9                               | 1,4                        | P E 190 182,17  | T 132ML6 | 27,0                                      |
|                                     | 5,3   | 183,7            | 9350,4                               | 1,2                        | P L 135 3 183,7 | T 132ML6 | 40,0                                      |
|                                     | 5,2   | 559,2            | 9021,9                               | 0,9                        | P E 170 559,19  | T 132S2  | 21,0                                      |
|                                     | 5,2   | 559,2            | 9056,7                               | 0,9                        | P E 170 559,19  | T 112B2  | 21,0                                      |
|                                     | 5,1   | 189,1            | 9624,7                               | 0,8                        | P L 125 3 189,1 | T 132ML6 | 33,0                                      |
|                                     | 5,1   | 575,9            | 9287,8                               | 1,2                        | P E 190 575,86  | T 132S2  | 27,0                                      |
|                                     | 5,1   | 575,9            | 9323,4                               | 1,2                        | P E 190 575,86  | T 112B2  | 27,0                                      |
|                                     | 5,0   | 291,5            | 9435,9                               | 1,3                        | P E 190 291,48  | T 132S4  | 27,0                                      |
|                                     | 4,9   | 291,5            | 9569,9                               | 1,3                        | P E 190 291,48  | T 112BL4 | 27,0                                      |
|                                     | 4,8   | 302,0            | 9767,2                               | 0,9                        | P E 170 301,96  | T 132S4  | 21,0                                      |
|                                     | 4,8   | 302,5            | 9787,9                               | 1,3                        | P E 190 302,51  | T 132S4  | 27,0                                      |
|                                     | 4,8   | 606,4            | 9788,0                               | 1,2                        | P E 190 606,41  | T 132S2  | 27,0                                      |
|                                     | 4,8   | 201,0            | 10223,0                              | 1,1                        | P L 135 3 201   | T 132ML6 | 40,0                                      |
|                                     | 4,8   | 606,4            | 9786,9                               | 0,8                        | P E 170 606,41  | T 132S2  | 21,0                                      |
|                                     | 4,8   | 606,4            | 9807,7                               | 1,2                        | P E 190 606,41  | T 112B2  | 27,0                                      |
|                                     | 4,8   | 606,4            | 9808,5                               | 0,8                        | P E 170 606,41  | T 112B2  | 21,0                                      |
|                                     | 4,8   | 302,0            | 9909,9                               | 0,9                        | P E 170 301,96  | T 112BL4 | 21,0                                      |
|                                     | 4,8   | 302,5            | 9930,7                               | 1,3                        | P E 190 302,51  | T 112BL4 | 27,0                                      |
|                                     | 4,6   | 210,7            | 10276,5                              | 1,2                        | P E 190 210,74  | T 132ML6 | 27,0                                      |
|                                     | 4,6   | 317,4            | 10276,5                              | 1,2                        | P E 190 317,42  | T 132S4  | 27,0                                      |
|                                     | 4,5   | 317,4            | 10411,9                              | 1,2                        | P E 190 317,42  | T 112BL4 | 27,0                                      |
|                                     | 4,5   | 215,0            | 10480,6                              | 0,9                        | P E 170 215,02  | T 132ML6 | 21,0                                      |
|                                     | 4,4   | 660,4            | 10646,4                              | 1,1                        | P E 190 660,37  | T 132S2  | 27,0                                      |
|                                     | 4,4   | 329,4            | 10670,5                              | 1,2                        | P E 190 329,43  | T 132S4  | 27,0                                      |
|                                     | 4,4   | 660,4            | 10695,0                              | 1,1                        | P E 190 660,37  | T 112B2  | 27,0                                      |
|                                     | 4,4   | 330,6            | 10695,8                              | 0,8                        | P E 170 330,6   | T 132S4  | 21,0                                      |
|                                     | 4,4   | 221,2            | 11246,9                              | 1,0                        | P L 135 3 221,2 | T 132ML6 | 40,0                                      |
|                                     | 4,4   | 329,4            | 10818,3                              | 1,2                        | P E 190 329,43  | T 112BL4 | 27,0                                      |
|                                     | 4,4   | 330,6            | 10843,4                              | 0,8                        | P E 170 330,6   | T 112BL4 | 21,0                                      |
|                                     | 4,2   | 347,4            | 11255,7                              | 1,1                        | P E 190 347,35  | T 132S4  | 27,0                                      |
|                                     | 4,2   | 704,9            | 11363,6                              | 1,0                        | P E 190 704,94  | T 132S2  | 27,0                                      |
|                                     | 4,2   | 347,4            | 11391,9                              | 1,1                        | P E 190 347,35  | T 112BL4 | 27,0                                      |
|                                     | 4,1   | 704,9            | 11419,0                              | 1,0                        | P E 190 704,94  | T 112B2  | 27,0                                      |
|                                     | 4,1   | 357,1            | 11558,5                              | 1,1                        | P E 190 357,1   | T 132S4  | 27,0                                      |
|                                     | 4,0   | 357,1            | 11730,1                              | 1,1                        | P E 190 357,1   | T 112BL4 | 27,0                                      |
|                                     | 4,0   | 245,1            | 12469,1                              | 0,9                        | P L 135 3 245,1 | T 132ML6 | 40,0                                      |
|                                     | 3,9   | 246,9            | 12027,6                              | 1,0                        | P E 190 246,94  | T 132ML6 | 27,0                                      |
|                                     | 3,9   | 756,8            | 12215,1                              | 0,9                        | P E 190 756,78  | T 132S2  | 27,0                                      |
|                                     | 3,9   | 756,8            | 12245,9                              | 0,9                        | P E 190 756,78  | T 112B2  | 27,0                                      |
|                                     | 3,8   | 388,9            | 12605,4                              | 1,0                        | P E 190 388,88  | T 132S4  | 27,0                                      |
|                                     | 3,7   | 388,9            | 12776,4                              | 1,0                        | P E 190 388,88  | T 112BL4 | 27,0                                      |
|                                     | 3,6   | 268,9            | 13095,2                              | 1,0                        | P E 190 268,91  | T 132ML6 | 27,0                                      |
|                                     | 3,6   | 824,1            | 13279,4                              | 0,9                        | P E 190 824,12  | T 132S2  | 27,0                                      |
|                                     | 3,5   | 824,1            | 13355,2                              | 0,9                        | P E 190 824,12  | T 112B2  | 27,0                                      |
|                                     | 3,4   | 425,6            | 13783,1                              | 0,9                        | P E 190 425,55  | T 132S4  | 27,0                                      |
| 3,4                                 | 425,6   | 13984,9          | 0,9                                  | P E 190 425,55             | T 112BL4        | 27,0     |   |
| 3,3                                 | 291,5   | 14195,7          | 0,9                                  | P E 190 291,48             | T 132ML6        | 27,0     |   |
| 3,3                                 | 879,8   | 14197,5          | 0,8                                  | P E 190 879,75             | T 132S2         | 27,0     |   |
| 3,3                                 | 879,8   | 14239,1          | 0,8                                  | P E 190 879,75             | T 112B2         | 27,0     |   |
| 3,3                                 | 448,2   | 14501,2          | 0,9                                  | P E 190 448,15             | T 132S4         | 27,0     |   |
| 3,2                                 | 448,2   | 14727,9          | 0,8                                  | P E 190 448,15             | T 112BL4        | 27,0     |   |
| 3,2                                 | 302,5   | 14727,9          | 0,8                                  | P E 190 302,51             | T 132ML6        | 27,0     |   |
| 3,1                                 | 317,4   | 15449,4          | 0,8                                  | P E 190 317,42             | T 132ML6        | 27,0     |   |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 1126.9                              | 2.6   | 60.4             | 2.0                                   | P - 71 2 2.6               | T 112BL2  | 7.5   |   |
| 976.7                               | 3.0   | 69.7             | 1.1                                   | P - 63 2 3                 | T 112BL2  | 5.6   |   |
| 915.6                               | 3.2   | 74.3             | 1.9                                   | P - 71 2 3.2               | T 112BL2  | 7.5   |   |
| 771.1                               | 3.8   | 88.2             | 1.8                                   | P - 71 2 3.8               | T 112BL2  | 7.5   |   |
| 751.3                               | 3.9   | 90.6             | 1.0                                   | P - 63 2 3.9               | T 112BL2  | 5.6   |   |
| 681.4                               | 4.3   | 99.9             | 1.8                                   | P - 71 2 4.3               | T 112BL2  | 7.5   |   |
| 681.4                               | 4.3   | 99.9             | 1.0                                   | P - 63 2 4.3               | T 112BL2  | 5.6   |   |
| 586.0                               | 5.0   | 116.1            | 0.9                                   | P - 63 2 5                 | T 112BL2  | 5.6   |   |
| 552.8                               | 5.3   | 123.1            | 1.5                                   | P - 71 2 5.3               | T 112BL2  | 7.5   |   |
| 540.7                               | 2.7   | 125.8            | 2.6                                   | P - 90 2 2.7               | T 132M4   | 10.5  |   |
| 523.2                               | 5.6   | 130.0            | 1.0                                   | P - 63 2 5.6               | T 112BL2  | 5.6   |   |
| 472.6                               | 6.2   | 144.0            | 1.6                                   | P - 71 2 6.2               | T 112BL2  | 7.5   |   |
| 472.6                               | 6.2   | 144.0            | 0.9                                   | P - 63 2 6.2               | T 112BL2  | 5.6   |   |
| 450.8                               | 6.5   | 150.9            | 0.9                                   | P - 63 2 6.5               | T 112BL2  | 5.6   |   |
| 412.7                               | 7.1   | 164.9            | 1.6                                   | P - 71 2 7.1               | T 112BL2  | 7.5   |   |
| 396.0                               | 7.4   | 171.8            | 0.8                                   | P - 63 2 7.4               | T 112BL2  | 5.6   |   |
| 375.6                               | 7.8   | 181.1            | 2.9                                   | P - 90 2 7.8               | T 112BL2  | 10.5  |   |
| 374.4                               | 7.8   | 181.8            | 2.9                                   | P - 90 2 7.8               | T 132SL2  | 10.5  |   |
| 366.3                               | 8.0   | 185.8            | 0.8                                   | P - 63 2 8                 | T 112BL2  | 5.6   |   |
| 347.6                               | 4.2   | 195.7            | 2.5                                   | P - 90 2 4.2               | T 132M4   | 10.5  |   |
| 336.8                               | 8.7   | 202.0            | 2.3                                   | P - 90 2 8.7               | T 112BL2  | 10.5  |   |
| 336.8                               | 8.7   | 202.0            | 1.4                                   | P - 71 2 8.7               | T 112BL2  | 7.5   |   |
| 335.6                               | 8.7   | 202.7            | 2.3                                   | P - 90 2 8.7               | T 132SL2  | 10.5  |   |
| 320.9                               | 4.6   | 212.1            | 2.8                                   | P - 80 2 4.55              | T 132M4   | 7.5   |   |
| 315.1                               | 9.3   | 216.0            | 2.1                                   | P - 90 2 9.3               | T 112BL2  | 10.5  |   |
| 314.0                               | 9.3   | 216.7            | 2.1                                   | P - 90 2 9.3               | T 132SL2  | 10.5  |   |
| 311.7                               | 9.4   | 218.3            | 2.8                                   | P - 80 2 9.4               | T 112BL2  | 7.5   |   |
| 310.6                               | 9.4   | 219.0            | 2.8                                   | P - 80 2 9.4               | T 132SL2  | 7.5   |   |
| 302.1                               | 9.7   | 225.3            | 2.9                                   | P - 90 2 9.7               | T 112BL2  | 10.5  |   |
| 301.0                               | 9.7   | 226.0            | 2.9                                   | P - 90 2 9.7               | T 132SL2  | 10.5  |   |
| 291.8                               | 10.0  | 233.2            | 2.5                                   | P - 80 2 10.04             | T 112BL2  | 7.5   |   |
| 290.8                               | 10.0  | 234.0            | 2.5                                   | P - 80 2 10.04             | T 132SL2  | 7.5   |   |
| 287.3                               | 10.2  | 236.9            | 1.6                                   | P - 71 2 10.2              | T 112BL2  | 7.5   |   |
| 282.4                               | 3.4   | 241.0            | 2.9                                   | P - 112 2 3.4              | T 160M6   | 16.5  |   |
| 275.5                               | 5.3   | 247.0            | 2.1                                   | P - 90 2 5.3               | T 132M4   | 10.5  |   |
| 268.8                               | 10.9  | 253.1            | 2.8                                   | P - 90 2 10.9              | T 112BL2  | 10.5  |   |
| 267.9                               | 10.9  | 254.0            | 2.8                                   | P - 90 2 10.9              | T 132SL2  | 10.5  |   |
| 256.1                               | 5.7   | 265.6            | 2.5                                   | P - 80 2 5.7               | T 132M4   | 7.5   |   |
| 252.6                               | 11.6  | 269.4            | 1.4                                   | P - 71 2 11.6              | T 112BL2  | 7.5   |   |
| 252.2                               | 11.6  | 269.9            | 2.2                                   | P - 80 2 11.62             | T 112BL2  | 7.5   |   |
| 251.3                               | 11.6  | 270.8            | 2.2                                   | P - 80 2 11.62             | T 132SL2  | 7.5   |   |
| 247.5                               | 5.9   | 275.0            | 2.0                                   | P - 90 2 5.9               | T 132M4   | 10.5  |   |
| 240.0                               | 4.0   | 283.5            | 3.0                                   | P - 112 2 4                | T 160M6   | 16.5  |   |
| 238.2                               | 12.3  | 285.6            | 2.6                                   | P - 90 2 12.3              | T 112BL2  | 10.5  |   |
| 238.2                               | 12.3  | 285.6            | 1.0                                   | P - 71 2 12.3              | T 112BL2  | 7.5   |   |
| 237.4                               | 12.3  | 286.6            | 2.6                                   | P - 90 2 12.3              | T 132SL2  | 10.5  |   |
| 218.6                               | 6.7   | 311.3            | 2.2                                   | P - 80 2 6.68              | T 132M4   | 7.5   |   |
| 217.9                               | 6.7   | 312.3            | 1.9                                   | P - 90 2 6.7               | T 132M4   | 10.5  |   |
| 213.1                               | 13.8  | 319.3            | 2.1                                   | P - 80 2 13.75             | T 112BL2  | 7.5   |   |
| 212.4                               | 13.8  | 320.4            | 2.1                                   | P - 80 2 13.75             | T 132SL2  | 7.5   |   |
| 209.3                               | 14.0  | 325.1            | 2.3                                   | P - 90 2 14                | T 112BL2  | 10.5  |   |
| 209.3                               | 14.0  | 325.1            | 1.2                                   | P - 71 2 14                | T 112BL2  | 7.5   |   |
| 208.7                               | 4.6   | 326.0            | 2.8                                   | P - 112 2 4.6              | T 160M6   | 16.5  |   |
| 208.6                               | 14.0  | 326.2            | 2.3                                   | P - 90 2 14                | T 132SL2  | 10.5  |   |
| 202.2                               | 7.2   | 336.5            | 2.0                                   | P - 80 2 7.22              | T 132M4   | 7.5   |   |
| 198.8                               | 14.7  | 342.3            | 2.0                                   | P - 80 2 14.74             | T 112BL2  | 7.5   |   |
| 198.1                               | 14.7  | 343.5            | 2.0                                   | P - 80 2 14.74             | T 132SL2  | 7.5   |   |
| 187.2                               | 7.8   | 363.5            | 1.8                                   | P - 90 2 7.8               | T 132M4   | 10.5  |   |
| 184.8                               | 7.9   | 368.2            | 2.9                                   | P - 112 2 7.9              | T 132M4   | 16.5  |   |
| 183.1                               | 16.0  | 371.6            | 2.0                                   | P - 90 2 16                | T 112BL2  | 10.5  |   |
| 182.5                               | 16.0  | 372.8            | 2.0                                   | P - 90 2 16                | T 132SL2  | 10.5  |   |
| 182.0                               | 16.1  | 373.9            | 1.1                                   | P - 71 2 16.1              | T 112BL2  | 7.5   |   |
| 177.8                               | 5.4   | 382.7            | 2.8                                   | P - 125 2 5.4              | T 160M6   | 21.0  |   |
| 174.6                               | 8.4   | 389.6            | 1.7                                   | P - 80 2 8.36              | T 132M4   | 7.5   |   |
| 171.7                               | 17.1  | 396.4            | 1.9                                   | P - 80 2 17.07             | T 112BL2  | 7.5   |   |
| 171.4                               | 17.1  | 397.1            | 1.9                                   | P - 90 2 17.1              | T 112BL2  | 10.5  |   |
| 171.1                               | 17.1  | 397.8            | 1.9                                   | P - 80 2 17.07             | T 132SL2  | 7.5   |   |
| 170.8                               | 17.1  | 398.5            | 1.9                                   | P - 90 2 17.1              | T 132SL2  | 10.5  |   |
| 169.4                               | 17.3  | 401.8            | 1.0                                   | P - 71 2 17.3              | T 112BL2  | 7.5   |   |
| 167.8                               | 8.7   | 405.4            | 1.4                                   | P - 90 2 8.7               | T 132M4   | 10.5  |   |
| 164.0                               | 8.9   | 414.8            | 2.7                                   | P - 112 2 8.9              | T 132M4   | 16.5  |   |
| 158.8                               | 18.5  | 428.5            | 1.9                                   | P - 80 2 18.45             | T 112BL2  | 7.5   |   |
| 158.3                               | 18.5  | 429.9            | 1.9                                   | P - 80 2 18.45             | T 132SL2  | 7.5   |   |
| 157.4                               | 6.1   | 432.3            | 2.2                                   | P - 112 2 6.1              | T 160M6   | 16.5  |   |
| 157.0                               | 9.3   | 433.4            | 1.3                                   | P - 90 2 9.3               | T 132M4   | 10.5  |   |
| 156.7                               | 18.7  | 434.3            | 1.0                                   | P - 71 2 18.7              | T 112BL2  | 7.5   |   |
| 155.3                               | 9.4   | 438.1            | 1.6                                   | P - 80 2 9.4               | T 132M4   | 7.5   |   |
| 150.5                               | 9.7   | 452.1            | 2.4                                   | P - 112 2 9.7              | T 132M4   | 16.5  |   |
| 150.5                               | 9.7   | 452.1            | 1.8                                   | P - 90 2 9.7               | T 132M4   | 10.5  |   |
| 150.3                               | 19.5  | 452.6            | 1.2                                   | P - 80 2 19.49             | T 112BL2  | 7.5   |   |
| 149.8                               | 19.5  | 454.2            | 1.2                                   | P - 80 2 19.49             | T 132SL2  | 7.5   |   |
| 148.0                               | 19.8  | 459.8            | 1.6                                   | P - 90 2 19.8              | T 112BL2  | 10.5  |   |
| 147.7                               | 6.5   | 460.7            | 2.8                                   | P - 125 2 6.5              | T 160M6   | 21.0  |   |
| 147.5                               | 19.8  | 461.4            | 1.6                                   | P - 90 2 19.8              | T 132SL2  | 10.5  |   |
| 145.4                               | 10.0  | 467.9            | 1.4                                   | P - 80 2 10.04             | T 132M4   | 7.5   |   |
| 145.1                               | 20.2  | 469.1            | 0.9                                   | P - 71 2 20.2              | T 112BL2  | 7.5   |   |
| 142.7                               | 20.5  | 476.8            | 1.1                                   | P - 80 2 20.53             | T 112BL2  | 7.5   |   |
| 142.2                               | 20.5  | 478.4            | 1.1                                   | P - 80 2 20.53             | T 132SL2  | 7.5   |   |
| 141.2                               | 6.8   | 482.0            | 2.1                                   | P - 112 2 6.8              | T 160M6   | 16.5  |   |
| 136.9                               | 21.4  | 497.0            | 1.5                                   | P - 90 2 21.4              | T 112BL2  | 10.5  |   |
| 136.5                               | 21.5  | 498.4            | 1.1                                   | P - 80 2 21.46             | T 112BL2  | 7.5   |   |
| 136.5                               | 21.4  | 498.7            | 1.5                                   | P - 90 2 21.4              | T 132SL2  | 10.5  |   |
| 136.1                               | 21.5  | 500.1            | 1.1                                   | P - 80 2 21.46             | T 132SL2  | 7.5   |   |
| 135.0                               | 21.7  | 504.0            | 2.9                                   | P - 112 2 21.7             | T 112BL2  | 16.5  |   |
| 134.6                               | 21.7  | 505.7            | 2.9                                   | P - 112 2 21.7             | T 132SL2  | 16.5  |   |

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CT17 IGBD 4.0



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
| 133.9                               | 10.9  | 10.9             | 508.0                                 | 1.7                        | P - 90 2 10.9   | T 132M4  | 10.5                                      |
| 133.8                               | 21.9  | 21.9             | 508.6                                 | 0.8                        | P - 71 2 21.9   | T 112BL2 | 7.5                                       |
| 131.5                               | 11.1  | 11.1             | 517.3                                 | 2.1                        | P - 112 2 11.1  | T 132M4  | 16.5                                      |
| 125.7                               | 11.6  | 11.6             | 541.5                                 | 1.2                        | P - 80 2 11.62  | T 132M4  | 7.5                                       |
| 124.2                               | 23.6  | 23.6             | 536.5                                 | 2.7                        | P L 95 3 23.6   | T 112BL2 | 16.0                                      |
| 123.7                               | 23.6  | 23.6             | 538.4                                 | 2.7                        | P L 95 3 23.6   | T 132SL2 | 16.0                                      |
| 123.1                               | 23.8  | 23.8             | 541.1                                 | 1.3                        | P L 85 3 23.8   | T 112BL2 | 11.0                                      |
| 122.7                               | 23.8  | 23.8             | 542.9                                 | 1.3                        | P L 85 3 23.8   | T 132SL2 | 11.0                                      |
| 122.7                               | 23.9  | 23.9             | 554.8                                 | 1.0                        | P - 80 2 23.89  | T 112BL2 | 7.5                                       |
| 122.2                               | 23.9  | 23.9             | 556.7                                 | 1.0                        | P - 80 2 23.89  | T 132SL2 | 7.5                                       |
| 121.5                               | 7.9   | 7.9              | 559.9                                 | 2.0                        | P - 112 2 7.9   | T 160M6  | 16.5                                      |
| 118.7                               | 12.3  | 12.3             | 573.2                                 | 1.6                        | P - 90 2 12.3   | T 132M4  | 10.5                                      |
| 117.7                               | 12.4  | 12.4             | 577.9                                 | 2.5                        | P - 112 2 12.4  | T 132M4  | 16.5                                      |
| 117.2                               | 25.0  | 25.0             | 580.6                                 | 1.3                        | P - 90 2 25     | T 112BL2 | 10.5                                      |
| 117.1                               | 8.2   | 8.2              | 581.2                                 | 2.8                        | P - 125 2 8.2   | T 160M6  | 21.0                                      |
| 116.8                               | 25.0  | 25.0             | 582.6                                 | 1.3                        | P - 90 2 25     | T 132SL2 | 10.5                                      |
| 115.4                               | 25.4  | 25.4             | 589.9                                 | 2.5                        | P - 112 2 25.4  | T 112BL2 | 16.5                                      |
| 115.0                               | 25.4  | 25.4             | 591.9                                 | 2.5                        | P - 112 2 25.4  | T 132SL2 | 16.5                                      |
| 111.4                               | 26.3  | 26.3             | 610.8                                 | 0.9                        | P - 80 2 26.3   | T 112BL2 | 7.5                                       |
| 111.0                               | 26.3  | 26.3             | 612.8                                 | 0.9                        | P - 80 2 26.3   | T 132SL2 | 7.5                                       |
| 111.0                               | 26.4  | 26.4             | 600.2                                 | 0.9                        | P L 65 3 26.4   | T 112BL2 | 8.0                                       |
| 107.9                               | 8.9   | 8.9              | 630.8                                 | 1.7                        | P - 112 2 8.9   | T 160M6  | 16.5                                      |
| 106.9                               | 27.4  | 27.4             | 622.9                                 | 2.6                        | P L 95 3 27.4   | T 112BL2 | 16.0                                      |
| 106.6                               | 27.4  | 27.4             | 625.0                                 | 2.6                        | P L 95 3 27.4   | T 132SL2 | 16.0                                      |
| 106.6                               | 27.5  | 27.5             | 625.2                                 | 1.4                        | P L 85 3 27.5   | T 112BL2 | 11.0                                      |
| 106.2                               | 27.5  | 27.5             | 627.3                                 | 1.4                        | P L 85 3 27.5   | T 132SL2 | 11.0                                      |
| 106.2                               | 13.8  | 13.8             | 640.8                                 | 1.2                        | P - 80 2 13.75  | T 132M4  | 7.5                                       |
| 105.8                               | 27.7  | 27.7             | 643.3                                 | 1.2                        | P - 90 2 27.7   | T 112BL2 | 10.5                                      |
| 105.4                               | 27.7  | 27.7             | 645.4                                 | 1.1                        | P - 90 2 27.7   | T 132SL2 | 10.5                                      |
| 104.3                               | 14.0  | 14.0             | 652.4                                 | 1.4                        | P - 90 2 14     | T 132M4  | 10.5                                      |
| 103.2                               | 28.4  | 28.4             | 659.1                                 | 0.8                        | P - 80 2 28.38  | T 112BL2 | 7.5                                       |
| 102.9                               | 28.4  | 28.4             | 661.3                                 | 0.8                        | P - 80 2 28.38  | T 132SL2 | 7.5                                       |
| 100.7                               | 14.5  | 14.5             | 675.8                                 | 2.3                        | P - 112 2 14.5  | T 132M4  | 16.5                                      |
| 100.7                               | 29.1  | 29.1             | 675.8                                 | 2.2                        | P - 112 2 29.1  | T 112BL2 | 16.5                                      |
| 100.3                               | 29.1  | 29.1             | 678.1                                 | 2.2                        | P - 112 2 29.1  | T 132SL2 | 16.5                                      |
| 99.1                                | 14.7  | 14.7             | 687.0                                 | 1.1                        | P - 80 2 14.74  | T 132M4  | 7.5                                       |
| 99.0                                | 9.7   | 9.7              | 687.5                                 | 1.6                        | P - 112 2 9.7   | T 160M6  | 16.5                                      |
| 97.0                                | 30.2  | 30.2             | 701.3                                 | 2.8                        | P - 125 2 30.2  | T 112BL2 | 21.0                                      |
| 97.0                                | 9.9   | 9.9              | 701.7                                 | 2.5                        | P - 125 2 9.9   | T 160M6  | 21.0                                      |
| 96.7                                | 30.2  | 30.2             | 703.7                                 | 2.8                        | P - 125 2 30.2  | T 132SL2 | 21.0                                      |
| 96.7                                | 15.1  | 15.1             | 703.7                                 | 2.7                        | P - 125 2 15.1  | T 132M4  | 21.0                                      |
| 96.1                                | 30.5  | 30.5             | 708.3                                 | 1.0                        | P - 90 2 30.5   | T 112BL2 | 10.5                                      |
| 95.7                                | 30.5  | 30.5             | 710.7                                 | 1.0                        | P - 90 2 30.5   | T 132SL2 | 10.5                                      |
| 91.3                                | 16.0  | 16.0             | 745.7                                 | 1.2                        | P - 90 2 16     | T 132M4  | 10.5                                      |
| 90.7                                | 32.3  | 32.3             | 750.1                                 | 1.9                        | P - 112 2 32.3  | T 112BL2 | 16.5                                      |
| 90.4                                | 32.3  | 32.3             | 752.7                                 | 1.9                        | P - 112 2 32.3  | T 132SL2 | 16.5                                      |
| 89.6                                | 16.3  | 16.3             | 759.7                                 | 2.1                        | P - 112 2 16.3  | T 132M4  | 16.5                                      |
| 89.1                                | 32.9  | 32.9             | 747.9                                 | 2.5                        | P L 95 3 32.9   | T 112BL2 | 16.0                                      |
| 88.8                                | 32.9  | 32.9             | 750.6                                 | 2.5                        | P L 95 3 32.9   | T 132SL2 | 16.0                                      |
| 86.5                                | 11.1  | 11.1             | 786.7                                 | 1.4                        | P - 112 2 11.1  | T 160M6  | 16.5                                      |
| 85.5                                | 17.1  | 17.1             | 795.6                                 | 1.1                        | P - 80 2 17.07  | T 132M4  | 7.5                                       |
| 85.4                                | 17.1  | 17.1             | 796.9                                 | 1.1                        | P - 90 2 17.1   | T 132M4  | 10.5                                      |
| 84.9                                | 34.5  | 34.5             | 784.3                                 | 1.3                        | P L 85 3 34.5   | T 112BL2 | 11.0                                      |
| 84.6                                | 34.5  | 34.5             | 787.0                                 | 1.3                        | P L 85 3 34.5   | T 132SL2 | 11.0                                      |
| 83.7                                | 35.0  | 35.0             | 812.8                                 | 0.9                        | P - 90 2 35     | T 112BL2 | 10.5                                      |
| 83.4                                | 35.0  | 35.0             | 815.6                                 | 0.9                        | P - 90 2 35     | T 132SL2 | 10.5                                      |
| 82.5                                | 17.7  | 17.7             | 824.9                                 | 2.1                        | P - 112 2 17.7  | T 132M4  | 16.5                                      |
| 79.1                                | 18.5  | 18.5             | 859.9                                 | 1.0                        | P - 80 2 18.45  | T 132M4  | 7.5                                       |
| 77.4                                | 12.4  | 12.4             | 878.9                                 | 1.8                        | P - 112 2 12.4  | T 160M6  | 16.5                                      |
| 76.8                                | 12.5  | 12.5             | 886.0                                 | 2.2                        | P - 125 2 12.5  | T 160M6  | 21.0                                      |
| 76.7                                | 38.2  | 38.2             | 887.1                                 | 2.3                        | P - 125 2 38.2  | T 112BL2 | 21.0                                      |
| 76.4                                | 38.2  | 38.2             | 890.1                                 | 2.3                        | P - 125 2 38.2  | T 132SL2 | 21.0                                      |
| 76.1                                | 38.5  | 38.5             | 884.7                                 | 2.8                        | P L 105 3 38.5  | T 112BL2 | 22.0                                      |
| 75.8                                | 38.5  | 38.5             | 887.7                                 | 2.8                        | P L 105 3 38.5  | T 132SL2 | 22.0                                      |
| 75.7                                | 38.7  | 38.7             | 879.9                                 | 1.2                        | P L 85 3 38.7   | T 112BL2 | 11.0                                      |
| 75.5                                | 38.7  | 38.7             | 882.8                                 | 1.2                        | P L 85 3 38.7   | T 132SL2 | 11.0                                      |
| 75.3                                | 38.9  | 38.9             | 903.4                                 | 1.6                        | P - 112 2 38.9  | T 112BL2 | 16.5                                      |
| 75.1                                | 38.9  | 38.9             | 906.5                                 | 1.6                        | P - 112 2 38.9  | T 132SL2 | 16.5                                      |
| 73.7                                | 19.8  | 19.8             | 922.8                                 | 1.0                        | P - 90 2 19.8   | T 132M4  | 10.5                                      |
| 73.4                                | 19.9  | 19.9             | 927.4                                 | 2.2                        | P - 125 2 19.9  | T 132M4  | 21.0                                      |
| 72.4                                | 40.5  | 40.5             | 920.7                                 | 2.1                        | P L 95 3 40.5   | T 112BL2 | 16.0                                      |
| 72.3                                | 20.2  | 20.2             | 941.4                                 | 1.9                        | P - 112 2 20.2  | T 132M4  | 16.5                                      |
| 72.1                                | 40.5  | 40.5             | 923.9                                 | 2.0                        | P L 95 3 40.5   | T 132SL2 | 16.0                                      |
| 72.0                                | 40.7  | 40.7             | 945.2                                 | 1.5                        | P - 112 2 40.7  | T 112BL2 | 16.5                                      |
| 71.7                                | 40.7  | 40.7             | 948.5                                 | 1.5                        | P - 112 2 40.7  | T 132SL2 | 16.5                                      |
| 71.6                                | 40.9  | 40.9             | 950.1                                 | 2.8                        | P - 132 2 40.91 | T 112BL2 | 30.0                                      |
| 71.4                                | 40.9  | 40.9             | 953.3                                 | 2.8                        | P - 132 2 40.91 | T 132SL2 | 30.0                                      |
| 70.9                                | 20.6  | 20.6             | 950.0                                 | 2.6                        | P L 105 3 20.6  | T 132M4  | 22.0                                      |
| 68.2                                | 21.4  | 21.4             | 997.4                                 | 0.9                        | P - 90 2 21.4   | T 132M4  | 10.5                                      |
| 67.3                                | 21.7  | 21.7             | 1011.3                                | 1.7                        | P - 112 2 21.7  | T 132M4  | 16.5                                      |
| 67.1                                | 43.7  | 43.7             | 993.5                                 | 1.1                        | P L 85 3 43.7   | T 112BL2 | 11.0                                      |
| 66.8                                | 43.7  | 43.7             | 996.9                                 | 1.1                        | P L 85 3 43.7   | T 132SL2 | 11.0                                      |
| 66.2                                | 14.5  | 14.5             | 1027.7                                | 1.7                        | P - 112 2 14.5  | T 160M6  | 16.5                                      |
| 66.1                                | 44.3  | 44.3             | 1028.7                                | 1.9                        | P - 125 2 44.3  | T 112BL2 | 21.0                                      |
| 65.9                                | 44.3  | 44.3             | 1032.4                                | 1.9                        | P - 125 2 44.3  | T 132SL2 | 21.0                                      |
| 65.6                                | 44.7  | 44.7             | 1038.0                                | 1.4                        | P - 112 2 44.7  | T 112BL2 | 16.5                                      |
| 65.3                                | 44.7  | 44.7             | 1041.7                                | 1.4                        | P - 112 2 44.7  | T 132SL2 | 16.5                                      |
| 65.3                                | 44.9  | 44.9             | 1031.7                                | 2.4                        | P L 105 3 44.9  | T 112BL2 | 22.0                                      |
| 65.0                                | 44.9  | 44.9             | 1035.3                                | 2.4                        | P L 105 3 44.9  | T 132SL2 | 22.0                                      |
| 64.9                                | 22.5  | 22.5             | 1037.5                                | 2.5                        | P L 105 3 22.5  | T 132M4  | 22.0                                      |
| 63.6                                | 15.1  | 15.1             | 1070.2                                | 1.9                        | P - 125 2 15.1  | T 160M6  | 21.0                                      |
| 63.3                                | 23.1  | 23.1             | 1075.1                                | 2.8                        | P - 132 2 23.07 | T 132M4  | 30.0                                      |
| 62.5                                | 46.9  | 46.9             | 1066.3                                | 1.8                        | P L 95 3 46.9   | T 112BL2 | 16.0                                      |
| 62.3                                | 46.9  | 46.9             | 1069.9                                | 1.8                        | P L 95 3 46.9   | T 132SL2 | 16.0                                      |
| 61.9                                | 23.6  | 23.6             | 1076.8                                | 1.5                        | P L 95 3 23.6   | T 132M4  | 16.0                                      |

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HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |          |      | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|------|---|
| 61.1                                | 23.9  | 1102.1           | 2.3                                   | P L 105 3 23.9             | T 132M4  | 22.0 |   |
| 59.9                                | 48.9  | 1135.5           | 1.3                                   | P - 112 2 48.9             | T 112BL2 | 16.5 |   |
| 59.7                                | 48.9  | 1139.6           | 1.3                                   | P - 112 2 48.9             | T 132SL2 | 16.5 |   |
| 58.9                                | 16.3  | 1155.2           | 1.6                                   | P - 112 2 16.3             | T 160M6  | 16.5 |   |
| 58.2                                | 25.1  | 1169.7           | 1.8                                   | P - 125 2 25.1             | T 132M4  | 21.0 |   |
| 57.8                                | 50.7  | 1165.0           | 2.2                                   | P L 105 3 50.7             | T 112BL2 | 22.0 |   |
| 57.6                                | 50.7  | 1169.0           | 2.2                                   | P L 105 3 50.7             | T 132SL2 | 22.0 |   |
| 57.5                                | 25.4  | 1183.7           | 1.4                                   | P - 112 2 25.4             | T 132M4  | 16.5 |   |
| 57.2                                | 51.2  | 1163.9           | 1.2                                   | P - 112 3 51.2             | T 112BL2 | 11.8 |   |
| 55.4                                | 26.4  | 1228.0           | 2.4                                   | P - 132 2 26.35            | T 132M4  | 30.0 |   |
| 55.2                                | 53.1  | 1233.1           | 1.6                                   | P - 125 2 53.1             | T 112BL2 | 21.0 |   |
| 55.0                                | 53.1  | 1237.4           | 1.6                                   | P - 125 2 53.1             | T 132SL2 | 21.0 |   |
| 55.0                                | 17.5  | 1238.3           | 2.8                                   | P - 132 2 17.47            | T 160M6  | 30.0 |   |
| 54.2                                | 17.7  | 1254.5           | 1.4                                   | P - 112 2 17.7             | T 160M6  | 16.5 |   |
| 53.6                                | 54.7  | 1243.6           | 1.5                                   | P L 95 3 54.7              | T 112BL2 | 16.0 |   |
| 53.4                                | 54.7  | 1247.9           | 1.5                                   | P L 95 3 54.7              | T 132SL2 | 16.0 |   |
| 53.3                                | 27.4  | 1250.2           | 1.4                                   | P L 95 3 27.4              | T 132M4  | 16.0 |   |
| 53.3                                | 55.0  | 1263.9           | 2.1                                   | P L 105 3 55               | T 112BL2 | 22.0 |   |
| 53.1                                | 55.0  | 1268.1           | 2.1                                   | P L 105 3 55               | T 132SL2 | 22.0 |   |
| 52.0                                | 56.3  | 1280.0           | 0.8                                   | P L 85 3 56.3              | T 112BL2 | 11.0 |   |
| 51.9                                | 56.3  | 1284.3           | 0.8                                   | P L 85 3 56.3              | T 132SL2 | 11.0 |   |
| 51.1                                | 28.6  | 1318.8           | 2.0                                   | P L 105 3 28.6             | T 132M4  | 22.0 |   |
| 51.0                                | 57.5  | 1335.2           | 1.5                                   | P - 125 2 57.5             | T 112BL2 | 21.0 |   |
| 50.8                                | 57.5  | 1340.0           | 1.5                                   | P - 125 2 57.5             | T 132SL2 | 21.0 |   |
| 50.7                                | 18.9  | 1341.0           | 2.4                                   | P - 132 2 18.92            | T 160M6  | 30.0 |   |
| 50.3                                | 29.0  | 1351.7           | 2.4                                   | P - 132 2 29               | T 132M4  | 30.0 |   |
| 50.2                                | 29.1  | 1356.3           | 1.3                                   | P - 112 2 29.1             | T 132M4  | 16.5 |   |
| 50.1                                | 58.5  | 1329.8           | 1.1                                   | P - 112 3 58.5             | T 112BL2 | 11.8 |   |
| 48.3                                | 30.2  | 1407.6           | 1.6                                   | P - 125 2 30.2             | T 132M4  | 21.0 |   |
| 48.2                                | 19.9  | 1410.5           | 1.5                                   | P - 125 2 19.9             | T 160M6  | 21.0 |   |
| 47.5                                | 20.2  | 1431.9           | 1.3                                   | P - 112 2 20.2             | T 160M6  | 16.5 |   |
| 46.7                                | 62.7  | 1440.8           | 1.8                                   | P L 105 3 62.7             | T 112BL2 | 22.0 |   |
| 46.7                                | 62.7  | 1425.5           | 1.0                                   | P - 112 3 62.7             | T 112BL2 | 11.8 |   |
| 46.7                                | 31.3  | 1443.2           | 1.9                                   | P L 105 3 31.3             | T 132M4  | 22.0 |   |
| 46.6                                | 20.6  | 1444.8           | 1.9                                   | P L 105 3 20.6             | T 160M6  | 22.0 |   |
| 46.6                                | 62.7  | 1445.7           | 1.8                                   | P L 105 3 62.7             | T 132SL2 | 22.0 |   |
| 46.1                                | 20.8  | 1476.3           | 2.2                                   | P - 132 2 20.83            | T 160M6  | 30.0 |   |
| 45.7                                | 64.1  | 1472.9           | 2.9                                   | P L 115 3 64.1             | T 112BL2 | 26.0 |   |
| 45.6                                | 64.1  | 1478.1           | 2.9                                   | P L 115 3 64.1             | T 132SL2 | 26.0 |   |
| 45.5                                | 32.1  | 1480.4           | 3.0                                   | P L 115 3 32.1             | T 132M4  | 26.0 |   |
| 45.4                                | 32.1  | 1497.5           | 2.1                                   | P - 132 2 32.13            | T 132M4  | 30.0 |   |
| 45.2                                | 32.3  | 1505.3           | 1.2                                   | P - 112 2 32.3             | T 132M4  | 16.5 |   |
| 44.8                                | 65.4  | 1486.8           | 1.3                                   | P L 95 3 65.4              | T 112BL2 | 16.0 |   |
| 44.7                                | 65.4  | 1491.9           | 1.3                                   | P L 95 3 65.4              | T 132SL2 | 16.0 |   |
| 44.4                                | 32.9  | 1501.0           | 1.4                                   | P L 95 3 32.9              | T 132M4  | 16.0 |   |
| 44.2                                | 21.7  | 1538.1           | 1.2                                   | P - 112 2 21.7             | T 160M6  | 16.5 |   |
| 43.5                                | 33.6  | 1563.5           | 1.8                                   | P - 132 2 33.55            | T 132M4  | 30.0 |   |
| 43.5                                | 67.4  | 1532.3           | 0.9                                   | P - 112 3 67.4             | T 112BL2 | 11.8 |   |
| 42.7                                | 22.5  | 1577.8           | 1.8                                   | P L 105 3 22.5             | T 160M6  | 22.0 |   |
| 41.6                                | 23.1  | 1635.3           | 2.0                                   | P - 132 2 23.07            | T 160M6  | 30.0 |   |
| 41.6                                | 35.1  | 1635.7           | 2.7                                   | P - 150 2 35.1             | T 132M4  | 38.0 |   |
| 41.5                                | 35.2  | 1623.1           | 1.7                                   | P L 105 3 35.2             | T 132M4  | 22.0 |   |
| 41.4                                | 70.7  | 1624.8           | 1.6                                   | P L 105 3 70.7             | T 112BL2 | 22.0 |   |
| 41.3                                | 70.7  | 1630.2           | 1.6                                   | P L 105 3 70.7             | T 132SL2 | 22.0 |   |
| 40.7                                | 23.6  | 1637.4           | 1.1                                   | P L 95 3 23.6              | T 160M6  | 16.0 |   |
| 40.4                                | 72.6  | 1650.5           | 0.9                                   | P - 112 3 72.6             | T 112BL2 | 11.8 |   |
| 40.2                                | 23.9  | 1676.1           | 1.7                                   | P L 105 3 23.9             | T 160M6  | 22.0 |   |
| 39.7                                | 73.8  | 1695.9           | 2.7                                   | P L 115 3 73.8             | T 112BL2 | 26.0 |   |
| 39.6                                | 73.8  | 1701.5           | 2.6                                   | P L 115 3 73.8             | T 132SL2 | 26.0 |   |
| 39.5                                | 36.9  | 1720.8           | 1.7                                   | P - 132 2 36.92            | T 132M4  | 30.0 |   |
| 39.5                                | 74.2  | 1686.8           | 1.2                                   | P L 95 3 74.2              | T 112BL2 | 16.0 |   |
| 39.4                                | 74.2  | 1692.8           | 1.2                                   | P L 95 3 74.2              | T 132SL2 | 16.0 |   |
| 38.5                                | 37.9  | 1747.9           | 2.5                                   | P L 115 3 37.9             | T 132M4  | 26.0 |   |
| 38.3                                | 25.1  | 1778.9           | 1.3                                   | P - 125 2 25.1             | T 160M6  | 21.0 |   |
| 38.2                                | 38.2  | 1780.4           | 1.3                                   | P - 125 2 38.2             | T 132M4  | 21.0 |   |
| 37.9                                | 38.5  | 1775.4           | 1.6                                   | P L 105 3 38.5             | T 132M4  | 22.0 |   |
| 37.8                                | 25.4  | 1800.2           | 1.0                                   | P - 112 2 25.4             | T 160M6  | 16.5 |   |
| 37.7                                | 38.7  | 1803.4           | 2.4                                   | P - 150 2 38.7             | T 132M4  | 38.0 |   |
| 37.5                                | 38.9  | 1813.1           | 1.0                                   | P - 112 2 38.9             | T 132M4  | 16.5 |   |
| 37.3                                | 78.5  | 1784.9           | 0.8                                   | P - 112 3 78.5             | T 112BL2 | 11.8 |   |
| 36.7                                | 79.8  | 1833.6           | 1.5                                   | P L 105 3 79.8             | T 112BL2 | 22.0 |   |
| 36.6                                | 79.8  | 1840.1           | 1.5                                   | P L 105 3 79.8             | T 132SL2 | 22.0 |   |
| 36.4                                | 26.4  | 1867.8           | 1.7                                   | P - 132 2 26.35            | T 160M6  | 30.0 |   |
| 36.1                                | 40.5  | 1847.7           | 1.1                                   | P L 95 3 40.5              | T 132M4  | 16.0 |   |
| 36.0                                | 81.3  | 1868.2           | 2.4                                   | P L 115 3 81.3             | T 112BL2 | 26.0 |   |
| 36.0                                | 40.6  | 1872.3           | 2.7                                   | P L 115 3 40.6             | T 132M4  | 26.0 |   |
| 35.9                                | 81.3  | 1874.4           | 2.4                                   | P L 115 3 81.3             | T 132SL2 | 26.0 |   |
| 35.9                                | 40.7  | 1897.0           | 0.9                                   | P - 112 2 40.7             | T 132M4  | 16.5 |   |
| 35.7                                | 26.9  | 1886.4           | 2.4                                   | P L 115 3 26.9             | T 160M6  | 26.0 |   |
| 35.7                                | 40.9  | 1906.5           | 1.6                                   | P - 132 2 40.91            | T 132M4  | 30.0 |   |
| 35.0                                | 27.4  | 1900.9           | 1.0                                   | P L 95 3 27.4              | T 160M6  | 16.0 |   |
| 34.9                                | 27.5  | 1949.1           | 2.9                                   | P - 150 2 27.5             | T 160M6  | 38.0 |   |
| 34.1                                | 42.8  | 1994.8           | 2.2                                   | P - 150 2 42.8             | T 132M4  | 38.0 |   |
| 34.1                                | 86.0  | 1955.1           | 1.1                                   | P L 95 3 86                | T 112BL2 | 16.0 |   |
| 34.0                                | 86.0  | 1962.1           | 1.1                                   | P L 95 3 86                | T 132SL2 | 16.0 |   |
| 33.6                                | 87.2  | 2003.8           | 2.2                                   | P L 115 3 87.2             | T 112BL2 | 26.0 |   |
| 33.6                                | 28.6  | 2005.5           | 1.4                                   | P L 105 3 28.6             | T 160M6  | 22.0 |   |
| 33.5                                | 87.4  | 2008.5           | 1.4                                   | P L 105 3 87.4             | T 112BL2 | 22.0 |   |
| 33.5                                | 87.2  | 2010.4           | 2.2                                   | P L 115 3 87.2             | T 132SL2 | 26.0 |   |
| 33.4                                | 87.4  | 2015.1           | 1.4                                   | P L 105 3 87.4             | T 132SL2 | 22.0 |   |
| 33.1                                | 29.0  | 2055.6           | 1.7                                   | P - 132 2 29               | T 160M6  | 30.0 |   |
| 33.0                                | 29.1  | 2062.6           | 0.9                                   | P - 112 2 29.1             | T 160M6  | 16.5 |   |
| 33.0                                | 44.3  | 2064.3           | 1.1                                   | P - 125 2 44.3             | T 132M4  | 21.0 |   |
| 32.8                                | 29.3  | 2077.0           | 2.5                                   | P - 150 2 29.3             | T 160M6  | 38.0 |   |
| 32.7                                | 44.7  | 2083.3           | 0.8                                   | P - 112 2 44.7             | T 132M4  | 16.5 |   |

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CT17 IGBD 4.0







| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 32.5  | 44.9             | 2070.4                                | 1.4                        | P L 105 3 44.9  | T 132M4  | 22.0                                      |
|                                     | 32.3  | 90.6             | 2081.9                                | 1.4                        | P L 105 3 90.6  | T 112BL2 | 22.0                                      |
|                                     | 32.2  | 90.6             | 2089.0                                | 1.4                        | P L 105 3 90.6  | T 132SL2 | 22.0                                      |
|                                     | 32.1  | 45.5             | 2098.1                                | 2.4                        | P L 115 3 45.5  | T 132M4  | 26.0                                      |
|                                     | 31.8  | 30.2             | 2140.5                                | 1.1                        | P - 125 2 30.2  | T 160M6  | 21.0                                      |
|                                     | 31.1  | 46.9             | 2139.7                                | 1.0                        | P L 95 3 46.9   | T 132M4  | 16.0                                      |
|                                     | 30.9  | 47.3             | 2204.1                                | 1.9                        | P - 150 2 47.3  | T 132M4  | 38.0                                      |
|                                     | 30.7  | 31.3             | 2195.2                                | 1.4                        | P L 105 3 31.3  | T 160M6  | 22.0                                      |
|                                     | 29.9  | 97.6             | 2250.3                                | 3.0                        | P L 125 3 97.6  | T 132SL2 | 33.0                                      |
|                                     | 29.9  | 32.1             | 2275.0                                | 2.4                        | P - 150 2 32.1  | T 160M6  | 38.0                                      |
|                                     | 29.9  | 32.1             | 2251.0                                | 2.1                        | P L 115 3 32.1  | T 160M6  | 26.0                                      |
|                                     | 29.9  | 32.1             | 2277.2                                | 1.5                        | P - 132 2 32.13 | T 160M6  | 30.0                                      |
|                                     | 29.8  | 98.4             | 2236.9                                | 0.9                        | P L 95 3 98.4   | T 112BL2 | 16.0                                      |
|                                     | 29.7  | 32.3             | 2289.6                                | 0.8                        | P - 112 2 32.3  | T 160M6  | 16.5                                      |
|                                     | 29.7  | 98.4             | 2245.2                                | 0.9                        | P L 95 3 98.4   | T 132SL2 | 16.0                                      |
|                                     | 29.4  | 49.7             | 2291.7                                | 2.1                        | P L 115 3 49.7  | T 132M4  | 26.0                                      |
|                                     | 29.2  | 100.4            | 2307.3                                | 1.3                        | P L 105 3 100.4 | T 112BL2 | 22.0                                      |
|                                     | 29.2  | 32.9             | 2282.7                                | 1.0                        | P L 95 3 32.9   | T 160M6  | 16.0                                      |
|                                     | 29.1  | 100.4            | 2315.2                                | 1.3                        | P L 105 3 100.4 | T 132SL2 | 22.0                                      |
|                                     | 28.8  | 50.7             | 2337.7                                | 1.2                        | P L 105 3 50.7  | T 132M4  | 22.0                                      |
|                                     | 28.6  | 33.6             | 2378.2                                | 1.3                        | P - 132 2 33.55 | T 160M6  | 30.0                                      |
|                                     | 28.2  | 103.9            | 2387.6                                | 1.8                        | P L 115 3 103.9 | T 112BL2 | 26.0                                      |
|                                     | 28.1  | 103.9            | 2396.0                                | 1.8                        | P L 115 3 103.9 | T 132SL2 | 26.0                                      |
|                                     | 27.6  | 106.2            | 2440.2                                | 2.8                        | P L 125 3 106.2 | T 112BL2 | 33.0                                      |
|                                     | 27.5  | 106.2            | 2448.3                                | 2.8                        | P L 125 3 106.2 | T 132SL2 | 33.0                                      |
|                                     | 27.5  | 53.1             | 2474.1                                | 0.9                        | P - 125 2 53.1  | T 132M4  | 21.0                                      |
|                                     | 27.4  | 35.1             | 2487.9                                | 1.9                        | P - 150 2 35.1  | T 160M6  | 38.0                                      |
|                                     | 27.3  | 35.2             | 2469.0                                | 1.2                        | P L 105 3 35.2  | T 160M6  | 22.0                                      |
|                                     | 26.9  | 54.3             | 2503.8                                | 2.0                        | P L 115 3 54.3  | T 132M4  | 26.0                                      |
|                                     | 26.7  | 54.7             | 2495.6                                | 0.8                        | P L 95 3 54.7   | T 132M4  | 16.0                                      |
|                                     | 26.6  | 55.0             | 2535.9                                | 1.1                        | P L 105 3 55    | T 132M4  | 22.0                                      |
|                                     | 26.5  | 110.5            | 2538.8                                | 1.2                        | P L 105 3 110.5 | T 112BL2 | 22.0                                      |
|                                     | 26.4  | 110.5            | 2547.5                                | 1.2                        | P L 105 3 110.5 | T 132SL2 | 22.0                                      |
|                                     | 26.0  | 36.9             | 2617.0                                | 1.2                        | P - 132 2 36.92 | T 160M6  | 30.0                                      |
|                                     | 25.6  | 114.3            | 2626.9                                | 1.7                        | P L 115 3 114.3 | T 112BL2 | 26.0                                      |
|                                     | 25.6  | 114.3            | 2635.1                                | 1.7                        | P L 115 3 114.3 | T 132SL2 | 26.0                                      |
|                                     | 25.4  | 57.5             | 2679.9                                | 0.8                        | P - 125 2 57.5  | T 132M4  | 21.0                                      |
|                                     | 25.3  | 37.9             | 2657.9                                | 1.8                        | P L 115 3 37.9  | T 160M6  | 26.0                                      |
|                                     | 25.2  | 116.3            | 2672.8                                | 2.5                        | P L 125 3 116.3 | T 112BL2 | 33.0                                      |
|                                     | 25.1  | 38.2             | 2707.7                                | 0.9                        | P - 125 2 38.2  | T 160M6  | 21.0                                      |
|                                     | 25.1  | 116.3            | 2681.3                                | 2.5                        | P L 125 3 116.3 | T 132SL2 | 33.0                                      |
|                                     | 24.9  | 38.5             | 2699.5                                | 1.1                        | P L 105 3 38.5  | T 160M6  | 22.0                                      |
|                                     | 24.8  | 38.7             | 2742.6                                | 1.7                        | P - 150 2 38.7  | T 160M6  | 38.0                                      |
|                                     | 24.5  | 59.7             | 2752.5                                | 1.8                        | P L 115 3 59.7  | T 132M4  | 26.0                                      |
|                                     | 24.2  | 121.2            | 2785.6                                | 1.6                        | P L 115 3 121.2 | T 112BL2 | 26.0                                      |
|                                     | 24.1  | 121.2            | 2794.8                                | 1.6                        | P L 115 3 121.2 | T 132SL2 | 26.0                                      |
|                                     | 23.9  | 40.2             | 2819.4                                | 2.9                        | P L 125 3 40.2  | T 160M6  | 33.0                                      |
|                                     | 23.7  | 40.5             | 2810.5                                | 0.8                        | P L 95 3 40.5   | T 160M6  | 16.0                                      |
|                                     | 23.7  | 40.6             | 2846.9                                | 1.9                        | P L 115 3 40.6  | T 160M6  | 26.0                                      |
|                                     | 23.5  | 40.9             | 2899.1                                | 1.1                        | P - 132 2 40.91 | T 160M6  | 30.0                                      |
|                                     | 23.3  | 62.7             | 2890.7                                | 1.0                        | P L 105 3 62.7  | T 132M4  | 22.0                                      |
|                                     | 23.2  | 126.1            | 2897.0                                | 1.1                        | P L 105 3 126.1 | T 112BL2 | 22.0                                      |
|                                     | 23.2  | 126.1            | 2906.9                                | 1.1                        | P L 105 3 126.1 | T 132SL2 | 22.0                                      |
|                                     | 23.0  | 63.5             | 2928.6                                | 2.6                        | P L 125 3 63.5  | T 132M4  | 33.0                                      |
|                                     | 22.9  | 127.9            | 2938.7                                | 2.3                        | P L 125 3 127.9 | T 112BL2 | 33.0                                      |
|                                     | 22.8  | 127.9            | 2949.1                                | 2.3                        | P L 125 3 127.9 | T 132SL2 | 33.0                                      |
|                                     | 22.8  | 64.1             | 2955.7                                | 1.6                        | P L 115 3 64.1  | T 132M4  | 26.0                                      |
|                                     | 22.4  | 42.8             | 3033.6                                | 1.5                        | P - 150 2 42.8  | T 160M6  | 38.0                                      |
|                                     | 21.9  | 43.8             | 3071.5                                | 2.7                        | P L 125 3 43.8  | T 160M6  | 33.0                                      |
|                                     | 21.6  | 135.8            | 3119.8                                | 1.4                        | P L 115 3 135.8 | T 112BL2 | 26.0                                      |
|                                     | 21.5  | 135.8            | 3131.4                                | 1.4                        | P L 115 3 135.8 | T 132SL2 | 26.0                                      |
|                                     | 21.4  | 44.9             | 3148.9                                | 1.0                        | P L 105 3 44.9  | T 160M6  | 22.0                                      |
|                                     | 21.1  | 69.2             | 3190.9                                | 2.4                        | P L 125 3 69.2  | T 132M4  | 33.0                                      |
|                                     | 21.1  | 45.5             | 3190.8                                | 1.7                        | P L 115 3 45.5  | T 160M6  | 26.0                                      |
|                                     | 20.9  | 139.9            | 3215.2                                | 1.0                        | P L 105 3 139.9 | T 112BL2 | 22.0                                      |
|                                     | 20.9  | 139.9            | 3226.0                                | 0.9                        | P L 105 3 139.9 | T 132SL2 | 22.0                                      |
|                                     | 20.8  | 140.1            | 3230.7                                | 2.9                        | P L 135 3 140.1 | T 132SL2 | 40.0                                      |
|                                     | 20.7  | 141.7            | 3255.6                                | 2.1                        | P L 125 3 141.7 | T 112BL2 | 33.0                                      |
|                                     | 20.7  | 70.7             | 3260.4                                | 0.9                        | P L 105 3 70.7  | T 132M4  | 22.0                                      |
|                                     | 20.6  | 141.7            | 3266.8                                | 2.1                        | P L 125 3 141.7 | T 132SL2 | 33.0                                      |
|                                     | 20.3  | 47.3             | 3352.0                                | 1.3                        | P - 150 2 47.3  | T 160M6  | 38.0                                      |
|                                     | 19.8  | 73.8             | 3403.8                                | 1.5                        | P L 115 3 73.8  | T 132M4  | 26.0                                      |
|                                     | 19.8  | 148.2            | 3405.7                                | 1.3                        | P L 115 3 148.2 | T 112BL2 | 26.0                                      |
|                                     | 19.7  | 148.2            | 3417.7                                | 1.3                        | P L 115 3 148.2 | T 132SL2 | 26.0                                      |
|                                     | 19.3  | 151.5            | 3333.3                                | 1.0                        | P E 125 151.48  | T 112BL2 | 10.5                                      |
|                                     | 19.3  | 49.7             | 3485.0                                | 1.5                        | P L 115 3 49.7  | T 160M6  | 26.0                                      |
|                                     | 19.3  | 75.7             | 3490.3                                | 2.1                        | P L 125 3 75.7  | T 132M4  | 33.0                                      |
|                                     | 19.3  | 151.5            | 3343.5                                | 1.0                        | P E 125 151.48  | T 132SL2 | 10.5                                      |
|                                     | 19.1  | 153.3            | 3534.2                                | 2.7                        | P L 135 3 153.3 | T 132SL2 | 40.0                                      |
|                                     | 19.0  | 153.9            | 3535.9                                | 0.9                        | P L 105 3 153.9 | T 112BL2 | 22.0                                      |
|                                     | 19.0  | 153.9            | 3549.4                                | 0.9                        | P L 105 3 153.9 | T 132SL2 | 22.0                                      |
|                                     | 18.9  | 50.7             | 3556.9                                | 0.9                        | P L 105 3 50.7  | T 160M6  | 22.0                                      |
|                                     | 18.9  | 155.1            | 3564.1                                | 1.9                        | P L 125 3 155.1 | T 112BL2 | 33.0                                      |
|                                     | 18.8  | 155.1            | 3575.5                                | 1.9                        | P L 125 3 155.1 | T 132SL2 | 33.0                                      |
|                                     | 18.8  | 77.6             | 3579.4                                | 2.9                        | P L 135 3 77.6  | T 132M4  | 40.0                                      |
|                                     | 18.7  | 51.3             | 3598.4                                | 2.3                        | P L 125 3 51.3  | T 160M6  | 33.0                                      |
|                                     | 18.5  | 158.6            | 3488.4                                | 1.0                        | P E 132 158.56  | T 112BL2 | 12.0                                      |
|                                     | 18.4  | 158.6            | 3499.5                                | 1.0                        | P E 132 158.56  | T 132SL2 | 12.0                                      |
|                                     | 18.3  | 79.8             | 3678.9                                | 0.8                        | P L 105 3 79.8  | T 132M4  | 22.0                                      |
|                                     | 18.0  | 81.0             | 3736.3                                | 2.0                        | P L 125 3 81    | T 132M4  | 33.0                                      |
|                                     | 18.0  | 81.3             | 3748.9                                | 1.3                        | P L 115 3 81.3  | T 132M4  | 26.0                                      |
|                                     | 18.0  | 163.1            | 3748.8                                | 1.2                        | P L 115 3 163.1 | T 112BL2 | 26.0                                      |
|                                     | 17.9  | 163.1            | 3761.3                                | 1.2                        | P L 115 3 163.1 | T 132SL2 | 26.0                                      |
|                                     | 17.7  | 54.3             | 3808.1                                | 1.4                        | P L 115 3 54.3  | T 160M6  | 26.0                                      |

7,5





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 7,5                                 | 17.5  | 55.0             | 3858.1                                | 0.8                        | P L 105 3 55  | T 160M6   | 22.0                                      |
|                                     | 17.4  | 84.0             | 3873.8                                | 2.7                        | P L 135 3 84  | T 132M4   | 40.0                                      |
|                                     | 17.3  | 169.2            | 3887.0                                | 0.8                        | P L 105 3 169.2   | T 112BL2  | 22.0                                      |
|                                     | 17.3  | 168.7            | 3889.5                                | 2.4                        | P L 135 3 168.7   | T 132SL2  | 40.0                                      |
|                                     | 17.3  | 169.2            | 3901.1                                | 0.8                        | P L 105 3 169.2   | T 132SL2  | 22.0                                      |
|                                     | 17.2  | 170.7            | 3923.5                                | 1.7                        | P L 125 3 170.7   | T 112BL2  | 33.0                                      |
|                                     | 17.1  | 170.7            | 3935.1                                | 1.7                        | P L 125 3 170.7   | T 132SL2  | 33.0                                      |
|                                     | 16.9  | 173.5            | 3816.5                                | 0.9                        | P E 132 173.51  | T 112BL2  | 12.0                                      |
|                                     | 16.8  | 173.5            | 3830.4                                | 0.9                        | P E 132 173.51  | T 132SL2  | 12.0                                      |
|                                     | 16.8  | 57.2             | 4012.3                                | 2.0                        | P L 125 3 57.2  | T 160M6   | 33.0                                      |
|                                     | 16.7  | 87.2             | 4022.1                                | 1.2                        | P L 115 3 87.2  | T 132M4   | 26.0                                      |
|                                     | 16.6  | 57.8             | 4053.5                                | 2.8                        | P L 135 3 57.8  | T 160M6   | 40.0                                      |
|                                     | 16.5  | 88.3             | 4073.1                                | 1.8                        | P L 125 3 88.3  | T 132M4   | 33.0                                      |
|                                     | 16.1  | 182.2            | 4008.8                                | 2.9                        | P E 190 182.17  | T 112BL2  | 27.0                                      |
|                                     | 16.1  | 59.7             | 4186.8                                | 1.3                        | P L 115 3 59.7  | T 160M6   | 26.0                                      |
|                                     | 16.0  | 182.2            | 4021.4                                | 2.9                        | P E 190 182.17  | T 132SL2  | 27.0                                      |
|                                     | 16.0  | 91.4             | 4216.0                                | 2.5                        | P L 135 3 91.4  | T 132M4   | 40.0                                      |
|                                     | 15.9  | 183.7            | 4234.4                                | 2.2                        | P L 135 3 183.7   | T 132SL2  | 40.0                                      |
|                                     | 15.5  | 189.1            | 4346.6                                | 1.6                        | P L 125 3 189.1   | T 112BL2  | 33.0                                      |
|                                     | 15.4  | 189.1            | 4360.5                                | 1.5                        | P L 125 3 189.1   | T 132SL2  | 33.0                                      |
|                                     | 15.4  | 190.3            | 4371.8                                | 1.0                        | P L 115 3 190.3   | T 112BL2  | 26.0                                      |
|                                     | 15.3  | 190.3            | 4388.8                                | 1.0                        | P L 115 3 190.3   | T 132SL2  | 26.0                                      |
|                                     | 15.3  | 191.0            | 4202.0                                | 0.8                        | P E 132 190.95  | T 112BL2  | 12.0                                      |
|                                     | 15.3  | 191.0            | 4216.2                                | 0.8                        | P E 132 190.95  | T 132SL2  | 12.0                                      |
|                                     | 15.1  | 63.5             | 4452.8                                | 1.8                        | P L 125 3 63.5  | T 160M6   | 33.0                                      |
|                                     | 15.0  | 64.1             | 4494.7                                | 1.2                        | P L 115 3 64.1  | T 160M6   | 26.0                                      |
|                                     | 15.0  | 97.6             | 4500.4                                | 1.7                        | P L 125 3 97.6  | T 132M4   | 33.0                                      |
|                                     | 14.8  | 65.1             | 4564.7                                | 2.5                        | P L 135 3 65.1  | T 160M6   | 40.0                                      |
|                                     | 14.6  | 100.1            | 4614.7                                | 2.3                        | P L 135 3 100.1   | T 132M4   | 40.0                                      |
|                                     | 14.5  | 201.0            | 4633.6                                | 2.0                        | P L 135 3 201   | T 132SL2  | 40.0                                      |
|                                     | 14.1  | 103.9            | 4792.0                                | 1.0                        | P L 115 3 103.9   | T 132M4   | 26.0                                      |
|                                     | 13.9  | 210.3            | 4833.2                                | 0.9                        | P L 115 3 210.3   | T 112BL2  | 26.0                                      |
|                                     | 13.9  | 210.7            | 4637.6                                | 2.5                        | P E 190 210.74  | T 112BL2  | 27.0                                      |
|                                     | 13.9  | 210.3            | 4850.5                                | 0.9                        | P L 115 3 210.3   | T 132SL2  | 26.0                                      |
|                                     | 13.9  | 69.2             | 4854.0                                | 1.7                        | P L 125 3 69.2  | T 160M6   | 33.0                                      |
|                                     | 13.9  | 210.7            | 4650.8                                | 2.5                        | P E 190 210.74  | T 132SL2  | 27.0                                      |
|                                     | 13.8  | 106.2            | 4896.4                                | 1.5                        | P L 125 3 106.2   | T 132M4   | 33.0                                      |
|                                     | 13.6  | 215.0            | 4729.5                                | 1.7                        | P E 170 215.02  | T 112BL2  | 21.0                                      |
|                                     | 13.6  | 215.0            | 4746.8                                | 1.7                        | P E 170 215.02  | T 132SL2  | 21.0                                      |
|                                     | 13.5  | 216.6            | 4764.1                                | 1.1                        | P E 150 216.61  | T 112BL2  | 16.0                                      |
|                                     | 13.5  | 216.6            | 4782.1                                | 1.1                        | P E 150 216.61  | T 132SL2  | 16.0                                      |
|                                     | 13.3  | 110.1            | 5077.4                                | 2.1                        | P L 135 3 110.1   | T 132M4   | 40.0                                      |
|                                     | 13.2  | 221.2            | 5100.4                                | 1.9                        | P L 135 3 221.2   | T 132SL2  | 40.0                                      |
|                                     | 13.0  | 73.8             | 5174.9                                | 1.1                        | P L 115 3 73.8  | T 160M6   | 26.0                                      |
|                                     | 12.8  | 114.3            | 5272.0                                | 0.9                        | P L 115 3 114.3   | T 132M4   | 26.0                                      |
|                                     | 12.8  | 229.4            | 5272.6                                | 0.9                        | P L 115 3 229.4   | T 112BL2  | 26.0                                      |
|                                     | 12.7  | 229.4            | 5289.1                                | 0.9                        | P L 115 3 229.4   | T 132SL2  | 26.0                                      |
|                                     | 12.7  | 75.7             | 5309.7                                | 1.5                        | P L 125 3 75.7  | T 160M6   | 33.0                                      |
|                                     | 12.6  | 116.3            | 5364.8                                | 1.4                        | P L 125 3 116.3   | T 132M4   | 33.0                                      |
|                                     | 12.4  | 77.6             | 5442.9                                | 2.1                        | P L 135 3 77.6  | T 160M6   | 40.0                                      |
| 12.1                                | 121.2   | 5587.0           | 0.9                                   | P L 115 3 121.2            | T 132M4   | 26.0  |   |
| 12.0                                | 121.8   | 5615.4           | 1.9                                   | P L 135 3 121.8            | T 132M4   | 40.0  |   |
| 11.9                                | 245.1   | 5652.8           | 1.7                                   | P L 135 3 245.1            | T 132SL2  | 40.0  |   |
| 11.9                                | 246.9   | 5430.7           | 2.1                                   | P E 190 246.94             | T 112BL2  | 27.0  |   |
| 11.9                                | 246.9   | 5430.9           | 1.5                                   | P E 170 246.94             | T 112BL2  | 21.0  |   |
| 11.9                                | 81.0  | 5681.5           | 1.4                                   | P L 125 3 81               | T 160M6   | 33.0  |   |
| 11.8                                | 246.9   | 5453.7           | 2.1                                   | P E 190 246.94             | T 132SL2  | 27.0  |   |
| 11.8                                | 246.9   | 5453.8           | 1.5                                   | P E 170 246.94             | T 132SL2  | 21.0  |   |
| 11.8                                | 81.3  | 5700.9           | 1.0                                   | P L 115 3 81.3             | T 160M6   | 26.0  |   |
| 11.4                                | 84.0  | 5890.5           | 1.9                                   | P L 135 3 84               | T 160M6   | 40.0  |   |
| 11.4                                | 127.9   | 5895.6           | 1.3                                   | P L 125 3 127.9            | T 132M4   | 33.0  |   |
| 11.0                                | 265.4   | 5839.1           | 0.9                                   | P E 150 265.44             | T 112BL2  | 16.0  |   |
| 11.0                                | 87.2  | 6115.5           | 0.9                                   | P L 115 3 87.2             | T 160M6   | 26.0  |   |
| 11.0                                | 265.4   | 5860.2           | 0.9                                   | P E 150 265.44             | T 132SL2  | 16.0  |   |
| 10.9                                | 268.9   | 5914.0           | 1.9                                   | P E 190 268.91             | T 112BL2  | 27.0  |   |
| 10.9                                | 268.8   | 5914.1           | 1.4                                   | P E 170 268.78             | T 112BL2  | 21.0  |   |
| 10.9                                | 134.1   | 6182.3           | 1.7                                   | P L 135 3 134.1            | T 132M4   | 40.0  |   |
| 10.9                                | 88.3  | 6194.0           | 1.3                                   | P L 125 3 88.3             | T 160M6   | 33.0  |   |
| 10.9                                | 268.9   | 5935.6           | 1.9                                   | P E 190 268.91             | T 132SL2  | 27.0  |   |
| 10.9                                | 268.8   | 5935.5           | 1.4                                   | P E 170 268.78             | T 132SL2  | 21.0  |   |
| 10.5                                | 91.4  | 6412.0           | 1.8                                   | P L 135 3 91.4             | T 160M6   | 40.0  |   |
| 10.4                                | 280.9   | 6180.4           | 0.9                                   | P E 150 280.94             | T 112BL2  | 16.0  |   |
| 10.4                                | 140.1   | 6461.3           | 1.6                                   | P L 135 3 140.1            | T 132M4   | 40.0  |   |
| 10.4                                | 280.9   | 6204.0           | 0.9                                   | P E 150 280.94             | T 132SL2  | 16.0  |   |
| 10.3                                | 141.7   | 6536.9           | 1.1                                   | P L 125 3 141.7            | T 132M4   | 33.0  |   |
| 10.1                                | 291.5   | 6414.1           | 1.8                                   | P E 190 291.48             | T 112BL2  | 27.0  |   |
| 10.0                                | 291.5   | 6433.2           | 1.8                                   | P E 190 291.48             | T 132SL2  | 27.0  |   |
| 9.8                                 | 97.6  | 6842.3           | 1.2                                   | P L 125 3 97.6             | T 160M6   | 33.0  |   |
| 9.7                                 | 302.0   | 6645.9           | 1.2                                   | P E 170 301.96             | T 112BL2  | 21.0  |   |
| 9.7                                 | 302.5   | 6652.5           | 1.7                                   | P E 190 302.51             | T 112BL2  | 27.0  |   |
| 9.7                                 | 302.0   | 6666.3           | 1.2                                   | P E 170 301.96             | T 132SL2  | 21.0  |   |
| 9.7                                 | 302.5   | 6679.8           | 1.7                                   | P E 190 302.51             | T 132SL2  | 27.0  |   |
| 9.6                                 | 100.1   | 7020.4           | 1.6                                   | P L 135 3 100.1            | T 160M6   | 40.0  |   |
| 9.5                                 | 153.3   | 7072.3           | 1.5                                   | P L 135 3 153.3            | T 132M4   | 40.0  |   |
| 9.4                                 | 155.1   | 7154.7           | 1.0                                   | P L 125 3 155.1            | T 132M4   | 33.0  |   |
| 9.2                                 | 317.4   | 6983.8           | 1.6                                   | P E 190 317.42             | T 112BL2  | 27.0  |   |
| 9.2                                 | 317.4   | 7007.1           | 1.6                                   | P E 190 317.42             | T 132SL2  | 27.0  |   |
| 9.0                                 | 106.2   | 7448.0           | 1.1                                   | P L 125 3 106.2            | T 160M6   | 33.0  |   |
| 8.9                                 | 329.4   | 7250.9           | 1.6                                   | P E 190 329.43             | T 112BL2  | 27.0  |   |
| 8.9                                 | 329.4   | 7275.4           | 1.6                                   | P E 190 329.43             | T 132SL2  | 27.0  |   |
| 8.9                                 | 330.6   | 7275.4           | 1.1                                   | P E 170 330.6              | T 112BL2  | 21.0  |   |
| 8.8                                 | 330.6   | 7300.8           | 1.1                                   | P E 170 330.6              | T 132SL2  | 21.0  |   |
| 8.7                                 | 110.1   | 7720.8           | 1.5                                   | P L 135 3 110.1            | T 160M6   | 40.0  |   |
| 8.7                                 | 168.7   | 7783.2           | 1.3                                   | P L 135 3 168.7            | T 132M4   | 40.0  |   |
| 8.6                                 | 170.7   | 7874.8           | 1.0                                   | P L 125 3 170.7            | T 132M4   | 33.0  |   |





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 7,5                                 | 8,4   | 347,4            | 7637,5                               | 1,5                        | P E 190 347,35  | T 112BL2 | 27,0                                      |
|                                     | 8,4   | 347,4            | 7665,3                               | 1,5                        | P E 190 347,35  | T 132SL2 | 27,0                                      |
|                                     | 8,3   | 116,3            | 8160,5                               | 1,0                        | P L 125 3 116,3 | T 160M6  | 33,0                                      |
|                                     | 8,2   | 357,1            | 7861,6                               | 1,5                        | P E 190 357,1   | T 112BL2 | 27,0                                      |
|                                     | 8,2   | 357,1            | 7861,0                               | 1,0                        | P E 170 357,1   | T 112BL2 | 21,0                                      |
|                                     | 8,2   | 357,1            | 7880,3                               | 1,5                        | P E 190 357,1   | T 132SL2 | 27,0                                      |
|                                     | 8,2   | 357,1            | 7880,4                               | 1,0                        | P E 170 357,1   | T 132SL2 | 21,0                                      |
|                                     | 8,0   | 182,2            | 8047,9                               | 1,6                        | P E 190 182,17  | T 132M4  | 27,0                                      |
|                                     | 8,0   | 183,7            | 8468,7                               | 1,2                        | P L 135 3 183,7 | T 132M4  | 40,0                                      |
|                                     | 7,9   | 121,8            | 8544,0                               | 1,3                        | P L 135 3 121,8 | T 160M6  | 40,0                                      |
|                                     | 7,8   | 377,5            | 8307,1                               | 1,0                        | P E 170 377,45  | T 112BL2 | 21,0                                      |
|                                     | 7,7   | 377,5            | 8328,8                               | 1,0                        | P E 170 377,45  | T 132SL2 | 21,0                                      |
|                                     | 7,7   | 189,1            | 8720,9                               | 0,9                        | P L 125 3 189,1 | T 132M4  | 33,0                                      |
|                                     | 7,5   | 388,9            | 8560,8                               | 1,3                        | P E 190 388,88  | T 112BL2 | 27,0                                      |
|                                     | 7,5   | 388,9            | 8583,8                               | 1,3                        | P E 190 388,88  | T 132SL2 | 27,0                                      |
|                                     | 7,5   | 127,9            | 8965,5                               | 0,9                        | P L 125 3 127,9 | T 160M6  | 33,0                                      |
|                                     | 7,3   | 201,0            | 9273,4                               | 1,1                        | P L 135 3 201   | T 132M4  | 40,0                                      |
|                                     | 7,2   | 134,1            | 9403,2                               | 1,2                        | P L 135 3 134,1 | T 160M6  | 40,0                                      |
|                                     | 7,2   | 409,3            | 9002,7                               | 0,9                        | P E 170 409,33  | T 112BL2 | 21,0                                      |
|                                     | 7,1   | 409,3            | 9041,5                               | 0,9                        | P E 170 409,33  | T 132SL2 | 21,0                                      |
|                                     | 6,9   | 210,7            | 9301,5                               | 1,3                        | P E 190 210,74  | T 132M4  | 27,0                                      |
|                                     | 6,9   | 425,6            | 9355,7                               | 1,2                        | P E 190 425,55  | T 112BL2 | 27,0                                      |
|                                     | 6,9   | 425,6            | 9396,4                               | 1,2                        | P E 190 425,55  | T 132SL2 | 27,0                                      |
|                                     | 6,9   | 140,1            | 9828,9                               | 1,2                        | P L 135 3 140,1 | T 160M6  | 40,0                                      |
|                                     | 6,8   | 215,0            | 9493,7                               | 0,9                        | P E 170 215,02  | T 132M4  | 21,0                                      |
|                                     | 6,8   | 141,7            | 9945,2                               | 0,8                        | P L 125 3 141,7 | T 160M6  | 33,0                                      |
|                                     | 6,6   | 221,2            | 10200,8                              | 1,0                        | P L 135 3 221,2 | T 132M4  | 40,0                                      |
|                                     | 6,6   | 445,6            | 9796,8                               | 0,8                        | P E 170 445,6   | T 112BL2 | 21,0                                      |
|                                     | 6,6   | 445,6            | 9841,2                               | 0,8                        | P E 170 445,6   | T 132SL2 | 21,0                                      |
|                                     | 6,5   | 448,2            | 9857,1                               | 1,2                        | P E 190 448,15  | T 112BL2 | 27,0                                      |
|                                     | 6,5   | 448,2            | 9886,5                               | 1,2                        | P E 190 448,15  | T 132SL2 | 27,0                                      |
|                                     | 6,3   | 153,3            | 10754,7                              | 1,1                        | P L 135 3 153,3 | T 160M6  | 40,0                                      |
|                                     | 6,1   | 483,2            | 10637,6                              | 1,1                        | P E 190 483,23  | T 112BL2 | 27,0                                      |
|                                     | 6,0   | 483,2            | 10673,2                              | 1,1                        | P E 190 483,23  | T 132SL2 | 27,0                                      |
|                                     | 6,0   | 245,1            | 11296,8                              | 0,9                        | P L 135 3 245,1 | T 132M4  | 40,0                                      |
|                                     | 5,9   | 246,9            | 10907,5                              | 1,1                        | P E 190 246,94  | T 132M4  | 27,0                                      |
|                                     | 5,9   | 246,9            | 10908,2                              | 0,8                        | P E 170 246,94  | T 132M4  | 21,0                                      |
|                                     | 5,7   | 168,7            | 11832,1                              | 1,0                        | P L 135 3 168,7 | T 160M6  | 40,0                                      |
|                                     | 5,6   | 526,2            | 11572,5                              | 1,0                        | P E 190 526,24  | T 112BL2 | 27,0                                      |
|                                     | 5,6   | 526,2            | 11614,6                              | 1,0                        | P E 190 526,24  | T 132SL2 | 27,0                                      |
|                                     | 5,4   | 268,9            | 11871,6                              | 1,1                        | P E 190 268,91  | T 132M4  | 27,0                                      |
|                                     | 5,3   | 182,2            | 12232,5                              | 1,0                        | P E 190 182,17  | T 160M6  | 27,0                                      |
| 5,2                                 | 183,7   | 12873,1          | 0,9                                  | P L 135 3 183,7            | T 160M6         | 40,0     |   |
| 5,1                                 | 575,9   | 12665,2          | 0,9                                  | P E 190 575,86             | T 112BL2        | 27,0     |   |
| 5,1                                 | 575,9   | 12713,7          | 0,9                                  | P E 190 575,86             | T 132SL2        | 27,0     |   |
| 5,0                                 | 291,5   | 12867,1          | 1,0                                  | P E 190 291,48             | T 132M4         | 27,0     |   |
| 4,8                                 | 302,5   | 13347,1          | 0,9                                  | P E 190 302,51             | T 132M4         | 27,0     |   |
| 4,8                                 | 606,4   | 13347,3          | 0,9                                  | P E 190 606,41             | T 112BL2        | 27,0     |   |
| 4,8                                 | 606,4   | 13374,2          | 0,9                                  | P E 190 606,41             | T 132SL2        | 27,0     |   |
| 4,8                                 | 201,0   | 14084,7          | 0,8                                  | P L 135 3 201              | T 160M6         | 40,0     |   |
| 4,6                                 | 317,4   | 14013,5          | 0,9                                  | P E 190 317,42             | T 132M4         | 27,0     |   |
| 4,6                                 | 210,7   | 14136,0          | 0,9                                  | P E 190 210,74             | T 160M6         | 27,0     |   |
| 4,4                                 | 329,4   | 14550,7          | 0,9                                  | P E 190 329,43             | T 132M4         | 27,0     |   |
| 4,2                                 | 347,4   | 15348,7          | 0,8                                  | P E 190 347,35             | T 132M4         | 27,0     |   |





HIGH TECH *line* Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
|                                     | 540.7   | 2.7              | 154.4                                | 2.1                        | P - 90 2 2.7  | T 132ML4  | 10.5                                      |
|                                     | 347.6   | 4.2              | 240.1                                | 2.0                        | P - 90 2 4.2  | T 132ML4  | 10.5                                      |
|                                     | 320.9   | 4.6              | 260.1                                | 2.3                        | P - 80 2 4.55   | T 132ML4  | 7.5                                       |
|                                     | 275.5   | 5.3              | 303.0                                | 1.7                        | P - 90 2 5.3  | T 132ML4  | 10.5                                      |
|                                     | 256.1   | 5.7              | 325.9                                | 2.1                        | P - 80 2 5.7  | T 132ML4  | 7.5                                       |
|                                     | 247.5   | 5.9              | 337.3                                | 1.7                        | P - 90 2 5.9  | T 132ML4  | 10.5                                      |
|                                     | 239.3   | 6.1              | 348.7                                | 2.7                        | P - 112 2 6.1   | T 132ML4  | 16.5                                      |
|                                     | 218.6   | 6.7              | 381.9                                | 1.8                        | P - 80 2 6.68   | T 132ML4  | 7.5                                       |
|                                     | 217.9   | 6.7              | 383.0                                | 1.6                        | P - 90 2 6.7  | T 132ML4  | 10.5                                      |
|                                     | 214.7   | 6.8              | 388.7                                | 2.5                        | P - 112 2 6.8   | T 132ML4  | 16.5                                      |
|                                     | 202.2   | 7.2              | 412.7                                | 1.6                        | P - 80 2 7.22   | T 132ML4  | 7.5                                       |
|                                     | 187.2   | 7.8              | 445.9                                | 1.5                        | P - 90 2 7.8  | T 132ML4  | 10.5                                      |
|                                     | 184.8   | 7.9              | 451.6                                | 2.3                        | P - 112 2 7.9   | T 132ML4  | 16.5                                      |
|                                     | 174.6   | 8.4              | 477.9                                | 1.4                        | P - 80 2 8.36   | T 132ML4  | 7.5                                       |
|                                     | 167.8   | 8.7              | 497.3                                | 1.1                        | P - 90 2 8.7  | T 132ML4  | 10.5                                      |
|                                     | 164.0   | 8.9              | 508.8                                | 2.2                        | P - 112 2 8.9   | T 132ML4  | 16.5                                      |
|                                     | 157.0   | 9.3              | 531.7                                | 1.1                        | P - 90 2 9.3  | T 132ML4  | 10.5                                      |
|                                     | 155.3   | 9.4              | 537.4                                | 1.3                        | P - 80 2 9.4  | T 132ML4  | 7.5                                       |
|                                     | 150.5   | 9.7              | 554.5                                | 2.0                        | P - 112 2 9.7   | T 132ML4  | 16.5                                      |
|                                     | 150.5   | 9.7              | 554.5                                | 1.5                        | P - 90 2 9.7  | T 132ML4  | 10.5                                      |
|                                     | 147.5   | 9.9              | 566.0                                | 2.8                        | P - 125 2 9.9   | T 132ML4  | 21.0                                      |
|                                     | 145.4   | 10.0             | 574.0                                | 1.2                        | P - 80 2 10.04  | T 132ML4  | 7.5                                       |
|                                     | 133.9   | 10.9             | 623.2                                | 1.4                        | P - 90 2 10.9   | T 132ML4  | 10.5                                      |
|                                     | 131.5   | 11.1             | 634.6                                | 1.7                        | P - 112 2 11.1  | T 132ML4  | 16.5                                      |
|                                     | 125.7   | 11.6             | 664.3                                | 1.0                        | P - 80 2 11.62  | T 132ML4  | 7.5                                       |
|                                     | 118.7   | 12.3             | 703.2                                | 1.3                        | P - 90 2 12.3   | T 132ML4  | 10.5                                      |
|                                     | 117.7   | 12.4             | 708.9                                | 2.0                        | P - 112 2 12.4  | T 132ML4  | 16.5                                      |
|                                     | 116.8   | 12.5             | 714.6                                | 2.5                        | P - 125 2 12.5  | T 132ML4  | 21.0                                      |
|                                     | 106.2   | 13.8             | 786.1                                | 1.0                        | P - 80 2 13.75  | T 132ML4  | 7.5                                       |
|                                     | 104.3   | 14.0             | 800.3                                | 1.1                        | P - 90 2 14   | T 132ML4  | 10.5                                      |
|                                     | 100.7   | 14.5             | 829.0                                | 1.9                        | P - 112 2 14.5  | T 132ML4  | 16.5                                      |
|                                     | 99.1  | 14.7             | 842.7                                | 0.9                        | P - 80 2 14.74  | T 132ML4  | 7.5                                       |
|                                     | 96.7  | 15.1             | 863.3                                | 2.2                        | P - 125 2 15.1  | T 132ML4  | 21.0                                      |
|                                     | 91.3  | 16.0             | 914.7                                | 1.0                        | P - 90 2 16   | T 132ML4  | 10.5                                      |
|                                     | 89.6  | 16.3             | 931.9                                | 1.7                        | P - 112 2 16.3  | T 132ML4  | 16.5                                      |
|                                     | 85.5  | 17.1             | 975.9                                | 0.9                        | P - 80 2 17.07  | T 132ML4  | 7.5                                       |
|                                     | 85.4  | 17.1             | 977.6                                | 0.9                        | P - 90 2 17.1   | T 132ML4  | 10.5                                      |
|                                     | 82.5  | 17.7             | 1011.8                               | 1.7                        | P - 112 2 17.7  | T 132ML4  | 16.5                                      |
|                                     | 79.1  | 18.5             | 1054.8                               | 0.9                        | P - 80 2 18.45  | T 132ML4  | 7.5                                       |
|                                     | 77.2  | 18.9             | 1081.6                               | 2.8                        | P - 132 2 18.92   | T 132ML4  | 30.0                                      |
|                                     | 73.7  | 19.8             | 1132.0                               | 0.8                        | P - 90 2 19.8   | T 132ML4  | 10.5                                      |
|                                     | 73.4  | 19.9             | 1137.6                               | 1.8                        | P - 125 2 19.9  | T 132ML4  | 21.0                                      |
|                                     | 72.3  | 20.2             | 1154.8                               | 1.5                        | P - 112 2 20.2  | T 132ML4  | 16.5                                      |
|                                     | 70.9  | 20.6             | 1165.3                               | 2.1                        | P L 105 3 20.6  | T 132ML4  | 22.0                                      |
|                                     | 70.1  | 20.8             | 1190.8                               | 2.5                        | P - 132 2 20.83   | T 132ML4  | 30.0                                      |
|                                     | 67.3  | 21.7             | 1240.6                               | 1.4                        | P - 112 2 21.7  | T 132ML4  | 16.5                                      |
|                                     | 64.9  | 22.5             | 1272.7                               | 2.0                        | P L 105 3 22.5  | T 132ML4  | 22.0                                      |
|                                     | 63.3  | 23.1             | 1318.8                               | 2.3                        | P - 132 2 23.07   | T 132ML4  | 30.0                                      |
|                                     | 61.9  | 23.6             | 1320.9                               | 1.2                        | P L 95 3 23.6   | T 132ML4  | 16.0                                      |
|                                     | 61.1  | 23.9             | 1351.9                               | 1.9                        | P L 105 3 23.9  | T 132ML4  | 22.0                                      |
|                                     | 58.2  | 25.1             | 1434.8                               | 1.5                        | P - 125 2 25.1  | T 132ML4  | 21.0                                      |
|                                     | 57.5  | 25.4             | 1452.1                               | 1.1                        | P - 112 2 25.4  | T 132ML4  | 16.5                                      |
|                                     | 55.4  | 26.4             | 1506.4                               | 2.0                        | P - 132 2 26.35   | T 132ML4  | 30.0                                      |
|                                     | 54.3  | 26.9             | 1521.5                               | 2.8                        | P L 115 3 26.9  | T 132ML4  | 26.0                                      |
|                                     | 53.3  | 27.4             | 1533.6                               | 1.2                        | P L 95 3 27.4   | T 132ML4  | 16.0                                      |
|                                     | 51.1  | 28.6             | 1617.7                               | 1.6                        | P L 105 3 28.6  | T 132ML4  | 22.0                                      |
|                                     | 50.3  | 29.0             | 1658.0                               | 1.9                        | P - 132 2 29  | T 132ML4  | 30.0                                      |
|                                     | 50.2  | 29.1             | 1663.7                               | 1.1                        | P - 112 2 29.1  | T 132ML4  | 16.5                                      |
|                                     | 49.8  | 29.3             | 1675.1                               | 2.8                        | P - 150 2 29.3  | T 132ML4  | 38.0                                      |
|                                     | 48.3  | 30.2             | 1726.7                               | 1.3                        | P - 125 2 30.2  | T 132ML4  | 21.0                                      |
|                                     | 46.7  | 31.3             | 1770.3                               | 1.6                        | P L 105 3 31.3  | T 132ML4  | 22.0                                      |
|                                     | 45.5  | 32.1             | 1835.2                               | 2.7                        | P - 150 2 32.1  | T 132ML4  | 38.0                                      |
|                                     | 45.5  | 32.1             | 1815.9                               | 2.4                        | P L 115 3 32.1  | T 132ML4  | 26.0                                      |
|                                     | 45.4  | 32.1             | 1836.9                               | 1.7                        | P - 132 2 32.13   | T 132ML4  | 30.0                                      |
|                                     | 45.2  | 32.3             | 1846.5                               | 0.9                        | P - 112 2 32.3  | T 132ML4  | 16.5                                      |
|                                     | 44.4  | 32.9             | 1841.2                               | 1.1                        | P L 95 3 32.9   | T 132ML4  | 16.0                                      |
|                                     | 43.5  | 33.6             | 1918.0                               | 1.5                        | P - 132 2 33.55   | T 132ML4  | 30.0                                      |
|                                     | 41.6  | 35.1             | 2006.4                               | 2.2                        | P - 150 2 35.1  | T 132ML4  | 38.0                                      |
|                                     | 41.5  | 35.2             | 1991.0                               | 1.4                        | P L 105 3 35.2  | T 132ML4  | 22.0                                      |
|                                     | 39.5  | 36.9             | 2110.9                               | 1.4                        | P - 132 2 36.92   | T 132ML4  | 30.0                                      |
|                                     | 38.5  | 37.9             | 2144.1                               | 2.1                        | P L 115 3 37.9  | T 132ML4  | 26.0                                      |
|                                     | 38.2  | 38.2             | 2183.9                               | 1.1                        | P - 125 2 38.2  | T 132ML4  | 21.0                                      |
|                                     | 37.9  | 38.5             | 2177.9                               | 1.3                        | P L 105 3 38.5  | T 132ML4  | 22.0                                      |
|                                     | 37.7  | 38.7             | 2212.2                               | 1.9                        | P - 150 2 38.7  | T 132ML4  | 38.0                                      |
|                                     | 36.1  | 40.5             | 2266.5                               | 0.9                        | P L 95 3 40.5   | T 132ML4  | 16.0                                      |
|                                     | 36.0  | 40.6             | 2296.7                               | 2.2                        | P L 115 3 40.6  | T 132ML4  | 26.0                                      |
|                                     | 35.7  | 40.9             | 2338.6                               | 1.3                        | P - 132 2 40.91   | T 132ML4  | 30.0                                      |
|                                     | 34.1  | 42.8             | 2447.0                               | 1.8                        | P - 150 2 42.8  | T 132ML4  | 38.0                                      |
|                                     | 33.0  | 44.3             | 2532.2                               | 0.9                        | P - 125 2 44.3  | T 132ML4  | 21.0                                      |
|                                     | 32.5  | 44.9             | 2539.7                               | 1.1                        | P L 105 3 44.9  | T 132ML4  | 22.0                                      |
|                                     | 32.1  | 45.5             | 2573.7                               | 1.9                        | P L 115 3 45.5  | T 132ML4  | 26.0                                      |
|                                     | 31.1  | 46.9             | 2624.6                               | 0.8                        | P L 95 3 46.9   | T 132ML4  | 16.0                                      |
|                                     | 30.9  | 47.3             | 2703.7                               | 1.5                        | P - 150 2 47.3  | T 132ML4  | 38.0                                      |
|                                     | 29.4  | 49.7             | 2811.1                               | 1.7                        | P L 115 3 49.7  | T 132ML4  | 26.0                                      |
|                                     | 28.8  | 50.7             | 2867.6                               | 1.0                        | P L 105 3 50.7  | T 132ML4  | 22.0                                      |
|                                     | 26.9  | 54.3             | 3071.4                               | 1.6                        | P L 115 3 54.3  | T 132ML4  | 26.0                                      |
|                                     | 26.6  | 55.0             | 3110.6                               | 0.9                        | P L 105 3 55  | T 132ML4  | 22.0                                      |
|                                     | 24.5  | 59.7             | 3376.4                               | 1.5                        | P L 115 3 59.7  | T 132ML4  | 26.0                                      |
|                                     | 23.3  | 62.7             | 3546.0                               | 0.8                        | P L 105 3 62.7  | T 132ML4  | 22.0                                      |
|                                     | 23.0  | 63.5             | 3592.4                               | 2.1                        | P L 125 3 63.5  | T 132ML4  | 33.0                                      |
|                                     | 22.8  | 64.1             | 3625.6                               | 1.3                        | P L 115 3 64.1  | T 132ML4  | 26.0                                      |
|                                     | 22.4  | 65.1             | 3682.1                               | 2.9                        | P L 135 3 65.1  | T 132ML4  | 40.0                                      |
|                                     | 21.1  | 69.2             | 3914.2                               | 1.9                        | P L 125 3 69.2  | T 132ML4  | 33.0                                      |

9,2

E140

CT17 IGBD 4.0





| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
| 9,2                                 | 19,8  | 73,8             | 4175,4                               | 1,2                        | P L 115 3 73.8  | T 132ML4 | 26,0                                      |
|                                     | 19,3  | 75,7             | 4281,5                               | 1,8                        | P L 125 3 75.7  | T 132ML4 | 33,0                                      |
|                                     | 18,8  | 77,6             | 4390,7                               | 2,4                        | P L 135 3 77.6  | T 132ML4 | 40,0                                      |
|                                     | 18,0  | 81,0             | 4583,2                               | 1,6                        | P L 125 3 81    | T 132ML4 | 33,0                                      |
|                                     | 18,0  | 81,3             | 4598,6                               | 1,1                        | P L 115 3 81.3  | T 132ML4 | 26,0                                      |
|                                     | 17,4  | 84,0             | 4751,8                               | 2,2                        | P L 135 3 84    | T 132ML4 | 40,0                                      |
|                                     | 16,7  | 87,2             | 4933,8                               | 1,0                        | P L 115 3 87.2  | T 132ML4 | 26,0                                      |
|                                     | 16,5  | 88,3             | 4996,4                               | 1,5                        | P L 125 3 88.3  | T 132ML4 | 33,0                                      |
|                                     | 16,0  | 91,4             | 5171,6                               | 2,0                        | P L 135 3 91.4  | T 132ML4 | 40,0                                      |
|                                     | 15,0  | 97,6             | 5520,4                               | 1,4                        | P L 125 3 97.6  | T 132ML4 | 33,0                                      |
|                                     | 14,6  | 100,1            | 5660,7                               | 1,9                        | P L 135 3 100.1 | T 132ML4 | 40,0                                      |
|                                     | 14,1  | 103,9            | 5878,2                               | 0,8                        | P L 115 3 103.9 | T 132ML4 | 26,0                                      |
|                                     | 13,8  | 106,2            | 6006,3                               | 1,2                        | P L 125 3 106.2 | T 132ML4 | 33,0                                      |
|                                     | 13,3  | 110,1            | 6228,2                               | 1,7                        | P L 135 3 110.1 | T 132ML4 | 40,0                                      |
|                                     | 12,6  | 116,3            | 6580,8                               | 1,1                        | P L 125 3 116.3 | T 132ML4 | 33,0                                      |
|                                     | 12,0  | 121,8            | 6888,2                               | 1,5                        | P L 135 3 121.8 | T 132ML4 | 40,0                                      |
|                                     | 11,4  | 127,9            | 7231,9                               | 1,0                        | P L 125 3 127.9 | T 132ML4 | 33,0                                      |
|                                     | 10,9  | 134,1            | 7583,6                               | 1,4                        | P L 135 3 134.1 | T 132ML4 | 40,0                                      |
|                                     | 10,4  | 140,1            | 7925,8                               | 1,3                        | P L 135 3 140.1 | T 132ML4 | 40,0                                      |
|                                     | 10,3  | 141,7            | 8018,6                               | 0,9                        | P L 125 3 141.7 | T 132ML4 | 33,0                                      |
|                                     | 9,5   | 153,3            | 8675,3                               | 1,2                        | P L 135 3 153.3 | T 132ML4 | 40,0                                      |
|                                     | 9,4   | 155,1            | 8776,4                               | 0,9                        | P L 125 3 155.1 | T 132ML4 | 33,0                                      |
|                                     | 8,7   | 168,7            | 9547,3                               | 1,1                        | P L 135 3 168.7 | T 132ML4 | 40,0                                      |
|                                     | 8,0   | 182,2            | 9872,1                               | 1,3                        | P E 190 182.17  | T 132ML4 | 27,0                                      |
|                                     | 8,0   | 183,7            | 10388,2                              | 1,0                        | P L 135 3 183.7 | T 132ML4 | 40,0                                      |
|                                     | 7,3   | 201,0            | 11375,4                              | 0,9                        | P L 135 3 201   | T 132ML4 | 40,0                                      |
|                                     | 6,9   | 210,7            | 11409,9                              | 1,1                        | P E 190 210.74  | T 132ML4 | 27,0                                      |
|                                     | 6,6   | 221,2            | 12513,0                              | 0,8                        | P L 135 3 221.2 | T 132ML4 | 40,0                                      |
|                                     | 5,9   | 246,9            | 13379,9                              | 0,9                        | P E 190 246.94  | T 132ML4 | 27,0                                      |
|                                     | 5,4   | 268,9            | 14562,5                              | 0,9                        | P E 190 268.91  | T 132ML4 | 27,0                                      |
| 11                                  | 1088,9  | 2,7              | 91,6                                 | 2,9                        | P - 90 2 2.7    | T 132M2  | 10,5                                      |
|                                     | 700,0   | 4,2              | 142,6                                | 2,7                        | P - 90 2 4.2    | T 132M2  | 10,5                                      |
|                                     | 554,7   | 5,3              | 179,9                                | 2,4                        | P - 90 2 5.3    | T 132M2  | 10,5                                      |
|                                     | 498,3   | 5,9              | 200,3                                | 2,2                        | P - 90 2 5.9    | T 132M2  | 10,5                                      |
|                                     | 440,1   | 6,7              | 226,8                                | 2,7                        | P - 80 2 6.68   | T 132M2  | 7,5                                       |
|                                     | 438,8   | 6,7              | 227,4                                | 2,1                        | P - 90 2 6.7    | T 132M2  | 10,5                                      |
|                                     | 432,4   | 3,4              | 230,8                                | 2,8                        | P - 112 2 3.4   | T 160M4  | 16,5                                      |
|                                     | 407,2   | 7,2              | 245,1                                | 2,5                        | P - 80 2 7.22   | T 132M2  | 7,5                                       |
|                                     | 376,9   | 7,8              | 264,8                                | 2,0                        | P - 90 2 7.8    | T 132M2  | 10,5                                      |
|                                     | 367,5   | 4,0              | 271,6                                | 2,8                        | P - 112 2 4     | T 160M4  | 16,5                                      |
|                                     | 351,7   | 8,4              | 283,8                                | 2,2                        | P - 80 2 8.36   | T 132M2  | 7,5                                       |
|                                     | 337,9   | 8,7              | 295,3                                | 1,6                        | P - 90 2 8.7    | T 132M2  | 10,5                                      |
|                                     | 333,7   | 8,9              | 299,1                                | 3,0                        | P - 112 2 8.9   | T 160MA2 | 16,5                                      |
|                                     | 331,0   | 2,9              | 301,5                                | 2,2                        | P - 112 2 2.9   | T 160L6  | 16,5                                      |
|                                     | 330,3   | 8,9              | 302,1                                | 2,9                        | P - 112 2 8.9   | T 132M2  | 16,5                                      |
|                                     | 319,6   | 4,6              | 312,3                                | 2,6                        | P - 112 2 4.6   | T 160M4  | 16,5                                      |
|                                     | 316,1   | 9,3              | 315,7                                | 1,5                        | P - 90 2 9.3    | T 132M2  | 10,5                                      |
|                                     | 312,8   | 9,4              | 319,1                                | 1,9                        | P - 80 2 9.4    | T 132M2  | 7,5                                       |
|                                     | 306,2   | 9,7              | 325,9                                | 2,8                        | P - 112 2 9.7   | T 160MA2 | 16,5                                      |
|                                     | 303,1   | 9,7              | 329,3                                | 2,7                        | P - 112 2 9.7   | T 132M2  | 16,5                                      |
|                                     | 303,1   | 9,7              | 329,3                                | 2,0                        | P - 90 2 9.7    | T 132M2  | 10,5                                      |
|                                     | 292,8   | 10,0             | 340,8                                | 1,7                        | P - 80 2 10.04  | T 132M2  | 7,5                                       |
|                                     | 282,4   | 3,4              | 353,5                                | 2,0                        | P - 112 2 3.4   | T 160L6  | 16,5                                      |
|                                     | 272,2   | 5,4              | 366,6                                | 2,7                        | P - 125 2 5.4   | T 160M4  | 21,0                                      |
|                                     | 269,7   | 10,9             | 370,0                                | 1,9                        | P - 90 2 10.9   | T 132M2  | 10,5                                      |
|                                     | 267,6   | 11,1             | 373,0                                | 2,5                        | P - 112 2 11.1  | T 160MA2 | 16,5                                      |
|                                     | 264,9   | 11,1             | 376,8                                | 2,5                        | P - 112 2 11.1  | T 132M2  | 16,5                                      |
|                                     | 253,0   | 11,6             | 394,4                                | 1,5                        | P - 80 2 11.62  | T 132M2  | 7,5                                       |
|                                     | 241,0   | 6,1              | 414,1                                | 2,3                        | P - 112 2 6.1   | T 160M4  | 16,5                                      |
|                                     | 240,0   | 4,0              | 415,8                                | 2,0                        | P - 112 2 4     | T 160L6  | 16,5                                      |
|                                     | 239,5   | 12,4             | 416,7                                | 2,8                        | P - 112 2 12.4  | T 160MA2 | 16,5                                      |
|                                     | 239,0   | 12,3             | 417,5                                | 1,8                        | P - 90 2 12.3   | T 132M2  | 10,5                                      |
|                                     | 237,1   | 12,4             | 420,9                                | 2,7                        | P - 112 2 12.4  | T 132M2  | 16,5                                      |
|                                     | 226,2   | 6,5              | 441,3                                | 2,7                        | P - 125 2 6.5   | T 160M4  | 21,0                                      |
|                                     | 216,2   | 6,8              | 461,6                                | 2,1                        | P - 112 2 6.8   | T 160M4  | 16,5                                      |
|                                     | 213,8   | 13,8             | 466,7                                | 1,4                        | P - 80 2 13.75  | T 132M2  | 7,5                                       |
|                                     | 210,0   | 14,0             | 475,2                                | 1,6                        | P - 90 2 14     | T 132M2  | 10,5                                      |
|                                     | 208,7   | 4,6              | 478,2                                | 1,9                        | P - 112 2 4.6   | T 160L6  | 16,5                                      |
|                                     | 204,8   | 14,5             | 487,2                                | 2,6                        | P - 112 2 14.5  | T 160MA2 | 16,5                                      |
|                                     | 202,8   | 14,5             | 492,2                                | 2,5                        | P - 112 2 14.5  | T 132M2  | 16,5                                      |
|                                     | 199,5   | 14,7             | 500,3                                | 1,3                        | P - 80 2 14.74  | T 132M2  | 7,5                                       |
|                                     | 186,1   | 7,9              | 536,3                                | 2,0                        | P - 112 2 7.9   | T 160M4  | 16,5                                      |
|                                     | 183,8   | 16,0             | 543,1                                | 1,4                        | P - 90 2 16     | T 132M2  | 10,5                                      |
|                                     | 182,2   | 16,3             | 547,7                                | 2,4                        | P - 112 2 16.3  | T 160MA2 | 16,5                                      |
|                                     | 180,4   | 16,3             | 553,3                                | 2,4                        | P - 112 2 16.3  | T 132M2  | 16,5                                      |
|                                     | 179,3   | 8,2              | 556,7                                | 2,7                        | P - 125 2 8.2   | T 160M4  | 21,0                                      |
|                                     | 177,8   | 5,4              | 561,3                                | 1,9                        | P - 125 2 5.4   | T 160L6  | 21,0                                      |
|                                     | 172,2   | 17,1             | 579,4                                | 1,3                        | P - 80 2 17.07  | T 132M2  | 7,5                                       |
|                                     | 171,9   | 17,1             | 580,5                                | 1,3                        | P - 90 2 17.1   | T 132M2  | 10,5                                      |
|                                     | 167,8   | 17,7             | 594,7                                | 2,3                        | P - 112 2 17.7  | T 160MA2 | 16,5                                      |
| 166,1                               | 17,7  | 600,8            | 2,3                                  | P - 112 2 17.7             | T 132M2         | 16,5     |   |
| 165,2                               | 8,9   | 604,2            | 1,8                                  | P - 112 2 8.9              | T 160M4         | 16,5     |   |
| 159,4                               | 18,5  | 626,3            | 1,3                                  | P - 80 2 18.45             | T 132M2         | 7,5      |   |
| 157,4                               | 6,1   | 634,1            | 1,5                                  | P - 112 2 6.1              | T 160L6         | 16,5     |   |
| 151,6                               | 9,7   | 658,5            | 1,7                                  | P - 112 2 9.7              | T 160M4         | 16,5     |   |
| 150,9                               | 19,5  | 661,5            | 0,8                                  | P - 80 2 19.49             | T 132M2         | 7,5      |   |
| 149,3                               | 19,9  | 668,7            | 2,7                                  | P - 125 2 19.9             | T 160MA2        | 21,0     |   |
| 148,5                               | 9,9   | 672,1            | 2,4                                  | P - 125 2 9.9              | T 160M4         | 21,0     |   |
| 148,5                               | 19,8  | 672,1            | 1,1                                  | P - 90 2 19.8              | T 132M2         | 10,5     |   |
| 147,7                               | 19,9  | 675,5            | 2,7                                  | P - 125 2 19.9             | T 132M2         | 21,0     |   |
| 147,7                               | 6,5   | 675,7            | 1,9                                  | P - 125 2 6.5              | T 160L6         | 21,0     |   |
| 147,0                               | 20,2  | 678,8            | 2,1                                  | P - 112 2 20.2             | T 160MA2        | 16,5     |   |
| 145,5                               | 20,2  | 685,7            | 2,1                                  | P - 112 2 20.2             | T 132M2         | 16,5     |   |
| 141,2                               | 6,8   | 706,9            | 1,4                                  | P - 112 2 6.8              | T 160L6         | 16,5     |   |





HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 137.4                               | 21.4  | 726.5            | 1.0                                   | P - 90 2 21.4              | T 132M2   | 10.5  |   |
| 136.9                               | 21.7  | 729.1            | 2.0                                   | P - 112 2 21.7             | T 160MA2  | 16.5  |   |
| 135.5                               | 21.7  | 736.6            | 2.0                                   | P - 112 2 21.7             | T 132M2   | 16.5  |   |
| 132.4                               | 11.1  | 753.6            | 1.5                                   | P - 112 2 11.1             | T 160M4   | 16.5  |   |
| 125.9                               | 23.6  | 776.3            | 1.9                                   | P L 95 3 23.6              | T 160MA2  | 16.0  |   |
| 124.6                               | 23.6  | 784.2            | 1.8                                   | P L 95 3 23.6              | T 132M2   | 16.0  |   |
| 124.3                               | 23.9  | 794.6            | 2.9                                   | P L 105 3 23.9             | T 160MA2  | 22.0  |   |
| 123.5                               | 23.8  | 790.9            | 0.9                                   | P L 85 3 23.8              | T 132M2   | 11.0  |   |
| 123.0                               | 23.9  | 802.8            | 2.9                                   | P L 105 3 23.9             | T 132M2   | 22.0  |   |
| 121.5                               | 7.9   | 821.2            | 1.3                                   | P - 112 2 7.9              | T 160L6   | 16.5  |   |
| 118.6                               | 12.4  | 841.8            | 1.7                                   | P - 112 2 12.4             | T 160M4   | 16.5  |   |
| 118.3                               | 25.1  | 843.4            | 2.2                                   | P - 125 2 25.1             | T 160MA2  | 21.0  |   |
| 117.6                               | 12.5  | 848.6            | 2.1                                   | P - 125 2 12.5             | T 160M4   | 21.0  |   |
| 117.6                               | 25.0  | 848.6            | 0.9                                   | P - 90 2 25                | T 132M2   | 10.5  |   |
| 117.1                               | 25.1  | 852.0            | 2.2                                   | P - 125 2 25.1             | T 132M2   | 21.0  |   |
| 117.1                               | 8.2   | 852.5            | 1.9                                   | P - 125 2 8.2              | T 160L6   | 21.0  |   |
| 116.9                               | 25.4  | 853.5            | 1.7                                   | P - 112 2 25.4             | T 160MA2  | 16.5  |   |
| 115.8                               | 25.4  | 862.2            | 1.7                                   | P - 112 2 25.4             | T 132M2   | 16.5  |   |
| 108.4                               | 27.4  | 901.3            | 1.8                                   | P L 95 3 27.4              | T 160MA2  | 16.0  |   |
| 107.9                               | 8.9   | 925.1            | 1.2                                   | P - 112 2 8.9              | T 160L6   | 16.5  |   |
| 107.3                               | 27.4  | 910.5            | 1.8                                   | P L 95 3 27.4              | T 132M2   | 16.0  |   |
| 106.9                               | 27.5  | 913.8            | 0.9                                   | P L 85 3 27.5              | T 132M2   | 11.0  |   |
| 103.9                               | 28.6  | 950.9            | 2.5                                   | P L 105 3 28.6             | T 160MA2  | 22.0  |   |
| 102.8                               | 28.6  | 960.6            | 2.4                                   | P L 105 3 28.6             | T 132M2   | 22.0  |   |
| 102.4                               | 29.0  | 974.5            | 3.0                                   | P - 132 2 29               | T 160MA2  | 30.0  |   |
| 102.1                               | 29.1  | 977.8            | 1.5                                   | P - 112 2 29.1             | T 160MA2  | 16.5  |   |
| 101.4                               | 29.0  | 984.4            | 2.9                                   | P - 132 2 29               | T 132M2   | 30.0  |   |
| 101.4                               | 14.5  | 984.4            | 1.6                                   | P - 112 2 14.5             | T 160M4   | 16.5  |   |
| 101.0                               | 29.1  | 987.8            | 1.5                                   | P - 112 2 29.1             | T 132M2   | 16.5  |   |
| 99.0                                | 9.7   | 1008.3           | 1.1                                   | P - 112 2 9.7              | T 160L6   | 16.5  |   |
| 98.3                                | 30.2  | 1014.8           | 2.0                                   | P - 125 2 30.2             | T 160MA2  | 21.0  |   |
| 97.4                                | 30.2  | 1025.1           | 1.9                                   | P - 125 2 30.2             | T 132M2   | 21.0  |   |
| 97.4                                | 15.1  | 1025.2           | 1.9                                   | P - 125 2 15.1             | T 160M4   | 21.0  |   |
| 97.0                                | 9.9   | 1029.2           | 1.7                                   | P - 125 2 9.9              | T 160L6   | 21.0  |   |
| 94.9                                | 31.3  | 1040.7           | 2.4                                   | P L 105 3 31.3             | T 160MA2  | 22.0  |   |
| 93.9                                | 31.3  | 1051.3           | 2.4                                   | P L 105 3 31.3             | T 132M2   | 22.0  |   |
| 92.4                                | 32.1  | 1079.6           | 2.7                                   | P - 132 2 32.13            | T 160MA2  | 30.0  |   |
| 92.0                                | 32.3  | 1085.4           | 1.3                                   | P - 112 2 32.3             | T 160MA2  | 16.5  |   |
| 91.5                                | 32.1  | 1090.7           | 2.6                                   | P - 132 2 32.13            | T 132M2   | 30.0  |   |
| 91.0                                | 32.3  | 1096.5           | 1.3                                   | P - 112 2 32.3             | T 132M2   | 16.5  |   |
| 90.3                                | 32.9  | 1082.2           | 1.7                                   | P L 95 3 32.9              | T 160MA2  | 16.0  |   |
| 90.2                                | 16.3  | 1106.7           | 1.5                                   | P - 112 2 16.3             | T 160M4   | 16.5  |   |
| 89.4                                | 32.9  | 1093.3           | 1.7                                   | P L 95 3 32.9              | T 132M2   | 16.0  |   |
| 88.5                                | 33.6  | 1127.4           | 2.2                                   | P - 132 2 33.55            | T 160MA2  | 30.0  |   |
| 87.6                                | 33.6  | 1138.9           | 2.2                                   | P - 132 2 33.55            | T 132M2   | 30.0  |   |
| 86.5                                | 11.1  | 1153.8           | 1.0                                   | P - 112 2 11.1             | T 160L6   | 16.5  |   |
| 85.2                                | 34.5  | 1146.4           | 0.9                                   | P L 85 3 34.5              | T 132M2   | 11.0  |   |
| 84.4                                | 35.2  | 1170.3           | 2.2                                   | P L 105 3 35.2             | T 160MA2  | 22.0  |   |
| 84.1                                | 17.5  | 1186.1           | 2.7                                   | P - 132 2 17.47            | T 160M4   | 30.0  |   |
| 83.9                                | 11.4  | 1189.2           | 2.7                                   | P - 132 2 11.44            | T 160L6   | 30.0  |   |
| 83.5                                | 35.2  | 1182.3           | 2.1                                   | P L 105 3 35.2             | T 132M2   | 22.0  |   |
| 83.1                                | 17.7  | 1201.6           | 1.4                                   | P - 112 2 17.7             | T 160M4   | 16.5  |   |
| 80.4                                | 36.9  | 1240.7           | 2.2                                   | P - 132 2 36.92            | T 160MA2  | 30.0  |   |
| 79.6                                | 36.9  | 1253.3           | 2.2                                   | P - 132 2 36.92            | T 132M2   | 30.0  |   |
| 77.8                                | 38.2  | 1283.5           | 1.6                                   | P - 125 2 38.2             | T 160MA2  | 21.0  |   |
| 77.7                                | 18.9  | 1284.4           | 2.3                                   | P - 132 2 18.92            | T 160M4   | 30.0  |   |
| 77.4                                | 12.4  | 1289.0           | 1.2                                   | P - 112 2 12.4             | T 160L6   | 16.5  |   |
| 77.1                                | 38.5  | 1280.1           | 2.0                                   | P L 105 3 38.5             | T 160MA2  | 22.0  |   |
| 77.0                                | 38.2  | 1296.8           | 1.6                                   | P - 125 2 38.2             | T 132M2   | 21.0  |   |
| 76.8                                | 12.5  | 1299.4           | 1.5                                   | P - 125 2 12.5             | T 160L6   | 21.0  |   |
| 76.7                                | 38.7  | 1300.4           | 3.0                                   | P - 150 2 38.7             | T 160MA2  | 38.0  |   |
| 76.4                                | 38.5  | 1293.2           | 1.9                                   | P L 105 3 38.5             | T 132M2   | 22.0  |   |
| 76.4                                | 38.9  | 1307.1           | 1.1                                   | P - 112 2 38.9             | T 160MA2  | 16.5  |   |
| 76.0                                | 38.7  | 1313.6           | 2.9                                   | P - 150 2 38.7             | T 132M2   | 38.0  |   |
| 76.0                                | 38.7  | 1286.0           | 0.8                                   | P L 85 3 38.7              | T 132M2   | 11.0  |   |
| 75.6                                | 38.9  | 1320.4           | 1.1                                   | P - 112 2 38.9             | T 132M2   | 16.5  |   |
| 73.9                                | 19.9  | 1351.0           | 1.5                                   | P - 125 2 19.9             | T 160M4   | 21.0  |   |
| 73.3                                | 13.1  | 1360.7           | 2.6                                   | P - 132 2 13.09            | T 160L6   | 30.0  |   |
| 73.3                                | 40.5  | 1332.3           | 1.4                                   | P L 95 3 40.5              | T 160MA2  | 16.0  |   |
| 73.0                                | 40.7  | 1367.6           | 1.1                                   | P - 112 2 40.7             | T 160MA2  | 16.5  |   |
| 72.8                                | 20.2  | 1371.4           | 1.3                                   | P - 112 2 20.2             | T 160M4   | 16.5  |   |
| 72.6                                | 40.9  | 1374.6           | 2.0                                   | P - 132 2 40.91            | T 160MA2  | 30.0  |   |
| 72.6                                | 40.5  | 1345.9           | 1.4                                   | P L 95 3 40.5              | T 132M2   | 16.0  |   |
| 72.2                                | 40.7  | 1381.5           | 1.1                                   | P - 112 2 40.7             | T 132M2   | 16.5  |   |
| 71.9                                | 40.9  | 1388.6           | 1.9                                   | P - 132 2 40.91            | T 132M2   | 30.0  |   |
| 71.4                                | 20.6  | 1383.8           | 1.8                                   | P L 105 3 20.6             | T 160M4   | 22.0  |   |
| 70.6                                | 20.8  | 1414.2           | 2.1                                   | P - 132 2 20.83            | T 160M4   | 30.0  |   |
| 69.4                                | 42.8  | 1438.2           | 2.7                                   | P - 150 2 42.8             | T 160MA2  | 38.0  |   |
| 68.7                                | 42.8  | 1452.9           | 2.7                                   | P - 150 2 42.8             | T 132M2   | 38.0  |   |
| 67.7                                | 21.7  | 1473.3           | 1.2                                   | P - 112 2 21.7             | T 160M4   | 16.5  |   |
| 67.0                                | 44.3  | 1488.6           | 1.3                                   | P - 125 2 44.3             | T 160MA2  | 21.0  |   |
| 67.0                                | 14.3  | 1489.7           | 2.6                                   | P - 132 2 14.33            | T 160L6   | 30.0  |   |
| 66.4                                | 44.7  | 1502.1           | 1.0                                   | P - 112 2 44.7             | T 160MA2  | 16.5  |   |
| 66.4                                | 44.3  | 1503.6           | 1.3                                   | P - 125 2 44.3             | T 132M2   | 21.0  |   |
| 66.2                                | 14.5  | 1507.3           | 1.1                                   | P - 112 2 14.5             | T 160L6   | 16.5  |   |
| 66.2                                | 44.9  | 1492.8           | 1.7                                   | P L 105 3 44.9             | T 160MA2  | 22.0  |   |
| 65.8                                | 44.7  | 1517.4           | 1.0                                   | P - 112 2 44.7             | T 132M2   | 16.5  |   |
| 65.5                                | 44.9  | 1508.1           | 1.7                                   | P L 105 3 44.9             | T 132M2   | 22.0  |   |
| 65.3                                | 22.5  | 1511.5           | 1.7                                   | P L 105 3 22.5             | T 160M4   | 22.0  |   |
| 65.3                                | 45.5  | 1512.9           | 3.0                                   | P L 115 3 45.5             | T 160MA2  | 26.0  |   |
| 64.6                                | 45.5  | 1528.1           | 2.9                                   | P L 115 3 45.5             | T 132M2   | 26.0  |   |
| 63.7                                | 23.1  | 1566.2           | 1.9                                   | P - 132 2 23.07            | T 160M4   | 30.0  |   |
| 63.6                                | 15.1  | 1569.6           | 1.3                                   | P - 125 2 15.1             | T 160L6   | 21.0  |   |
| 63.3                                | 46.9  | 1542.6           | 1.2                                   | P L 95 3 46.9              | T 160MA2  | 16.0  |   |
| 62.8                                | 47.3  | 1589.4           | 2.3                                   | P - 150 2 47.3             | T 160MA2  | 38.0  |   |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|--------|---|
| 62.7                                | 46.9  | 1558.4           | 1.2                                   | P L 95 3 46.9              | T 132M2  | 16.0   |   |
| 62.3                                | 23.6  | 1568.3           | 1.0                                   | P L 95 3 23.6              | T 160M4  | 16.0   |   |
| 62.2                                | 47.3  | 1605.5           | 2.3                                   | P - 150 2 47.3             | T 132M2  | 38.0   |   |
| 61.5                                | 23.9  | 1605.4           | 1.6                                   | P L 105 3 23.9             | T 160M4  | 22.0   |   |
| 60.9                                | 15.8  | 1639.3           | 2.3                                   | P - 132 2 15.77            | T 160L6  | 30.0   |   |
| 60.7                                | 48.9  | 1643.0           | 0.9                                   | P - 112 2 48.9             | T 160MA2 | 16.5   |   |
| 60.1                                | 48.9  | 1659.9           | 0.9                                   | P - 112 2 48.9             | T 132M2  | 16.5   |   |
| 59.8                                | 49.7  | 1652.4           | 2.6                                   | P L 115 3 49.7             | T 160MA2 | 26.0   |   |
| 59.2                                | 49.7  | 1669.4           | 2.6                                   | P L 115 3 49.7             | T 132M2  | 26.0   |   |
| 58.9                                | 16.3  | 1694.3           | 1.1                                   | P - 112 2 16.3             | T 160L6  | 16.5   |   |
| 58.6                                | 50.7  | 1685.7           | 1.5                                   | P L 105 3 50.7             | T 160MA2 | 22.0   |   |
| 58.6                                | 25.1  | 1703.9           | 1.2                                   | P - 125 2 25.1             | T 160M4  | 21.0   |   |
| 58.0                                | 50.7  | 1702.8           | 1.5                                   | P L 105 3 50.7             | T 132M2  | 22.0   |   |
| 57.9                                | 25.4  | 1724.6           | 0.9                                   | P - 112 2 25.4             | T 160M4  | 16.5   |   |
| 55.9                                | 53.1  | 1784.4           | 1.1                                   | P - 125 2 53.1             | T 160MA2 | 21.0   |   |
| 55.8                                | 26.4  | 1788.8           | 1.7                                   | P - 132 2 26.35            | T 160M4  | 30.0   |   |
| 55.4                                | 53.1  | 1802.4           | 1.1                                   | P - 125 2 53.1             | T 132M2  | 21.0   |   |
| 55.0                                | 17.5  | 1816.2           | 1.9                                   | P - 132 2 17.47            | T 160L6  | 30.0   |   |
| 54.7                                | 54.3  | 1805.3           | 2.5                                   | P L 115 3 54.3             | T 160MA2 | 26.0   |   |
| 54.7                                | 26.9  | 1806.9           | 2.3                                   | P L 115 3 26.9             | T 160M4  | 26.0   |   |
| 54.3                                | 54.7  | 1799.2           | 1.1                                   | P L 95 3 54.7              | T 160MA2 | 16.0   |   |
| 54.2                                | 17.7  | 1840.0           | 1.0                                   | P - 112 2 17.7             | T 160L6  | 16.5   |   |
| 54.1                                | 54.3  | 1823.9           | 2.5                                   | P L 115 3 54.3             | T 132M2  | 26.0   |   |
| 54.0                                | 55.0  | 1828.7           | 1.4                                   | P L 105 3 55               | T 160MA2 | 22.0   |   |
| 53.8                                | 54.7  | 1817.6           | 1.0                                   | P L 95 3 54.7              | T 132M2  | 16.0   |   |
| 53.7                                | 27.4  | 1821.0           | 1.0                                   | P L 95 3 27.4              | T 160M4  | 16.0   |   |
| 53.5                                | 27.5  | 1867.1           | 2.8                                   | P - 150 2 27.5             | T 160M4  | 38.0   |   |
| 53.5                                | 55.0  | 1847.5           | 1.4                                   | P L 105 3 55               | T 132M2  | 22.0   |   |
| 51.7                                | 57.5  | 1932.2           | 1.0                                   | P - 125 2 57.5             | T 160MA2 | 21.0   |   |
| 51.4                                | 28.6  | 1921.1           | 1.4                                   | P L 105 3 28.6             | T 160M4  | 22.0   |   |
| 51.1                                | 57.5  | 1951.8           | 1.0                                   | P - 125 2 57.5             | T 132M2  | 21.0   |   |
| 50.7                                | 18.9  | 1966.8           | 1.7                                   | P - 132 2 18.92            | T 160L6  | 30.0   |   |
| 50.7                                | 29.0  | 1968.8           | 1.6                                   | P - 132 2 29               | T 160M4  | 30.0   |   |
| 50.5                                | 29.1  | 1975.4           | 0.9                                   | P - 112 2 29.1             | T 160M4  | 16.5   |   |
| 50.2                                | 29.3  | 1989.2           | 2.4                                   | P - 150 2 29.3             | T 160M4  | 38.0   |   |
| 50.0                                | 19.2  | 1996.0           | 2.8                                   | P - 150 2 19.2             | T 160L6  | 38.0   |   |
| 49.8                                | 59.7  | 1984.8           | 2.3                                   | P L 115 3 59.7             | T 160MA2 | 26.0   |   |
| 49.3                                | 59.7  | 2005.0           | 2.2                                   | P L 115 3 59.7             | T 132M2  | 26.0   |   |
| 48.7                                | 30.2  | 2050.2           | 1.1                                   | P - 125 2 30.2             | T 160M4  | 21.0   |   |
| 48.2                                | 19.9  | 2068.7           | 1.1                                   | P - 125 2 19.9             | T 160L6  | 21.0   |   |
| 47.5                                | 20.2  | 2100.1           | 0.9                                   | P - 112 2 20.2             | T 160L6  | 16.5   |   |
| 47.4                                | 62.7  | 2084.7           | 1.3                                   | P L 105 3 62.7             | T 160MA2 | 22.0   |   |
| 47.0                                | 31.3  | 2102.8           | 1.3                                   | P L 105 3 31.3             | T 160M4  | 22.0   |   |
| 46.9                                | 62.7  | 2105.9           | 1.2                                   | P L 105 3 62.7             | T 132M2  | 22.0   |   |
| 46.6                                | 20.6  | 2119.0           | 1.3                                   | P L 105 3 20.6             | T 160L6  | 22.0   |   |
| 46.3                                | 64.1  | 2131.4           | 2.0                                   | P L 115 3 64.1             | T 160MA2 | 26.0   |   |
| 46.1                                | 20.8  | 2165.3           | 1.5                                   | P - 132 2 20.83            | T 160L6  | 30.0   |   |
| 45.9                                | 64.1  | 2152.8           | 2.0                                   | P L 115 3 64.1             | T 132M2  | 26.0   |   |
| 45.8                                | 32.1  | 2179.4           | 2.3                                   | P - 150 2 32.1             | T 160M4  | 38.0   |   |
| 45.8                                | 32.1  | 2156.5           | 2.0                                   | P L 115 3 32.1             | T 160M4  | 26.0   |   |
| 45.8                                | 32.1  | 2181.3           | 1.5                                   | P - 132 2 32.13            | T 160M4  | 30.0   |   |
| 45.7                                | 21.0  | 2183.3           | 2.6                                   | P - 150 2 21               | T 160L6  | 38.0   |   |
| 45.4                                | 65.4  | 2151.5           | 0.9                                   | P L 95 3 65.4              | T 160MA2 | 16.0   |   |
| 45.0                                | 65.4  | 2173.4           | 0.9                                   | P L 95 3 65.4              | T 132M2  | 16.0   |   |
| 44.7                                | 32.9  | 2186.7           | 1.0                                   | P L 95 3 32.9              | T 160M4  | 16.0   |   |
| 44.2                                | 21.7  | 2255.8           | 0.8                                   | P - 112 2 21.7             | T 160L6  | 16.5   |   |
| 43.8                                | 33.6  | 2277.4           | 1.2                                   | P - 132 2 33.55            | T 160M4  | 30.0   |   |
| 42.9                                | 69.2  | 2300.8           | 2.9                                   | P L 125 3 69.2             | T 160MA2 | 33.0   |   |
| 42.7                                | 22.5  | 2314.2           | 1.2                                   | P L 105 3 22.5             | T 160L6  | 22.0   |   |
| 42.5                                | 69.2  | 2324.0           | 2.9                                   | P L 125 3 69.2             | T 132M2  | 33.0   |   |
| 42.1                                | 22.8  | 2369.9           | 2.4                                   | P - 150 2 22.8             | T 160L6  | 38.0   |   |
| 42.1                                | 34.9  | 2370.5           | 3.0                                   | P - 170 2 34.92            | T 160M4  | 56.0   |   |
| 42.0                                | 70.7  | 2350.6           | 1.1                                   | P L 105 3 70.7             | T 160MA2 | 22.0   |   |
| 41.9                                | 35.1  | 2382.9           | 1.8                                   | P - 150 2 35.1             | T 160M4  | 38.0   |   |
| 41.8                                | 35.2  | 2364.7           | 1.2                                   | P L 105 3 35.2             | T 160M4  | 22.0   |   |
| 41.6                                | 23.1  | 2398.4           | 1.4                                   | P - 132 2 23.07            | T 160L6  | 30.0   |   |
| 41.6                                | 70.7  | 2374.9           | 1.1                                   | P L 105 3 70.7             | T 132M2  | 22.0   |   |
| 40.2                                | 73.8  | 2453.9           | 1.8                                   | P L 115 3 73.8             | T 160MA2 | 26.0   |   |
| 40.2                                | 23.9  | 2458.3           | 1.1                                   | P L 105 3 23.9             | T 160L6  | 22.0   |   |
| 40.0                                | 74.2  | 2440.6           | 0.9                                   | P L 95 3 74.2              | T 160MA2 | 16.0   |   |
| 39.8                                | 73.8  | 2478.6           | 1.8                                   | P L 115 3 73.8             | T 132M2  | 26.0   |   |
| 39.8                                | 36.9  | 2506.3           | 1.2                                   | P - 132 2 36.92            | T 160M4  | 30.0   |   |
| 39.6                                | 74.2  | 2465.8           | 0.9                                   | P L 95 3 74.2              | T 132M2  | 16.0   |   |
| 39.2                                | 75.7  | 2517.1           | 2.7                                   | P L 125 3 75.7             | T 160MA2 | 33.0   |   |
| 38.8                                | 75.7  | 2542.4           | 2.7                                   | P L 125 3 75.7             | T 132M2  | 33.0   |   |
| 38.8                                | 37.9  | 2545.6           | 1.7                                   | P L 115 3 37.9             | T 160M4  | 26.0   |   |
| 38.5                                | 38.2  | 2593.5           | 0.9                                   | P - 125 2 38.2             | T 160M4  | 21.0   |   |
| 38.4                                | 25.0  | 2598.9           | 2.2                                   | P - 150 2 25               | T 160L6  | 38.0   |   |
| 38.3                                | 25.1  | 2609.0           | 0.9                                   | P - 125 2 25.1             | T 160L6  | 21.0   |   |
| 38.2                                | 38.5  | 2586.3           | 1.1                                   | P L 105 3 38.5             | T 160M4  | 22.0   |   |
| 38.0                                | 38.7  | 2627.6           | 1.6                                   | P - 150 2 38.7             | T 160M4  | 38.0   |   |
| 37.2                                | 79.8  | 2653.0           | 1.0                                   | P L 105 3 79.8             | T 160MA2 | 22.0   |   |
| 36.8                                | 79.8  | 2680.5           | 1.0                                   | P L 105 3 79.8             | T 132M2  | 22.0   |   |
| 36.7                                | 81.0  | 2692.9           | 2.5                                   | P L 125 3 81               | T 160MA2 | 33.0   |   |
| 36.6                                | 40.2  | 2700.2           | 2.8                                   | P L 125 3 40.2             | T 160M4  | 33.0   |   |
| 36.5                                | 81.3  | 2703.1           | 1.7                                   | P L 115 3 81.3             | T 160MA2 | 26.0   |   |
| 36.4                                | 26.4  | 2739.4           | 1.2                                   | P - 132 2 26.35            | T 160L6  | 30.0   |   |
| 36.3                                | 81.0  | 2720.3           | 2.5                                   | P L 125 3 81               | T 132M2  | 33.0   |   |
| 36.2                                | 40.6  | 2727.1           | 1.8                                   | P L 115 3 40.6             | T 160M4  | 26.0   |   |
| 36.2                                | 81.3  | 2730.9           | 1.6                                   | P L 115 3 81.3             | T 132M2  | 26.0   |   |
| 35.9                                | 40.9  | 2777.5           | 1.1                                   | P - 132 2 40.91            | T 160M4  | 30.0   |   |
| 35.7                                | 26.9  | 2766.8           | 1.7                                   | P L 115 3 26.9             | T 160L6  | 26.0   |   |
| 34.9                                | 27.5  | 2858.7           | 2.0                                   | P - 150 2 27.5             | T 160L6  | 38.0   |   |
| 34.5                                | 27.8  | 2859.7           | 2.7                                   | P L 125 3 27.8             | T 160L6  | 33.0   |   |
| 34.4                                | 42.8  | 2905.2           | 1.5                                   | P - 150 2 42.8             | T 160M4  | 38.0   |   |

11



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 34.1  | 87.2             | 2899.2                                | 1.5                        | P L 115 3 87.2  | T 160MA2 | 26.0                                      |
|                                     | 34.0  | 87.4             | 2906.0                                | 1.0                        | P L 105 3 87.4  | T 160MA2 | 22.0                                      |
|                                     | 33.7  | 87.2             | 2928.5                                | 1.5                        | P L 115 3 87.2  | T 132M2  | 26.0                                      |
|                                     | 33.6  | 88.3             | 2935.4                                | 2.3                        | P L 125 3 88.3  | T 160MA2 | 33.0                                      |
|                                     | 33.6  | 87.4             | 2935.4                                | 1.0                        | P L 105 3 87.4  | T 132M2  | 22.0                                      |
|                                     | 33.6  | 28.6             | 2941.4                                | 1.0                        | P L 105 3 28.6  | T 160L6  | 22.0                                      |
|                                     | 33.6  | 43.8             | 2942.4                                | 2.5                        | P L 125 3 43.8  | T 160M4  | 33.0                                      |
|                                     | 33.5  | 28.6             | 2977.3                                | 2.7                        | P - 170 2 28.64 | T 160L6  | 56.0                                      |
|                                     | 33.3  | 88.3             | 2965.4                                | 2.3                        | P L 125 3 88.3  | T 132M2  | 33.0                                      |
|                                     | 33.1  | 29.0             | 3014.9                                | 1.2                        | P - 132 2 29    | T 160L6  | 30.0                                      |
|                                     | 32.8  | 90.6             | 3012.6                                | 1.0                        | P L 105 3 90.6  | T 160MA2 | 22.0                                      |
|                                     | 32.8  | 29.3             | 3046.3                                | 1.7                        | P - 150 2 29.3  | T 160L6  | 38.0                                      |
|                                     | 32.7  | 44.9             | 3016.1                                | 0.9                        | P L 105 3 44.9  | T 160M4  | 22.0                                      |
|                                     | 32.5  | 90.6             | 3042.9                                | 0.9                        | P L 105 3 90.6  | T 132M2  | 22.0                                      |
|                                     | 32.3  | 45.5             | 3056.2                                | 1.6                        | P L 115 3 45.5  | T 160M4  | 26.0                                      |
|                                     | 31.6  | 30.4             | 3126.8                                | 2.6                        | P L 125 3 30.4  | T 160L6  | 33.0                                      |
|                                     | 31.1  | 47.3             | 3210.9                                | 1.3                        | P - 150 2 47.3  | T 160M4  | 38.0                                      |
|                                     | 30.7  | 31.3             | 3219.6                                | 0.9                        | P L 105 3 31.3  | T 160L6  | 22.0                                      |
|                                     | 30.5  | 31.5             | 3276.3                                | 2.5                        | P - 170 2 31.52 | T 160L6  | 56.0                                      |
|                                     | 30.4  | 97.6             | 3245.1                                | 2.1                        | P L 125 3 97.6  | T 160MA2 | 33.0                                      |
|                                     | 30.1  | 97.6             | 3278.4                                | 2.1                        | P L 125 3 97.6  | T 132M2  | 33.0                                      |
|                                     | 29.9  | 32.1             | 3336.6                                | 1.6                        | P - 150 2 32.1  | T 160L6  | 38.0                                      |
|                                     | 29.9  | 32.1             | 3301.4                                | 1.5                        | P L 115 3 32.1  | T 160L6  | 26.0                                      |
|                                     | 29.9  | 32.1             | 3339.9                                | 1.0                        | P - 132 2 32.13 | T 160L6  | 30.0                                      |
|                                     | 29.7  | 100.1            | 3328.2                                | 2.8                        | P L 135 3 100.1 | T 160MA2 | 40.0                                      |
|                                     | 29.6  | 49.7             | 3338.4                                | 1.4                        | P L 115 3 49.7  | T 160M4  | 26.0                                      |
|                                     | 29.6  | 100.4            | 3338.4                                | 0.9                        | P L 105 3 100.4 | T 160MA2 | 22.0                                      |
|                                     | 29.4  | 100.1            | 3362.1                                | 2.8                        | P L 135 3 100.1 | T 132M2  | 40.0                                      |
|                                     | 29.3  | 100.4            | 3372.6                                | 0.9                        | P L 105 3 100.4 | T 132M2  | 22.0                                      |
|                                     | 29.0  | 50.7             | 3406.3                                | 0.8                        | P L 105 3 50.7  | T 160M4  | 22.0                                      |
|                                     | 28.7  | 51.3             | 3446.7                                | 2.2                        | P L 125 3 51.3  | T 160M4  | 33.0                                      |
|                                     | 28.6  | 33.6             | 3488.1                                | 0.9                        | P - 132 2 33.55 | T 160L6  | 30.0                                      |
|                                     | 28.6  | 103.9            | 3453.9                                | 1.3                        | P L 115 3 103.9 | T 160MA2 | 26.0                                      |
|                                     | 28.3  | 103.9            | 3489.2                                | 1.3                        | P L 115 3 103.9 | T 132M2  | 26.0                                      |
|                                     | 28.0  | 106.2            | 3530.5                                | 1.9                        | P L 125 3 106.2 | T 160MA2 | 33.0                                      |
|                                     | 27.7  | 106.2            | 3567.5                                | 1.9                        | P L 125 3 106.2 | T 132M2  | 33.0                                      |
|                                     | 27.5  | 34.9             | 3630.3                                | 2.1                        | P - 170 2 34.92 | T 160L6  | 56.0                                      |
|                                     | 27.4  | 35.1             | 3649.0                                | 1.3                        | P - 150 2 35.1  | T 160L6  | 38.0                                      |
|                                     | 27.3  | 35.2             | 3621.1                                | 0.8                        | P L 105 3 35.2  | T 160L6  | 22.0                                      |
|                                     | 27.2  | 35.3             | 3630.4                                | 2.3                        | P L 125 3 35.3  | T 160L6  | 33.0                                      |
|                                     | 27.1  | 54.3             | 3647.9                                | 1.4                        | P L 115 3 54.3  | T 160M4  | 26.0                                      |
|                                     | 27.0  | 110.1            | 3660.0                                | 2.6                        | P L 135 3 110.1 | T 160MA2 | 40.0                                      |
|                                     | 26.9  | 110.5            | 3673.7                                | 0.8                        | P L 105 3 110.5 | T 160MA2 | 22.0                                      |
|                                     | 26.7  | 110.1            | 3698.4                                | 2.6                        | P L 135 3 110.1 | T 132M2  | 40.0                                      |
|                                     | 26.6  | 110.5            | 3710.8                                | 0.8                        | P L 105 3 110.5 | T 132M2  | 22.0                                      |
|                                     | 26.0  | 36.9             | 3838.2                                | 0.9                        | P - 132 2 36.92 | T 160L6  | 30.0                                      |
|                                     | 26.0  | 114.3            | 3801.0                                | 1.2                        | P L 115 3 114.3 | T 160MA2 | 26.0                                      |
|                                     | 25.7  | 114.3            | 3839.3                                | 1.2                        | P L 115 3 114.3 | T 132M2  | 26.0                                      |
|                                     | 25.7  | 57.2             | 3842.2                                | 2.0                        | P L 125 3 57.2  | T 160M4  | 33.0                                      |
|                                     | 25.5  | 116.3            | 3866.4                                | 1.7                        | P L 125 3 116.3 | T 160MA2 | 33.0                                      |
|                                     | 25.4  | 57.8             | 3883.1                                | 2.7                        | P L 135 3 57.8  | T 160M4  | 40.0                                      |
|                                     | 25.3  | 37.9             | 3898.3                                | 1.2                        | P L 115 3 37.9  | T 160L6  | 26.0                                      |
|                                     | 25.3  | 116.3            | 3906.0                                | 1.7                        | P L 125 3 116.3 | T 132M2  | 33.0                                      |
|                                     | 24.8  | 38.7             | 3980.2                                | 2.7                        | P L 135 3 38.7  | T 160L6  | 40.0                                      |
|                                     | 24.8  | 38.7             | 4022.5                                | 1.2                        | P - 150 2 38.7  | T 160L6  | 38.0                                      |
|                                     | 24.6  | 59.7             | 4010.8                                | 1.2                        | P L 115 3 59.7  | T 160M4  | 26.0                                      |
|                                     | 24.5  | 121.2            | 4030.6                                | 1.1                        | P L 115 3 121.2 | T 160MA2 | 26.0                                      |
|                                     | 24.4  | 121.8            | 4050.3                                | 2.3                        | P L 135 3 121.8 | T 160MA2 | 40.0                                      |
|                                     | 24.3  | 121.2            | 4070.4                                | 1.1                        | P L 115 3 121.2 | T 132M2  | 26.0                                      |
|                                     | 24.1  | 121.8            | 4090.6                                | 2.3                        | P L 135 3 121.8 | T 132M2  | 40.0                                      |
|                                     | 23.9  | 40.2             | 4135.2                                | 2.0                        | P L 125 3 40.2  | T 160L6  | 33.0                                      |
|                                     | 23.7  | 40.6             | 4175.4                                | 1.3                        | P L 115 3 40.6  | T 160L6  | 26.0                                      |
|                                     | 23.2  | 127.9            | 4252.6                                | 1.6                        | P L 125 3 127.9 | T 160MA2 | 33.0                                      |
|                                     | 23.2  | 63.5             | 4265.5                                | 1.8                        | P L 125 3 63.5  | T 160M4  | 33.0                                      |
|                                     | 23.0  | 127.9            | 4295.1                                | 1.6                        | P L 125 3 127.9 | T 132M2  | 33.0                                      |
|                                     | 22.9  | 64.1             | 4306.3                                | 1.1                        | P L 115 3 64.1  | T 160M4  | 26.0                                      |
|                                     | 22.6  | 65.1             | 4373.2                                | 2.4                        | P L 135 3 65.1  | T 160M4  | 40.0                                      |
|                                     | 22.4  | 42.8             | 4402.4                                | 2.6                        | P L 135 3 42.8  | T 160L6  | 40.0                                      |
|                                     | 22.4  | 42.8             | 4449.2                                | 1.1                        | P - 150 2 42.8  | T 160L6  | 38.0                                      |
|                                     | 22.2  | 134.1            | 4458.1                                | 2.1                        | P L 135 3 134.1 | T 160MA2 | 40.0                                      |
|                                     | 21.9  | 134.1            | 4504.9                                | 2.1                        | P L 135 3 134.1 | T 132M2  | 40.0                                      |
|                                     | 21.9  | 43.8             | 4504.9                                | 1.8                        | P L 125 3 43.8  | T 160L6  | 33.0                                      |
|                                     | 21.9  | 135.8            | 4515.2                                | 1.0                        | P L 115 3 135.8 | T 160MA2 | 26.0                                      |
|                                     | 21.7  | 135.8            | 4561.0                                | 1.0                        | P L 115 3 135.8 | T 132M2  | 26.0                                      |
|                                     | 21.2  | 69.2             | 4649.2                                | 1.6                        | P L 125 3 69.2  | T 160M4  | 33.0                                      |
|                                     | 21.2  | 140.1            | 4657.9                                | 2.0                        | P L 135 3 140.1 | T 160MA2 | 40.0                                      |
|                                     | 21.1  | 45.5             | 4679.9                                | 1.2                        | P L 115 3 45.5  | T 160L6  | 26.0                                      |
|                                     | 21.0  | 140.1            | 4704.5                                | 2.0                        | P L 135 3 140.1 | T 132M2  | 40.0                                      |
|                                     | 21.0  | 141.7            | 4711.3                                | 1.4                        | P L 125 3 141.7 | T 160MA2 | 33.0                                      |
|                                     | 20.8  | 141.7            | 4759.0                                | 1.4                        | P L 125 3 141.7 | T 132M2  | 33.0                                      |
|                                     | 20.6  | 46.7             | 4802.9                                | 2.4                        | P L 135 3 46.7  | T 160L6  | 40.0                                      |
|                                     | 20.3  | 47.3             | 4916.3                                | 0.9                        | P - 150 2 47.3  | T 160L6  | 38.0                                      |
|                                     | 20.0  | 148.2            | 4927.3                                | 0.9                        | P L 115 3 148.2 | T 160MA2 | 26.0                                      |
|                                     | 19.9  | 73.8             | 4957.2                                | 1.0                        | P L 115 3 73.8  | T 160M4  | 26.0                                      |
|                                     | 19.8  | 148.2            | 4977.4                                | 0.9                        | P L 115 3 148.2 | T 132M2  | 26.0                                      |
|                                     | 19.4  | 75.7             | 5084.7                                | 1.5                        | P L 125 3 75.7  | T 160M4  | 33.0                                      |
|                                     | 19.4  | 153.3            | 5097.8                                | 1.9                        | P L 135 3 153.3 | T 160MA2 | 40.0                                      |
|                                     | 19.3  | 49.7             | 5111.3                                | 1.0                        | P L 115 3 49.7  | T 160L6  | 26.0                                      |
|                                     | 19.2  | 153.3            | 5148.3                                | 1.8                        | P L 135 3 153.3 | T 132M2  | 40.0                                      |
|                                     | 19.2  | 155.1            | 5156.6                                | 1.3                        | P L 125 3 155.1 | T 160MA2 | 33.0                                      |
|                                     | 19.0  | 155.1            | 5208.3                                | 1.3                        | P L 125 3 155.1 | T 132M2  | 33.0                                      |
|                                     | 18.9  | 77.6             | 5213.7                                | 2.0                        | P L 135 3 77.6  | T 160M4  | 40.0                                      |
|                                     | 18.9  | 50.7             | 5216.4                                | 2.2                        | P L 135 3 50.7  | T 160L6  | 40.0                                      |
|                                     | 18.7  | 51.3             | 5277.7                                | 1.5                        | P L 125 3 51.3  | T 160L6  | 33.0                                      |
|                                     | 18.2  | 163.1            | 5422.9                                | 0.8                        | P L 115 3 163.1 | T 160MA2 | 26.0                                      |

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HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 1088,9  | 2,7              | 125,0                                 | 2,2                        | P - 90 2 2.7    | T 132ML2 | 10,5                                      |
|                                     | 700,0   | 4,2              | 194,4                                 | 2,0                        | P - 90 2 4.2    | T 132ML2 | 10,5                                      |
|                                     | 646,2   | 4,6              | 210,6                                 | 2,6                        | P - 80 2 4.55   | T 132ML2 | 7,5                                       |
|                                     | 554,7   | 5,3              | 245,3                                 | 1,8                        | P - 90 2 5.3    | T 132ML2 | 10,5                                      |
|                                     | 515,8   | 5,7              | 263,8                                 | 2,3                        | P - 80 2 5.7    | T 132ML2 | 7,5                                       |
|                                     | 510,3   | 2,9              | 266,7                                 | 2,3                        | P - 112 2 2.9   | T 160L4  | 16,5                                      |
|                                     | 498,3   | 5,9              | 273,1                                 | 1,6                        | P - 90 2 5.9    | T 132ML2 | 10,5                                      |
|                                     | 485,3   | 6,1              | 280,4                                 | 2,7                        | P - 112 2 6.1   | T 160MB2 | 16,5                                      |
|                                     | 482,0   | 6,1              | 282,4                                 | 2,7                        | P - 112 2 6.1   | T 132ML2 | 16,5                                      |
|                                     | 440,1   | 6,7              | 309,2                                 | 2,0                        | P - 80 2 6.68   | T 132ML2 | 7,5                                       |
|                                     | 438,8   | 6,7              | 310,1                                 | 1,5                        | P - 90 2 6.7    | T 132ML2 | 10,5                                      |
|                                     | 435,3   | 6,8              | 312,6                                 | 2,6                        | P - 112 2 6.8   | T 160MB2 | 16,5                                      |
|                                     | 435,3   | 3,4              | 312,6                                 | 2,0                        | P - 112 2 3.4   | T 160L4  | 16,5                                      |
|                                     | 432,4   | 6,8              | 314,8                                 | 2,6                        | P - 112 2 6.8   | T 132ML2 | 16,5                                      |
|                                     | 407,2   | 7,2              | 334,2                                 | 1,8                        | P - 80 2 7.22   | T 132ML2 | 7,5                                       |
|                                     | 376,9   | 7,8              | 361,0                                 | 1,4                        | P - 90 2 7.8    | T 132ML2 | 10,5                                      |
|                                     | 374,7   | 7,9              | 363,2                                 | 2,3                        | P - 112 2 7.9   | T 160MB2 | 16,5                                      |
|                                     | 372,2   | 7,9              | 365,7                                 | 2,3                        | P - 112 2 7.9   | T 132ML2 | 16,5                                      |
|                                     | 370,0   | 4,0              | 367,8                                 | 2,0                        | P - 112 2 4     | T 160L4  | 16,5                                      |
|                                     | 351,7   | 8,4              | 387,0                                 | 1,6                        | P - 80 2 8.36   | T 132ML2 | 7,5                                       |
|                                     | 337,9   | 8,7              | 402,7                                 | 1,1                        | P - 90 2 8.7    | T 132ML2 | 10,5                                      |
|                                     | 334,5   | 2,9              | 406,9                                 | 1,6                        | P - 112 2 2.9   | T 180L6  | 16,5                                      |
|                                     | 332,6   | 8,9              | 409,2                                 | 2,2                        | P - 112 2 8.9   | T 160MB2 | 16,5                                      |
|                                     | 330,3   | 8,9              | 412,0                                 | 2,2                        | P - 112 2 8.9   | T 132ML2 | 16,5                                      |
|                                     | 321,7   | 4,6              | 423,0                                 | 1,9                        | P - 112 2 4.6   | T 160L4  | 16,5                                      |
|                                     | 316,1   | 9,3              | 430,5                                 | 1,1                        | P - 90 2 9.3    | T 132ML2 | 10,5                                      |
|                                     | 312,8   | 9,4              | 435,1                                 | 1,4                        | P - 80 2 9.4    | T 132ML2 | 7,5                                       |
|                                     | 305,2   | 9,7              | 446,0                                 | 2,0                        | P - 112 2 9.7   | T 160MB2 | 16,5                                      |
|                                     | 303,1   | 9,7              | 449,0                                 | 2,0                        | P - 112 2 9.7   | T 132ML2 | 16,5                                      |
|                                     | 303,1   | 9,7              | 449,0                                 | 1,5                        | P - 90 2 9.7    | T 132ML2 | 10,5                                      |
|                                     | 292,8   | 10,0             | 464,7                                 | 1,3                        | P - 80 2 10.04  | T 132ML2 | 7,5                                       |
|                                     | 285,3   | 3,4              | 477,0                                 | 1,4                        | P - 112 2 3.4   | T 180L6  | 16,5                                      |
|                                     | 274,1   | 5,4              | 496,5                                 | 2,0                        | P - 125 2 5.4   | T 160L4  | 21,0                                      |
|                                     | 269,7   | 10,9             | 504,5                                 | 1,4                        | P - 90 2 10.9   | T 132ML2 | 10,5                                      |
|                                     | 266,7   | 11,1             | 510,3                                 | 1,9                        | P - 112 2 11.1  | T 160MB2 | 16,5                                      |
|                                     | 264,9   | 11,1             | 513,8                                 | 1,8                        | P - 112 2 11.1  | T 132ML2 | 16,5                                      |
|                                     | 253,0   | 11,6             | 537,9                                 | 1,1                        | P - 80 2 11.62  | T 132ML2 | 7,5                                       |
|                                     | 242,6   | 6,1              | 560,9                                 | 1,7                        | P - 112 2 6.1   | T 160L4  | 16,5                                      |
|                                     | 242,5   | 4,0              | 561,2                                 | 1,5                        | P - 112 2 4     | T 180L6  | 16,5                                      |
|                                     | 239,0   | 12,3             | 569,3                                 | 1,3                        | P - 90 2 12.3   | T 132ML2 | 10,5                                      |
|                                     | 238,7   | 12,4             | 570,1                                 | 2,0                        | P - 112 2 12.4  | T 160MB2 | 16,5                                      |
|                                     | 237,1   | 12,4             | 574,0                                 | 2,0                        | P - 112 2 12.4  | T 132ML2 | 16,5                                      |
|                                     | 236,8   | 12,5             | 574,7                                 | 2,8                        | P - 125 2 12.5  | T 160MB2 | 21,0                                      |
|                                     | 235,2   | 12,5             | 578,6                                 | 2,8                        | P - 125 2 12.5  | T 132ML2 | 21,0                                      |
|                                     | 227,7   | 6,5              | 597,7                                 | 2,0                        | P - 125 2 6.5   | T 160L4  | 21,0                                      |
|                                     | 217,7   | 6,8              | 625,3                                 | 1,6                        | P - 112 2 6.8   | T 160L4  | 16,5                                      |
|                                     | 213,8   | 13,8             | 636,5                                 | 1,1                        | P - 80 2 13.75  | T 132ML2 | 7,5                                       |
|                                     | 210,9   | 4,6              | 645,4                                 | 1,4                        | P - 112 2 4.6   | T 180L6  | 16,5                                      |
|                                     | 210,0   | 14,0             | 648,0                                 | 1,1                        | P - 90 2 14     | T 132ML2 | 10,5                                      |
|                                     | 204,1   | 14,5             | 666,6                                 | 1,9                        | P - 112 2 14.5  | T 160MB2 | 16,5                                      |
|                                     | 202,8   | 14,5             | 671,2                                 | 1,9                        | P - 112 2 14.5  | T 132ML2 | 16,5                                      |
|                                     | 199,5   | 14,7             | 682,3                                 | 1,0                        | P - 80 2 14.74  | T 132ML2 | 7,5                                       |
|                                     | 196,0   | 15,1             | 694,2                                 | 2,5                        | P - 125 2 15.1  | T 160MB2 | 21,0                                      |
|                                     | 194,7   | 15,1             | 699,0                                 | 2,4                        | P - 125 2 15.1  | T 132ML2 | 21,0                                      |
|                                     | 187,3   | 7,9              | 726,4                                 | 1,4                        | P - 112 2 7.9   | T 160L4  | 16,5                                      |
|                                     | 183,8   | 16,0             | 740,6                                 | 1,0                        | P - 90 2 16     | T 132ML2 | 10,5                                      |
|                                     | 181,6   | 16,3             | 749,4                                 | 1,8                        | P - 112 2 16.3  | T 160MB2 | 16,5                                      |
|                                     | 180,5   | 8,2              | 754,0                                 | 2,0                        | P - 125 2 8.2   | T 160L4  | 21,0                                      |
|                                     | 180,4   | 16,3             | 754,5                                 | 1,8                        | P - 112 2 16.3  | T 132ML2 | 16,5                                      |
|                                     | 179,6   | 5,4              | 757,6                                 | 1,4                        | P - 125 2 5.4   | T 180L6  | 21,0                                      |
|                                     | 172,2   | 17,1             | 790,1                                 | 1,0                        | P - 80 2 17.07  | T 132ML2 | 7,5                                       |
|                                     | 171,9   | 17,1             | 791,6                                 | 0,9                        | P - 90 2 17.1   | T 132ML2 | 10,5                                      |
|                                     | 167,2   | 17,7             | 813,8                                 | 1,7                        | P - 112 2 17.7  | T 160MB2 | 16,5                                      |
|                                     | 166,3   | 8,9              | 818,4                                 | 1,3                        | P - 112 2 8.9   | T 160L4  | 16,5                                      |
|                                     | 166,1   | 17,7             | 819,3                                 | 1,7                        | P - 112 2 17.7  | T 132ML2 | 16,5                                      |
|                                     | 159,4   | 18,5             | 854,0                                 | 0,9                        | P - 80 2 18.45  | T 132ML2 | 7,5                                       |
|                                     | 159,0   | 6,1              | 855,8                                 | 1,1                        | P - 112 2 6.1   | T 180L6  | 16,5                                      |
|                                     | 152,6   | 9,7              | 891,9                                 | 1,2                        | P - 112 2 9.7   | T 160L4  | 16,5                                      |
|                                     | 149,5   | 9,9              | 910,3                                 | 1,8                        | P - 125 2 9.9   | T 160L4  | 21,0                                      |
|                                     | 149,2   | 6,5              | 911,9                                 | 1,4                        | P - 125 2 6.5   | T 180L6  | 21,0                                      |
|                                     | 148,7   | 19,9             | 914,9                                 | 2,0                        | P - 125 2 19.9  | T 160MB2 | 21,0                                      |
|                                     | 148,5   | 19,8             | 916,5                                 | 0,8                        | P - 90 2 19.8   | T 132ML2 | 10,5                                      |
|                                     | 147,7   | 19,9             | 921,1                                 | 2,0                        | P - 125 2 19.9  | T 132ML2 | 21,0                                      |
|                                     | 146,5   | 20,2             | 928,8                                 | 1,6                        | P - 112 2 20.2  | T 160MB2 | 16,5                                      |
|                                     | 145,5   | 20,2             | 935,1                                 | 1,5                        | P - 112 2 20.2  | T 132ML2 | 16,5                                      |
|                                     | 143,7   | 20,6             | 937,1                                 | 2,4                        | P L 105 3 20.6  | T 160MB2 | 22,0                                      |
|                                     | 142,7   | 20,6             | 943,5                                 | 2,4                        | P L 105 3 20.6  | T 132ML2 | 22,0                                      |
|                                     | 142,7   | 6,8              | 954,0                                 | 1,0                        | P - 112 2 6.8   | T 180L6  | 16,5                                      |
|                                     | 142,1   | 20,8             | 957,7                                 | 2,8                        | P - 132 2 20.83 | T 160MB2 | 30,0                                      |
|                                     | 141,1   | 20,8             | 964,2                                 | 2,8                        | P - 132 2 20.83 | T 132ML2 | 30,0                                      |
|                                     | 136,4   | 21,7             | 997,6                                 | 1,5                        | P - 112 2 21.7  | T 160MB2 | 16,5                                      |
|                                     | 135,5   | 21,7             | 1004,5                                | 1,5                        | P - 112 2 21.7  | T 132ML2 | 16,5                                      |
|                                     | 133,3   | 11,1             | 1020,7                                | 1,1                        | P - 112 2 11.1  | T 160L4  | 16,5                                      |
|                                     | 131,6   | 22,5             | 1023,5                                | 2,2                        | P L 105 3 22.5  | T 160MB2 | 22,0                                      |
|                                     | 130,7   | 22,5             | 1030,5                                | 2,2                        | P L 105 3 22.5  | T 132ML2 | 22,0                                      |
|                                     | 129,4   | 11,4             | 1051,9                                | 2,9                        | P - 132 2 11.44 | T 160L4  | 30,0                                      |
|                                     | 128,3   | 23,1             | 1060,6                                | 2,5                        | P - 132 2 23.07 | T 160MB2 | 30,0                                      |
|                                     | 127,4   | 23,1             | 1067,9                                | 2,5                        | P - 132 2 23.07 | T 132ML2 | 30,0                                      |
|                                     | 125,4   | 23,6             | 1062,2                                | 1,4                        | P L 95 3 23.6   | T 160MB2 | 16,0                                      |
|                                     | 124,6   | 23,6             | 1069,4                                | 1,3                        | P L 95 3 23.6   | T 132ML2 | 16,0                                      |
|                                     | 123,9   | 23,9             | 1087,2                                | 2,1                        | P L 105 3 23.9  | T 160MB2 | 22,0                                      |
|                                     | 123,0   | 23,9             | 1094,7                                | 2,1                        | P L 105 3 23.9  | T 132ML2 | 22,0                                      |
|                                     | 122,8   | 7,9              | 1108,3                                | 1,0                        | P - 112 2 7.9   | T 180L6  | 16,5                                      |
|                                     | 119,4   | 12,4             | 1140,3                                | 1,2                        | P - 112 2 12.4  | T 160L4  | 16,5                                      |
|                                     | 118,4   | 12,5             | 1149,4                                | 1,6                        | P - 125 2 12.5  | T 160L4  | 21,0                                      |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 118,3   | 8,2              | 1150,5                               | 1,4                        | P - 125 2 8.2   | T 180L6  | 21,0                                      |
|                                     | 117,9   | 25,1             | 1154,0                               | 1,6                        | P - 125 2 25.1  | T 160MB2 | 21,0                                      |
|                                     | 117,1   | 25,1             | 1161,8                               | 1,6                        | P - 125 2 25.1  | T 132ML2 | 21,0                                      |
|                                     | 116,5   | 25,4             | 1167,8                               | 1,3                        | P - 112 2 25.4  | T 160MB2 | 16,5                                      |
|                                     | 115,8   | 25,4             | 1175,7                               | 1,2                        | P - 112 2 25.4  | T 132ML2 | 16,5                                      |
|                                     | 113,2   | 8,6              | 1202,3                               | 2,7                        | P - 132 2 8.57  | T 180L6  | 30,0                                      |
|                                     | 113,1   | 13,1             | 1203,7                               | 2,7                        | P - 132 2 13.09 | T 160L4  | 30,0                                      |
|                                     | 112,3   | 26,4             | 1211,5                               | 2,2                        | P - 132 2 26.35 | T 160MB2 | 30,0                                      |
|                                     | 111,6   | 26,4             | 1219,7                               | 2,2                        | P - 132 2 26.35 | T 132ML2 | 30,0                                      |
|                                     | 109,0   | 8,9              | 1248,6                               | 0,9                        | P - 112 2 8.9   | T 180L6  | 16,5                                      |
|                                     | 108,0   | 27,4             | 1233,2                               | 1,3                        | P L 95 3 27.4   | T 160MB2 | 16,0                                      |
|                                     | 107,3   | 27,4             | 1241,6                               | 1,3                        | P L 95 3 27.4   | T 132ML2 | 16,0                                      |
|                                     | 103,5   | 28,6             | 1301,0                               | 1,8                        | P L 105 3 28.6  | T 160MB2 | 22,0                                      |
|                                     | 103,4   | 9,4              | 1316,0                               | 2,5                        | P - 132 2 9.38  | T 180L6  | 30,0                                      |
|                                     | 103,3   | 14,3             | 1317,7                               | 2,7                        | P - 132 2 14.33 | T 160L4  | 30,0                                      |
|                                     | 102,8   | 28,6             | 1309,9                               | 1,8                        | P L 105 3 28.6  | T 132ML2 | 22,0                                      |
|                                     | 102,1   | 29,0             | 1333,3                               | 2,2                        | P - 132 2 29    | T 160MB2 | 30,0                                      |
|                                     | 102,1   | 14,5             | 1333,3                               | 1,2                        | P - 112 2 14.5  | T 160L4  | 16,5                                      |
|                                     | 101,7   | 29,1             | 1337,9                               | 1,1                        | P - 112 2 29.1  | T 160MB2 | 16,5                                      |
|                                     | 101,4   | 29,0             | 1342,4                               | 2,1                        | P - 132 2 29    | T 132ML2 | 30,0                                      |
|                                     | 101,0   | 29,1             | 1347,0                               | 1,1                        | P - 112 2 29.1  | T 132ML2 | 16,5                                      |
|                                     | 100,0   | 9,7              | 1360,8                               | 0,8                        | P - 112 2 9.7   | T 180L6  | 16,5                                      |
|                                     | 98,0  | 30,2             | 1388,5                               | 1,4                        | P - 125 2 30.2  | T 160MB2 | 21,0                                      |
|                                     | 98,0  | 15,1             | 1388,5                               | 1,4                        | P - 125 2 15.1  | T 160L4  | 21,0                                      |
|                                     | 98,0  | 9,9              | 1388,9                               | 1,3                        | P - 125 2 9.9   | T 180L6  | 21,0                                      |
|                                     | 97,4  | 30,2             | 1397,9                               | 1,4                        | P - 125 2 30.2  | T 132ML2 | 21,0                                      |
|                                     | 94,6  | 31,3             | 1423,9                               | 1,8                        | P L 105 3 31.3  | T 160MB2 | 22,0                                      |
|                                     | 94,0  | 10,3             | 1447,9                               | 2,5                        | P - 132 2 10.32 | T 180L6  | 30,0                                      |
|                                     | 93,9  | 31,3             | 1433,6                               | 1,8                        | P L 105 3 31.3  | T 132ML2 | 22,0                                      |
|                                     | 93,9  | 15,8             | 1450,0                               | 2,4                        | P - 132 2 15.77 | T 160L4  | 30,0                                      |
|                                     | 92,2  | 32,1             | 1460,3                               | 2,7                        | P L 115 3 32.1  | T 160MB2 | 26,0                                      |
|                                     | 92,1  | 32,1             | 1477,1                               | 2,0                        | P - 132 2 32.13 | T 160MB2 | 30,0                                      |
|                                     | 91,6  | 32,3             | 1485,0                               | 1,0                        | P - 112 2 32.3  | T 160MB2 | 16,5                                      |
|                                     | 91,6  | 32,1             | 1470,2                               | 2,7                        | P L 115 3 32.1  | T 132ML2 | 26,0                                      |
|                                     | 91,5  | 32,1             | 1487,3                               | 1,9                        | P - 132 2 32.13 | T 132ML2 | 30,0                                      |
|                                     | 91,0  | 32,3             | 1495,2                               | 1,0                        | P - 112 2 32.3  | T 132ML2 | 16,5                                      |
|                                     | 90,8  | 16,3             | 1498,8                               | 1,1                        | P - 112 2 16.3  | T 160L4  | 16,5                                      |
|                                     | 90,0  | 32,9             | 1480,7                               | 1,3                        | P L 95 3 32.9   | T 160MB2 | 16,0                                      |
|                                     | 89,4  | 32,9             | 1490,8                               | 1,3                        | P L 95 3 32.9   | T 132ML2 | 16,0                                      |
|                                     | 88,2  | 33,6             | 1542,4                               | 1,6                        | P - 132 2 33.55 | T 160MB2 | 30,0                                      |
|                                     | 87,6  | 33,6             | 1553,0                               | 1,6                        | P - 132 2 33.55 | T 132ML2 | 30,0                                      |
|                                     | 84,8  | 11,4             | 1605,0                               | 2,0                        | P - 132 2 11.44 | T 180L6  | 30,0                                      |
|                                     | 84,7  | 17,5             | 1606,3                               | 2,0                        | P - 132 2 17.47 | T 160L4  | 30,0                                      |
|                                     | 84,3  | 35,1             | 1613,7                               | 2,5                        | P - 150 2 35.1  | T 160MB2 | 38,0                                      |
|                                     | 84,1  | 35,2             | 1601,3                               | 1,6                        | P L 105 3 35.2  | T 160MB2 | 22,0                                      |
|                                     | 83,8  | 35,1             | 1624,7                               | 2,4                        | P - 150 2 35.1  | T 132ML2 | 38,0                                      |
|                                     | 83,6  | 17,7             | 1627,4                               | 1,0                        | P - 112 2 17.7  | T 160L4  | 16,5                                      |
|                                     | 83,5  | 35,2             | 1612,2                               | 1,6                        | P L 105 3 35.2  | T 132ML2 | 22,0                                      |
|                                     | 80,2  | 36,9             | 1697,5                               | 1,6                        | P - 132 2 36.92 | T 160MB2 | 30,0                                      |
|                                     | 79,6  | 36,9             | 1709,0                               | 1,6                        | P - 132 2 36.92 | T 132ML2 | 30,0                                      |
|                                     | 78,2  | 12,4             | 1739,6                               | 0,9                        | P - 112 2 12.4  | T 180L6  | 16,5                                      |
|                                     | 78,2  | 18,9             | 1739,8                               | 1,7                        | P - 132 2 18.92 | T 160L4  | 30,0                                      |
|                                     | 78,1  | 37,9             | 1724,1                               | 2,3                        | P L 115 3 37.9  | T 160MB2 | 26,0                                      |
|                                     | 77,6  | 12,5             | 1753,7                               | 1,1                        | P - 125 2 12.5  | T 180L6  | 21,0                                      |
|                                     | 77,6  | 37,9             | 1735,9                               | 2,3                        | P L 115 3 37.9  | T 132ML2 | 26,0                                      |
|                                     | 77,5  | 38,2             | 1756,2                               | 1,2                        | P - 125 2 38.2  | T 160MB2 | 21,0                                      |
|                                     | 77,1  | 19,2             | 1765,5                               | 2,9                        | P - 150 2 19.2  | T 160L4  | 38,0                                      |
|                                     | 77,0  | 38,2             | 1768,3                               | 1,2                        | P - 125 2 38.2  | T 132ML2 | 21,0                                      |
|                                     | 76,9  | 38,5             | 1751,5                               | 1,4                        | P L 105 3 38.5  | T 160MB2 | 22,0                                      |
|                                     | 76,5  | 38,7             | 1779,1                               | 2,2                        | P - 150 2 38.7  | T 160MB2 | 38,0                                      |
|                                     | 76,4  | 38,5             | 1763,4                               | 1,4                        | P L 105 3 38.5  | T 132ML2 | 22,0                                      |
|                                     | 76,1  | 38,9             | 1788,5                               | 0,8                        | P - 112 2 38.9  | T 160MB2 | 16,5                                      |
|                                     | 76,0  | 38,7             | 1791,3                               | 2,2                        | P - 150 2 38.7  | T 132ML2 | 38,0                                      |
|                                     | 75,6  | 38,9             | 1800,5                               | 0,8                        | P - 112 2 38.9  | T 132ML2 | 16,5                                      |
|                                     | 74,4  | 19,9             | 1829,8                               | 1,1                        | P - 125 2 19.9  | T 160L4  | 21,0                                      |
|                                     | 74,1  | 13,1             | 1836,5                               | 2,0                        | P - 132 2 13.09 | T 180L6  | 30,0                                      |
|                                     | 73,3  | 20,2             | 1857,4                               | 0,9                        | P - 112 2 20.2  | T 160L4  | 16,5                                      |
|                                     | 73,1  | 40,5             | 1822,7                               | 1,0                        | P L 95 3 40.5   | T 160MB2 | 16,0                                      |
|                                     | 72,9  | 40,6             | 1846,9                               | 2,4                        | P L 115 3 40.6  | T 160MB2 | 26,0                                      |
|                                     | 72,6  | 40,5             | 1835,3                               | 1,0                        | P L 95 3 40.5   | T 132ML2 | 16,0                                      |
|                                     | 72,4  | 40,6             | 1859,6                               | 2,4                        | P L 115 3 40.6  | T 132ML2 | 26,0                                      |
|                                     | 72,4  | 40,9             | 1880,9                               | 1,4                        | P - 132 2 40.91 | T 160MB2 | 30,0                                      |
|                                     | 71,9  | 40,9             | 1893,5                               | 1,4                        | P - 132 2 40.91 | T 132ML2 | 30,0                                      |
|                                     | 71,8  | 20,6             | 1874,3                               | 1,3                        | P L 105 3 20.6  | T 160L4  | 22,0                                      |
|                                     | 71,3  | 13,6             | 1908,1                               | 3,0                        | P - 150 2 13.6  | T 180L6  | 38,0                                      |
|                                     | 71,1  | 20,8             | 1915,4                               | 1,6                        | P - 132 2 20.83 | T 160L4  | 30,0                                      |
|                                     | 70,5  | 21,0             | 1930,9                               | 2,7                        | P - 150 2 21    | T 160L4  | 38,0                                      |
|                                     | 69,2  | 42,8             | 1967,7                               | 2,0                        | P - 150 2 42.8  | T 160MB2 | 38,0                                      |
|                                     | 68,7  | 42,8             | 1981,2                               | 2,0                        | P - 150 2 42.8  | T 132ML2 | 38,0                                      |
|                                     | 68,2  | 21,7             | 1995,4                               | 0,9                        | P - 112 2 21.7  | T 160L4  | 16,5                                      |
|                                     | 67,7  | 14,3             | 2010,4                               | 1,9                        | P - 132 2 14.33 | T 180L6  | 30,0                                      |
|                                     | 66,9  | 14,5             | 2034,1                               | 0,8                        | P - 112 2 14.5  | T 180L6  | 16,5                                      |
|                                     | 66,8  | 44,3             | 2036,6                               | 1,0                        | P - 125 2 44.3  | T 160MB2 | 21,0                                      |
|                                     | 66,4  | 44,3             | 2050,4                               | 1,0                        | P - 125 2 44.3  | T 132ML2 | 21,0                                      |
|                                     | 65,9  | 44,9             | 2042,7                               | 1,2                        | P L 105 3 44.9  | T 160MB2 | 22,0                                      |
|                                     | 65,8  | 22,5             | 2047,1                               | 1,2                        | P L 105 3 22.5  | T 160L4  | 22,0                                      |
|                                     | 65,5  | 44,9             | 2056,5                               | 1,2                        | P L 105 3 44.9  | T 132ML2 | 22,0                                      |
|                                     | 65,1  | 45,5             | 2070,0                               | 2,2                        | P L 115 3 45.5  | T 160MB2 | 26,0                                      |
|                                     | 64,9  | 22,8             | 2096,5                               | 2,5                        | P - 150 2 22.8  | T 160L4  | 38,0                                      |
|                                     | 64,6  | 45,5             | 2083,8                               | 2,2                        | P L 115 3 45.5  | T 132ML2 | 26,0                                      |
|                                     | 64,2  | 15,1             | 2118,5                               | 1,0                        | P - 125 2 15.1  | T 180L6  | 21,0                                      |
|                                     | 64,2  | 23,1             | 2121,4                               | 1,4                        | P - 132 2 23.07 | T 160L4  | 30,0                                      |
|                                     | 63,4  | 15,3             | 2146,5                               | 2,6                        | P - 150 2 15.3  | T 180L6  | 38,0                                      |
|                                     | 63,1  | 46,9             | 2110,9                               | 0,9                        | P L 95 3 46.9   | T 160MB2 | 16,0                                      |
|                                     | 62,7  | 46,9             | 2125,0                               | 0,9                        | P L 95 3 46.9   | T 132ML2 | 16,0                                      |

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HIGH TECH *line* Motion



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |                 |          | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
|                                     | 62.6  | 47.3             | 2174.6                                | 1.7                        | P - 150 2 47.3  | T 160MB2 | 38.0                                      |
|                                     | 62.2  | 47.3             | 2189.3                                | 1.7                        | P - 150 2 47.3  | T 132ML2 | 38.0                                      |
|                                     | 61.9  | 23.9             | 2174.7                                | 1.2                        | P L 105 3 23.9  | T 160L4  | 22.0                                      |
|                                     | 61.5  | 15.8             | 2212.4                                | 1.7                        | P - 132 2 15.77 | T 180L6  | 30.0                                      |
|                                     | 59.6  | 49.7             | 2260.8                                | 1.9                        | P L 115 3 49.7  | T 160MB2 | 26.0                                      |
|                                     | 59.2  | 25.0             | 2298.8                                | 2.3                        | P - 150 2 25    | T 160L4  | 38.0                                      |
|                                     | 59.2  | 49.7             | 2276.5                                | 1.9                        | P L 115 3 49.7  | T 132ML2 | 26.0                                      |
|                                     | 59.0  | 25.1             | 2308.2                                | 0.9                        | P - 125 2 25.1  | T 160L4  | 21.0                                      |
|                                     | 58.4  | 50.7             | 2306.6                                | 1.1                        | P L 105 3 50.7  | T 160MB2 | 22.0                                      |
|                                     | 58.1  | 16.7             | 2343.1                                | 2.5                        | P - 150 2 16.7  | T 180L6  | 38.0                                      |
|                                     | 58.0  | 50.7             | 2322.0                                | 1.1                        | P L 105 3 50.7  | T 132ML2 | 22.0                                      |
|                                     | 57.7  | 51.3             | 2333.7                                | 2.9                        | P L 125 3 51.3  | T 160MB2 | 33.0                                      |
|                                     | 56.2  | 26.4             | 2422.7                                | 1.2                        | P - 132 2 26.35 | T 160L4  | 30.0                                      |
|                                     | 55.7  | 53.1             | 2441.4                                | 0.8                        | P - 125 2 53.1  | T 160MB2 | 21.0                                      |
|                                     | 55.5  | 17.5             | 2451.2                                | 1.4                        | P - 132 2 17.47 | T 180L6  | 30.0                                      |
|                                     | 55.4  | 53.1             | 2457.8                                | 0.8                        | P - 125 2 53.1  | T 132ML2 | 21.0                                      |
|                                     | 55.0  | 26.9             | 2447.4                                | 1.7                        | P L 115 3 26.9  | T 160L4  | 26.0                                      |
|                                     | 54.5  | 54.3             | 2470.3                                | 1.8                        | P L 115 3 54.3  | T 160MB2 | 26.0                                      |
|                                     | 54.1  | 54.3             | 2487.2                                | 1.8                        | P L 115 3 54.3  | T 132ML2 | 26.0                                      |
|                                     | 53.8  | 27.5             | 2528.5                                | 2.1                        | P - 150 2 27.5  | T 160L4  | 38.0                                      |
|                                     | 53.8  | 55.0             | 2501.9                                | 1.0                        | P L 105 3 55    | T 160MB2 | 22.0                                      |
|                                     | 53.5  | 55.0             | 2519.3                                | 1.0                        | P L 105 3 55    | T 132ML2 | 22.0                                      |
|                                     | 53.2  | 27.8             | 2529.2                                | 2.8                        | P L 125 3 27.8  | T 160L4  | 33.0                                      |
|                                     | 51.8  | 57.2             | 2602.0                                | 2.6                        | P L 125 3 57.2  | T 160MB2 | 33.0                                      |
|                                     | 51.8  | 28.6             | 2602.1                                | 1.0                        | P L 105 3 28.6  | T 160L4  | 22.0                                      |
|                                     | 51.7  | 28.6             | 2633.2                                | 2.8                        | P - 170 2 28.64 | T 160L4  | 56.0                                      |
|                                     | 51.3  | 18.9             | 2654.4                                | 1.2                        | P - 132 2 18.92 | T 180L6  | 30.0                                      |
|                                     | 51.0  | 29.0             | 2666.8                                | 1.2                        | P - 132 2 29    | T 160L4  | 30.0                                      |
|                                     | 50.5  | 19.2             | 2693.7                                | 2.1                        | P - 150 2 19.2  | T 180L6  | 38.0                                      |
|                                     | 50.5  | 29.3             | 2694.2                                | 1.7                        | P - 150 2 29.3  | T 160L4  | 38.0                                      |
|                                     | 49.6  | 59.7             | 2715.9                                | 1.7                        | P L 115 3 59.7  | T 160MB2 | 26.0                                      |
|                                     | 49.3  | 59.7             | 2734.1                                | 1.6                        | P L 115 3 59.7  | T 132ML2 | 26.0                                      |
|                                     | 49.2  | 19.7             | 2765.4                                | 3.0                        | P - 170 2 19.71 | T 180L6  | 56.0                                      |
|                                     | 48.7  | 30.4             | 2766.1                                | 2.7                        | P L 125 3 30.4  | T 160L4  | 33.0                                      |
|                                     | 47.3  | 31.3             | 2848.0                                | 1.0                        | P L 105 3 31.3  | T 160L4  | 22.0                                      |
|                                     | 47.2  | 62.7             | 2852.3                                | 0.9                        | P L 105 3 62.7  | T 160MB2 | 22.0                                      |
|                                     | 47.0  | 31.5             | 2898.6                                | 2.6                        | P - 170 2 31.52 | T 160L4  | 56.0                                      |
|                                     | 46.9  | 62.7             | 2871.7                                | 0.9                        | P L 105 3 62.7  | T 132ML2 | 22.0                                      |
|                                     | 46.6  | 63.5             | 2889.0                                | 2.3                        | P L 125 3 63.5  | T 160MB2 | 33.0                                      |
|                                     | 46.6  | 20.8             | 2922.2                                | 1.1                        | P - 132 2 20.83 | T 180L6  | 30.0                                      |
|                                     | 46.3  | 63.5             | 2908.3                                | 2.3                        | P L 125 3 63.5  | T 132ML2 | 33.0                                      |
|                                     | 46.2  | 21.0             | 2946.2                                | 1.9                        | P - 150 2 21    | T 180L6  | 38.0                                      |
|                                     | 46.2  | 64.1             | 2915.9                                | 1.5                        | P L 115 3 64.1  | T 160MB2 | 26.0                                      |
|                                     | 46.1  | 32.1             | 2951.4                                | 1.7                        | P - 150 2 32.1  | T 160L4  | 38.0                                      |
|                                     | 46.1  | 32.1             | 2920.4                                | 1.5                        | P L 115 3 32.1  | T 160L4  | 26.0                                      |
|                                     | 46.1  | 32.1             | 2954.6                                | 1.1                        | P - 132 2 32.13 | T 160L4  | 30.0                                      |
|                                     | 45.9  | 64.1             | 2935.6                                | 1.5                        | P L 115 3 64.1  | T 132ML2 | 26.0                                      |
|                                     | 45.2  | 21.5             | 3010.8                                | 2.7                        | P - 170 2 21.46 | T 180L6  | 56.0                                      |
|                                     | 44.1  | 33.6             | 3085.3                                | 0.9                        | P - 132 2 33.55 | T 160L4  | 30.0                                      |
|                                     | 43.3  | 22.4             | 3109.9                                | 2.4                        | P L 125 3 22.4  | T 180L6  | 33.0                                      |
|                                     | 42.8  | 69.2             | 3148.3                                | 2.1                        | P L 125 3 69.2  | T 160MB2 | 33.0                                      |
|                                     | 42.5  | 22.8             | 3199.0                                | 1.8                        | P - 150 2 22.8  | T 180L6  | 38.0                                      |
|                                     | 42.5  | 69.2             | 3169.1                                | 2.1                        | P L 125 3 69.2  | T 132ML2 | 33.0                                      |
|                                     | 42.4  | 34.9             | 3211.1                                | 2.2                        | P - 170 2 34.92 | T 160L4  | 56.0                                      |
|                                     | 42.2  | 35.1             | 3227.1                                | 1.4                        | P - 150 2 35.1  | T 160L4  | 38.0                                      |
|                                     | 42.1  | 23.1             | 3236.2                                | 1.0                        | P - 132 2 23.07 | T 180L6  | 30.0                                      |
|                                     | 42.1  | 35.2             | 3202.2                                | 0.9                        | P L 105 3 35.2  | T 160L4  | 22.0                                      |
|                                     | 41.9  | 35.3             | 3211.4                                | 2.3                        | P L 125 3 35.3  | T 160L4  | 33.0                                      |
|                                     | 41.9  | 70.7             | 3216.1                                | 0.8                        | P L 105 3 70.7  | T 160MB2 | 22.0                                      |
|                                     | 41.6  | 70.7             | 3238.5                                | 0.8                        | P L 105 3 70.7  | T 132ML2 | 22.0                                      |
|                                     | 41.3  | 23.5             | 3295.9                                | 2.5                        | P - 170 2 23.49 | T 180L6  | 56.0                                      |
|                                     | 40.6  | 23.9             | 3317.5                                | 2.3                        | P L 125 3 23.9  | T 180L6  | 33.0                                      |
|                                     | 40.1  | 73.8             | 3357.2                                | 1.3                        | P L 115 3 73.8  | T 160MB2 | 26.0                                      |
|                                     | 40.1  | 36.9             | 3394.4                                | 0.9                        | P - 132 2 36.92 | T 160L4  | 30.0                                      |
|                                     | 39.8  | 73.8             | 3379.9                                | 1.3                        | P L 115 3 73.8  | T 132ML2 | 26.0                                      |
|                                     | 39.1  | 75.7             | 3443.9                                | 2.0                        | P L 125 3 75.7  | T 160MB2 | 33.0                                      |
|                                     | 39.1  | 37.9             | 3448.3                                | 1.3                        | P L 115 3 37.9  | T 160L4  | 26.0                                      |
|                                     | 38.8  | 75.7             | 3466.9                                | 1.9                        | P L 125 3 75.7  | T 132ML2 | 33.0                                      |
|                                     | 38.8  | 25.0             | 3507.5                                | 1.6                        | P - 150 2 25    | T 180L6  | 38.0                                      |
|                                     | 38.2  | 38.7             | 3521.3                                | 2.8                        | P L 135 3 38.7  | T 160L4  | 40.0                                      |
|                                     | 38.2  | 38.7             | 3558.8                                | 1.2                        | P - 150 2 38.7  | T 160L4  | 38.0                                      |
|                                     | 38.1  | 77.6             | 3530.5                                | 2.7                        | P L 135 3 77.6  | T 160MB2 | 40.0                                      |
|                                     | 37.9  | 77.6             | 3553.9                                | 2.7                        | P L 135 3 77.6  | T 132ML2 | 40.0                                      |
|                                     | 37.5  | 25.9             | 3627.1                                | 2.3                        | P - 170 2 25.85 | T 180L6  | 56.0                                      |
|                                     | 37.5  | 25.9             | 3595.6                                | 3.0                        | P L 135 3 25.9  | T 180L6  | 40.0                                      |
|                                     | 36.8  | 40.2             | 3657.1                                | 2.1                        | P L 125 3 40.2  | T 160L4  | 33.0                                      |
|                                     | 36.8  | 26.4             | 3697.0                                | 0.9                        | P - 132 2 26.35 | T 180L6  | 30.0                                      |
|                                     | 36.5  | 81.0             | 3685.2                                | 1.8                        | P L 125 3 81    | T 160MB2 | 33.0                                      |
|                                     | 36.5  | 40.6             | 3694.2                                | 1.4                        | P L 115 3 40.6  | T 160L4  | 26.0                                      |
|                                     | 36.4  | 81.3             | 3698.2                                | 1.2                        | P L 115 3 81.3  | T 160MB2 | 26.0                                      |
|                                     | 36.3  | 81.0             | 3709.5                                | 1.8                        | P L 125 3 81    | T 132ML2 | 33.0                                      |
|                                     | 36.2  | 81.3             | 3723.9                                | 1.2                        | P L 115 3 81.3  | T 132ML2 | 26.0                                      |
|                                     | 36.1  | 26.9             | 3734.3                                | 1.2                        | P L 115 3 26.9  | T 180L6  | 26.0                                      |
|                                     | 35.3  | 27.5             | 3858.5                                | 1.5                        | P - 150 2 27.5  | T 180L6  | 38.0                                      |
|                                     | 35.2  | 84.0             | 3821.1                                | 2.5                        | P L 135 3 84    | T 160MB2 | 40.0                                      |
|                                     | 35.0  | 84.0             | 3847.3                                | 2.5                        | P L 135 3 84    | T 132ML2 | 40.0                                      |
|                                     | 34.9  | 27.8             | 3859.4                                | 2.0                        | P L 125 3 27.8  | T 180L6  | 33.0                                      |
|                                     | 34.6  | 42.8             | 3894.0                                | 2.7                        | P L 135 3 42.8  | T 160L4  | 40.0                                      |
|                                     | 34.6  | 42.8             | 3935.3                                | 1.1                        | P - 150 2 42.8  | T 160L4  | 38.0                                      |
|                                     | 33.9  | 87.2             | 3967.5                                | 1.1                        | P L 115 3 87.2  | T 160MB2 | 26.0                                      |
|                                     | 33.9  | 28.6             | 4017.9                                | 2.8                        | P - 190 2 28.64 | T 180L6  | 72.0                                      |
|                                     | 33.9  | 28.6             | 4018.0                                | 2.0                        | P - 170 2 28.64 | T 180L6  | 56.0                                      |
|                                     | 33.8  | 43.8             | 3985.1                                | 1.9                        | P L 125 3 43.8  | T 160L4  | 33.0                                      |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T2<br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------|----------------------------|----------|--------|---|
|-------------------------------------|---|------------------|--------------------------|----------------------------|----------|--------|---|

|      |       |        |     |                 |          |      |
|------|-------|--------|-----|-----------------|----------|------|
| 33.7 | 87.2  | 3993.4 | 1.1 | P L 115 3 87.2  | T 132ML2 | 26.0 |
| 33.5 | 88.3  | 4017.2 | 1.7 | P L 125 3 88.3  | T 160MB2 | 33.0 |
| 33.5 | 29.0  | 4068.4 | 0.9 | P - 132 2 29    | T 180L6  | 30.0 |
| 33.3 | 88.3  | 4043.7 | 1.7 | P L 125 3 88.3  | T 132ML2 | 33.0 |
| 33.1 | 29.3  | 4110.2 | 1.2 | P - 150 2 29.3  | T 180L6  | 38.0 |
| 32.9 | 29.5  | 4095.4 | 2.7 | P L 135 3 29.5  | T 180L6  | 40.0 |
| 32.5 | 45.5  | 4139.3 | 1.2 | P L 115 3 45.5  | T 160L4  | 26.0 |
| 32.4 | 91.4  | 4157.3 | 2.3 | P L 135 3 91.4  | T 160MB2 | 40.0 |
| 32.2 | 91.4  | 4185.7 | 2.3 | P L 135 3 91.4  | T 132ML2 | 40.0 |
| 31.9 | 30.4  | 4219.8 | 1.9 | P L 125 3 30.4  | T 180L6  | 33.0 |
| 31.7 | 46.7  | 4249.2 | 2.5 | P L 135 3 46.7  | T 160L4  | 40.0 |
| 31.3 | 47.3  | 4349.4 | 0.9 | P - 150 2 47.3  | T 160L4  | 38.0 |
| 30.8 | 31.5  | 4422.7 | 2.6 | P - 190 2 31.52 | T 180L6  | 72.0 |
| 30.8 | 31.5  | 4422.7 | 1.8 | P - 170 2 31.52 | T 180L6  | 56.0 |
| 30.3 | 97.6  | 4439.6 | 1.5 | P L 125 3 97.6  | T 160MB2 | 33.0 |
| 30.2 | 32.1  | 4455.8 | 2.6 | P L 135 3 32.1  | T 180L6  | 40.0 |
| 30.2 | 32.1  | 4503.3 | 1.2 | P - 150 2 32.1  | T 180L6  | 38.0 |
| 30.2 | 32.1  | 4455.9 | 1.1 | P L 115 3 32.1  | T 180L6  | 26.0 |
| 30.1 | 97.6  | 4470.6 | 1.5 | P L 125 3 97.6  | T 132ML2 | 33.0 |
| 29.8 | 49.7  | 4521.8 | 1.1 | P L 115 3 49.7  | T 160L4  | 26.0 |
| 29.6 | 100.1 | 4553.8 | 2.1 | P L 135 3 100.1 | T 160MB2 | 40.0 |
| 29.4 | 100.1 | 4584.7 | 2.1 | P L 135 3 100.1 | T 132ML2 | 40.0 |
| 29.2 | 50.7  | 4613.1 | 2.3 | P L 135 3 50.7  | T 160L4  | 40.0 |
| 28.9 | 51.3  | 4667.5 | 1.6 | P L 125 3 51.3  | T 160L4  | 33.0 |
| 28.5 | 103.9 | 4726.4 | 0.9 | P L 115 3 103.9 | T 160MB2 | 26.0 |
| 28.3 | 103.9 | 4758.0 | 0.9 | P L 115 3 103.9 | T 132ML2 | 26.0 |
| 27.9 | 106.2 | 4831.6 | 1.4 | P L 125 3 106.2 | T 160MB2 | 33.0 |
| 27.8 | 34.9  | 4898.7 | 2.3 | P - 190 2 34.92 | T 180L6  | 72.0 |
| 27.8 | 34.9  | 4898.8 | 1.6 | P - 170 2 34.92 | T 180L6  | 56.0 |
| 27.7 | 106.2 | 4864.7 | 1.4 | P L 125 3 106.2 | T 132ML2 | 33.0 |
| 27.6 | 35.1  | 4923.7 | 1.0 | P - 150 2 35.1  | T 180L6  | 38.0 |
| 27.5 | 35.3  | 4900.2 | 1.7 | P L 125 3 35.3  | T 180L6  | 33.0 |
| 27.3 | 54.3  | 4939.7 | 1.0 | P L 115 3 54.3  | T 160L4  | 26.0 |
| 26.9 | 110.1 | 5009.5 | 1.9 | P L 135 3 110.1 | T 160MB2 | 40.0 |
| 26.7 | 110.1 | 5043.2 | 1.9 | P L 135 3 110.1 | T 132ML2 | 40.0 |
| 25.9 | 114.3 | 5199.1 | 0.9 | P L 115 3 114.3 | T 160MB2 | 26.0 |
| 25.9 | 57.2  | 5205.0 | 1.4 | P L 125 3 57.2  | T 160L4  | 33.0 |
| 25.7 | 114.3 | 5235.4 | 0.9 | P L 115 3 114.3 | T 132ML2 | 26.0 |
| 25.6 | 57.8  | 5257.9 | 2.0 | P L 135 3 57.8  | T 160L4  | 40.0 |
| 25.6 | 37.9  | 5262.1 | 0.9 | P L 115 3 37.9  | T 180L6  | 26.0 |
| 25.5 | 116.3 | 5291.1 | 1.3 | P L 125 3 116.3 | T 160MB2 | 33.0 |
| 25.3 | 116.3 | 5326.4 | 1.3 | P L 125 3 116.3 | T 132ML2 | 33.0 |
| 25.1 | 38.7  | 5373.4 | 2.0 | P L 135 3 38.7  | T 180L6  | 40.0 |
| 25.1 | 38.7  | 5430.6 | 0.9 | P - 150 2 38.7  | T 180L6  | 38.0 |
| 24.8 | 59.7  | 5431.6 | 0.9 | P L 115 3 59.7  | T 160L4  | 26.0 |
| 24.4 | 121.2 | 5514.3 | 0.8 | P L 115 3 121.2 | T 160MB2 | 26.0 |
| 24.3 | 121.8 | 5541.4 | 1.7 | P L 135 3 121.8 | T 160MB2 | 40.0 |
| 24.3 | 121.2 | 5550.5 | 0.8 | P L 115 3 121.2 | T 132ML2 | 26.0 |
| 24.1 | 121.8 | 5578.1 | 1.7 | P L 135 3 121.8 | T 132ML2 | 40.0 |
| 24.1 | 40.2  | 5580.3 | 1.5 | P L 125 3 40.2  | T 180L6  | 33.0 |
| 23.9 | 40.6  | 5636.4 | 1.0 | P L 115 3 40.6  | T 180L6  | 26.0 |
| 23.3 | 63.5  | 5776.6 | 1.3 | P L 125 3 63.5  | T 160L4  | 33.0 |
| 23.1 | 127.9 | 5819.3 | 1.2 | P L 125 3 127.9 | T 160MB2 | 33.0 |
| 23.1 | 64.1  | 5831.8 | 0.8 | P L 115 3 64.1  | T 160L4  | 26.0 |
| 23.0 | 127.9 | 5857.0 | 1.2 | P L 125 3 127.9 | T 132ML2 | 33.0 |
| 22.7 | 65.1  | 5924.2 | 1.8 | P L 135 3 65.1  | T 160L4  | 40.0 |
| 22.7 | 42.8  | 5942.3 | 1.9 | P L 135 3 42.8  | T 180L6  | 40.0 |
| 22.2 | 43.8  | 6079.4 | 1.3 | P L 125 3 43.8  | T 180L6  | 33.0 |
| 22.1 | 134.1 | 6101.2 | 1.5 | P L 135 3 134.1 | T 160MB2 | 40.0 |
| 21.9 | 134.1 | 6143.0 | 1.5 | P L 135 3 134.1 | T 132ML2 | 40.0 |
| 21.4 | 69.2  | 6295.1 | 1.2 | P L 125 3 69.2  | T 160L4  | 33.0 |
| 21.3 | 45.5  | 6316.0 | 0.9 | P L 115 3 45.5  | T 180L6  | 26.0 |
| 21.1 | 140.1 | 6372.8 | 1.5 | P L 135 3 140.1 | T 160MB2 | 40.0 |
| 21.0 | 140.1 | 6415.2 | 1.5 | P L 135 3 140.1 | T 132ML2 | 40.0 |
| 20.9 | 141.7 | 6445.8 | 1.0 | P L 125 3 141.7 | T 160MB2 | 33.0 |
| 20.8 | 46.7  | 6483.3 | 1.8 | P L 135 3 46.7  | T 180L6  | 40.0 |
| 20.8 | 141.7 | 6489.6 | 1.0 | P L 125 3 141.7 | T 132ML2 | 33.0 |
| 19.6 | 75.7  | 6887.9 | 1.1 | P L 125 3 75.7  | T 160L4  | 33.0 |
| 19.3 | 153.3 | 6973.5 | 1.4 | P L 135 3 153.3 | T 160MB2 | 40.0 |
| 19.2 | 153.3 | 7020.5 | 1.3 | P L 135 3 153.3 | T 132ML2 | 40.0 |
| 19.1 | 50.7  | 7038.9 | 1.6 | P L 135 3 50.7  | T 180L6  | 40.0 |
| 19.1 | 155.1 | 7057.2 | 1.0 | P L 125 3 155.1 | T 160MB2 | 33.0 |
| 19.1 | 77.6  | 7061.2 | 1.5 | P L 135 3 77.6  | T 160L4  | 40.0 |
| 19.0 | 155.1 | 7102.3 | 1.0 | P L 125 3 155.1 | T 132ML2 | 33.0 |
| 18.9 | 51.3  | 7120.7 | 1.1 | P L 125 3 51.3  | T 180L6  | 33.0 |
| 18.3 | 81.0  | 7370.3 | 1.0 | P L 125 3 81    | T 160L4  | 33.0 |
| 17.6 | 84.0  | 7642.3 | 1.4 | P L 135 3 84    | T 160L4  | 40.0 |
| 17.6 | 168.7 | 7672.5 | 1.2 | P L 135 3 168.7 | T 160MB2 | 40.0 |
| 17.4 | 168.7 | 7725.6 | 1.2 | P L 135 3 168.7 | T 132ML2 | 40.0 |
| 17.3 | 170.7 | 7765.8 | 0.9 | P L 125 3 170.7 | T 160MB2 | 33.0 |
| 17.2 | 170.7 | 7819.7 | 0.9 | P L 125 3 170.7 | T 132ML2 | 33.0 |
| 17.0 | 57.2  | 7939.4 | 1.0 | P L 125 3 57.2  | T 180L6  | 33.0 |
| 16.8 | 57.8  | 8024.7 | 1.4 | P L 135 3 57.8  | T 180L6  | 40.0 |
| 16.8 | 88.3  | 8034.6 | 0.9 | P L 125 3 88.3  | T 160L4  | 33.0 |
| 16.3 | 182.2 | 7934.0 | 1.4 | P E 190 182.17  | T 160MB2 | 27.0 |
| 16.2 | 91.4  | 8317.1 | 1.3 | P L 135 3 91.4  | T 160L4  | 40.0 |
| 16.1 | 182.2 | 7988.0 | 1.4 | P E 190 182.17  | T 132ML2 | 27.0 |
| 16.1 | 183.7 | 8358.4 | 1.1 | P L 135 3 183.7 | T 160MB2 | 40.0 |
| 16.0 | 183.7 | 8416.0 | 1.1 | P L 135 3 183.7 | T 132ML2 | 40.0 |
| 15.3 | 63.5  | 8812.7 | 0.9 | P L 125 3 63.5  | T 180L6  | 33.0 |
| 15.2 | 97.6  | 8882.0 | 0.8 | P L 125 3 97.6  | T 160L4  | 33.0 |
| 14.9 | 65.1  | 9037.5 | 1.3 | P L 135 3 65.1  | T 180L6  | 40.0 |
| 14.8 | 100.1 | 9104.6 | 1.2 | P L 135 3 100.1 | T 160L4  | 40.0 |
| 14.7 | 201.0 | 9141.6 | 1.0 | P L 135 3 201   | T 160MB2 | 40.0 |
| 14.6 | 201.0 | 9203.9 | 1.0 | P L 135 3 201   | T 132ML2 | 40.0 |

15







15.0 kW

18.5 kW

HIGH TECH line Motion

FAMCO هاپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- |  GEAR |  EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|--|--|---|
| 15                                  | 14.1  | 210.7            | 9176.0                                | 1.3                        | P E 190 210.74   | T 160MB2   | 27.0                                      |
|                                     | 14.0  | 69.2             | 9604.5                                | 0.9                        | P L 125 3 69.2   | T 180L6  | 33.0                                      |
|                                     | 14.0  | 210.7            | 9241.9                                | 1.2                        | P E 190 210.74   | T 132ML2   | 27.0                                      |
|                                     | 13.8  | 215.0            | 9362.7                                | 0.9                        | P E 170 215.02   | T 160MB2   | 21.0                                      |
|                                     | 13.7  | 215.0            | 9431.0                                | 0.9                        | P E 170 215.02   | T 132ML2   | 21.0                                      |
|                                     | 13.4  | 110.1            | 10019.1                               | 1.0                        | P L 135 3 110.1  | T 160L4  | 40.0                                      |
|                                     | 13.4  | 221.2            | 10063.9                               | 0.9                        | P L 135 3 221.2  | T 160MB2   | 40.0                                      |
|                                     | 13.3  | 221.2            | 10132.2                               | 0.9                        | P L 135 3 221.2  | T 132ML2   | 40.0                                      |
|                                     | 12.5  | 77.6             | 10772.3                               | 1.1                        | P L 135 3 77.6   | T 180L6  | 40.0                                      |
|                                     | 12.2  | 121.8            | 11083.0                               | 0.9                        | P L 135 3 121.8  | T 160L4  | 40.0                                      |
|                                     | 12.1  | 245.1            | 11147.4                               | 0.8                        | P L 135 3 245.1  | T 160MB2   | 40.0                                      |
|                                     | 12.0  | 245.1            | 11221.5                               | 0.8                        | P L 135 3 245.1  | T 132ML2   | 40.0                                      |
|                                     | 12.0  | 246.9            | 10753.0                               | 1.1                        | P E 190 246.94   | T 160MB2   | 27.0                                      |
|                                     | 11.9  | 246.9            | 10825.2                               | 1.1                        | P E 190 246.94   | T 132ML2   | 27.0                                      |
|                                     | 11.6  | 84.0             | 11658.4                               | 1.0                        | P L 135 3 84   | T 180L6  | 40.0                                      |
|                                     | 11.0  | 134.1            | 12197.0                               | 0.9                        | P L 135 3 134.1  | T 160L4  | 40.0                                      |
|                                     | 11.0  | 268.9            | 11710.0                               | 1.0                        | P E 190 268.91   | T 160MB2   | 27.0                                      |
|                                     | 10.9  | 268.9            | 11795.7                               | 1.0                        | P E 190 268.91   | T 132ML2   | 27.0                                      |
|                                     | 10.6  | 91.4             | 12691.1                               | 0.9                        | P L 135 3 91.4   | T 180L6  | 40.0                                      |
|                                     | 10.6  | 140.1            | 12751.0                               | 0.8                        | P L 135 3 140.1  | T 160L4  | 40.0                                      |
|                                     | 10.2  | 291.5            | 12689.4                               | 0.9                        | P E 190 291.48   | T 160MB2   | 27.0                                      |
|                                     | 10.1  | 291.5            | 12777.8                               | 0.9                        | P E 190 291.48   | T 132ML2   | 27.0                                      |
|                                     | 9.8   | 302.5            | 13182.0                               | 0.9                        | P E 190 302.51   | T 160MB2   | 27.0                                      |
|                                     | 9.7   | 302.5            | 13264.1                               | 0.9                        | P E 190 302.51   | T 132ML2   | 27.0                                      |
|                                     | 9.7   | 100.1            | 13896.4                               | 0.8                        | P L 135 3 100.1  | T 180L6  | 40.0                                      |
|                                     | 9.3   | 317.4            | 13818.8                               | 0.8                        | P E 190 317.42   | T 160MB2   | 27.0                                      |
|                                     | 9.3   | 317.4            | 13922.5                               | 0.8                        | P E 190 317.42   | T 132ML2   | 27.0                                      |
|                                     | 9.0   | 329.4            | 14340.3                               | 0.8                        | P E 190 329.43   | T 160MB2   | 27.0                                      |
| 18,5                                | 1020.7  | 2.9              | 164.4                                 | 2.9                        | P - 112 2 2.9  | T 160L2  | 16.5                                      |
|                                     | 870.6   | 3.4              | 192.8                                 | 2.7                        | P - 112 2 3.4  | T 160L2  | 16.5                                      |
|                                     | 740.0   | 4.0              | 226.8                                 | 2.7                        | P - 112 2 4  | T 160L2  | 16.5                                      |
|                                     | 643.5   | 4.6              | 260.8                                 | 2.5                        | P - 112 2 4.6  | T 160L2  | 16.5                                      |
|                                     | 548.2   | 5.4              | 306.2                                 | 2.9                        | P - 125 2 5.4  | T 160L2  | 21.0                                      |
|                                     | 506.9   | 2.9              | 331.1                                 | 1.8                        | P - 112 2 2.9  | T 180M4  | 16.5                                      |
|                                     | 485.3   | 6.1              | 345.9                                 | 2.2                        | P - 112 2 6.1  | T 160L2  | 16.5                                      |
|                                     | 455.4   | 6.5              | 368.6                                 | 2.9                        | P - 125 2 6.5  | T 160L2  | 21.0                                      |
|                                     | 435.3   | 6.8              | 385.6                                 | 2.1                        | P - 112 2 6.8  | T 160L2  | 16.5                                      |
|                                     | 432.4   | 3.4              | 388.2                                 | 1.6                        | P - 112 2 3.4  | T 180M4  | 16.5                                      |
|                                     | 374.7   | 7.9              | 448.0                                 | 1.9                        | P - 112 2 7.9  | T 160L2  | 16.5                                      |
|                                     | 367.5   | 4.0              | 456.7                                 | 1.6                        | P - 112 2 4  | T 180M4  | 16.5                                      |
|                                     | 361.0   | 8.2              | 465.0                                 | 2.9                        | P - 125 2 8.2  | T 160L2  | 21.0                                      |
|                                     | 332.6   | 8.9              | 504.7                                 | 1.8                        | P - 112 2 8.9  | T 160L2  | 16.5                                      |
|                                     | 319.6   | 4.6              | 525.2                                 | 1.6                        | P - 112 2 4.6  | T 180M4  | 16.5                                      |
|                                     | 305.2   | 9.7              | 550.0                                 | 1.6                        | P - 112 2 9.7  | T 160L2  | 16.5                                      |
|                                     | 299.0   | 9.9              | 561.4                                 | 2.6                        | P - 125 2 9.9  | T 160L2  | 21.0                                      |
|                                     | 272.2   | 5.4              | 616.6                                 | 1.6                        | P - 125 2 5.4  | T 180M4  | 21.0                                      |
|                                     | 266.7   | 11.1             | 629.4                                 | 1.5                        | P - 112 2 11.1   | T 160L2  | 16.5                                      |
|                                     | 241.0   | 6.1              | 696.5                                 | 1.4                        | P - 112 2 6.1  | T 180M4  | 16.5                                      |
|                                     | 238.7   | 12.4             | 703.1                                 | 1.6                        | P - 112 2 12.4   | T 160L2  | 16.5                                      |
|                                     | 236.8   | 12.5             | 708.8                                 | 2.3                        | P - 125 2 12.5   | T 160L2  | 21.0                                      |
|                                     | 226.2   | 6.5              | 742.2                                 | 1.6                        | P - 125 2 6.5  | T 180M4  | 21.0                                      |
|                                     | 216.2   | 6.8              | 776.4                                 | 1.3                        | P - 112 2 6.8  | T 180M4  | 16.5                                      |
|                                     | 204.1   | 14.5             | 822.2                                 | 1.5                        | P - 112 2 14.5   | T 160L2  | 16.5                                      |
|                                     | 196.0   | 15.1             | 856.2                                 | 2.0                        | P - 125 2 15.1   | T 160L2  | 21.0                                      |
|                                     | 186.1   | 7.9              | 902.0                                 | 1.2                        | P - 112 2 7.9  | T 180M4  | 16.5                                      |
|                                     | 181.6   | 16.3             | 924.2                                 | 1.4                        | P - 112 2 16.3   | T 160L2  | 16.5                                      |
|                                     | 180.6   | 5.4              | 929.6                                 | 1.2                        | P - 125 2 5.4  | T 200LA6   | 21.0                                      |
|                                     | 179.3   | 8.2              | 936.2                                 | 1.6                        | P - 125 2 8.2  | T 180M4  | 21.0                                      |
|                                     | 169.4   | 17.5             | 990.6                                 | 2.9                        | P - 132 2 17.47  | T 160L2  | 30.0                                      |
|                                     | 167.2   | 17.7             | 1003.7                                | 1.4                        | P - 112 2 17.7   | T 160L2  | 16.5                                      |
|                                     | 165.2   | 8.9              | 1016.2                                | 1.1                        | P - 112 2 8.9  | T 180M4  | 16.5                                      |
|                                     | 156.7   | 9.4              | 1071.0                                | 2.8                        | P - 132 2 9.38   | T 180M4  | 30.0                                      |
|                                     | 156.5   | 18.9             | 1072.8                                | 2.5                        | P - 132 2 18.92  | T 160L2  | 30.0                                      |
|                                     | 151.6   | 9.7              | 1107.5                                | 1.0                        | P - 112 2 9.7  | T 180M4  | 16.5                                      |
|                                     | 150.0   | 6.5              | 1119.0                                | 1.2                        | P - 125 2 6.5  | T 200LA6   | 21.0                                      |
|                                     | 148.7   | 19.9             | 1128.4                                | 1.6                        | P - 125 2 19.9   | T 160L2  | 21.0                                      |
|                                     | 148.5   | 9.9              | 1130.4                                | 1.4                        | P - 125 2 9.9  | T 180M4  | 21.0                                      |
|                                     | 146.5   | 20.2             | 1145.5                                | 1.3                        | P - 112 2 20.2   | T 160L2  | 16.5                                      |
|                                     | 143.7   | 20.6             | 1155.8                                | 1.9                        | P L 105 3 20.6   | T 160L2  | 22.0                                      |
|                                     | 142.4   | 10.3             | 1178.3                                | 2.8                        | P - 132 2 10.32  | T 180M4  | 30.0                                      |
|                                     | 142.1   | 6.9              | 1180.9                                | 3.0                        | P - 132 2 6.86   | T 200LA6   | 30.0                                      |
|                                     | 142.1   | 20.8             | 1181.2                                | 2.3                        | P - 132 2 20.83  | T 160L2  | 30.0                                      |
|                                     | 136.4   | 21.7             | 1230.4                                | 1.2                        | P - 112 2 21.7   | T 160L2  | 16.5                                      |
|                                     | 132.4   | 11.1             | 1267.4                                | 0.9                        | P - 112 2 11.1   | T 180M4  | 16.5                                      |
|                                     | 131.6   | 22.5             | 1262.3                                | 1.8                        | P L 105 3 22.5   | T 160L2  | 22.0                                      |
|                                     | 128.5   | 11.4             | 1306.2                                | 2.3                        | P - 132 2 11.44  | T 180M4  | 30.0                                      |
|                                     | 128.3   | 23.1             | 1308.1                                | 2.1                        | P - 132 2 23.07  | T 160L2  | 30.0                                      |
|                                     | 128.3   | 7.6              | 1308.3                                | 2.5                        | P - 132 2 7.6  | T 200LA6   | 30.0                                      |
| 125.4                               | 23.6  | 1310.1           | 1.1                                   | P L 95 3 23.6              | T 160L2  | 16.0   |   |
| 123.9                               | 23.9  | 1340.9           | 1.7                                   | P L 105 3 23.9             | T 160L2  | 22.0   |   |
| 118.9                               | 8.2   | 1411.6           | 1.2                                   | P - 125 2 8.2              | T 200LA6   | 21.0   |   |
| 118.6                               | 12.4  | 1415.8           | 1.0                                   | P - 112 2 12.4             | T 180M4  | 16.5   |   |
| 117.9                               | 25.1  | 1423.3           | 1.3                                   | P - 125 2 25.1             | T 160L2  | 21.0   |   |
| 117.6                               | 12.5  | 1427.2           | 1.3                                   | P - 125 2 12.5             | T 180M4  | 21.0   |   |
| 116.5                               | 25.4  | 1440.2           | 1.0                                   | P - 112 2 25.4             | T 160L2  | 16.5   |   |
| 113.8                               | 8.6   | 1475.3           | 2.2                                   | P - 132 2 8.57             | T 200LA6   | 30.0   |   |
| 112.3                               | 26.4  | 1494.2           | 1.8                                   | P - 132 2 26.35            | T 160L2  | 30.0   |   |
| 112.3                               | 13.1  | 1494.6           | 2.2                                   | P - 132 2 13.09            | T 180M4  | 30.0   |   |
| 110.0                               | 26.9  | 1509.2           | 2.5                                   | P L 115 3 26.9             | T 160L2  | 26.0   |   |
| 108.0                               | 27.4  | 1520.9           | 1.1                                   | P L 95 3 27.4              | T 160L2  | 16.0   |   |
| 103.9                               | 9.4   | 1614.8           | 2.0                                   | P - 132 2 9.38             | T 200LA6   | 30.0   |   |
| 103.5                               | 28.6  | 1604.6           | 1.5                                   | P L 105 3 28.6             | T 160L2  | 22.0   |   |

E150

CT17 IGBD 4.0

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU   | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|----------|---|
| 102.6                               | 14.3  | 14.3             | 1636.2                                | 2.1                        | P - 132 2 14.33 | T 180M4  | 30.0                                      |
| 102.1                               | 29.0  | 29.0             | 1644.4                                | 1.8                        | P - 132 2 29    | T 160L2  | 30.0                                      |
| 101.7                               | 29.1  | 29.1             | 1650.1                                | 0.9                        | P - 112 2 29.1  | T 160L2  | 16.5                                      |
| 101.4                               | 14.5  | 14.5             | 1655.6                                | 0.9                        | P - 112 2 14.5  | T 180M4  | 16.5                                      |
| 101.0                               | 29.3  | 29.3             | 1661.5                                | 2.5                        | P - 150 2 29.3  | T 160L2  | 38.0                                      |
| 98.5                                | 9.9   | 9.9              | 1704.3                                | 1.0                        | P - 125 2 9.9   | T 200LA6 | 21.0                                      |
| 98.0                                | 30.2  | 30.2             | 1712.5                                | 1.2                        | P - 125 2 30.2  | T 160L2  | 21.0                                      |
| 97.4                                | 15.1  | 15.1             | 1724.1                                | 1.1                        | P - 125 2 15.1  | T 180M4  | 21.0                                      |
| 96.1                                | 15.3  | 15.3             | 1746.9                                | 3.0                        | P - 150 2 15.3  | T 180M4  | 38.0                                      |
| 94.6                                | 31.3  | 31.3             | 1756.1                                | 1.4                        | P L 105 3 31.3  | T 160L2  | 22.0                                      |
| 94.5                                | 10.3  | 10.3             | 1776.5                                | 2.0                        | P - 132 2 10.32 | T 200LA6 | 30.0                                      |
| 93.2                                | 15.8  | 15.8             | 1800.7                                | 1.9                        | P - 132 2 15.77 | T 180M4  | 30.0                                      |
| 92.2                                | 32.1  | 32.1             | 1820.2                                | 2.5                        | P - 150 2 32.1  | T 160L2  | 38.0                                      |
| 92.2                                | 32.1  | 32.1             | 1801.1                                | 2.2                        | P L 115 3 32.1  | T 160L2  | 26.0                                      |
| 92.1                                | 32.1  | 32.1             | 1821.8                                | 1.6                        | P - 132 2 32.13 | T 160L2  | 30.0                                      |
| 90.2                                | 16.3  | 16.3             | 1861.2                                | 0.9                        | P - 112 2 16.3  | T 180M4  | 16.5                                      |
| 90.0                                | 32.9  | 32.9             | 1826.2                                | 1.0                        | P L 95 3 32.9   | T 160L2  | 16.0                                      |
| 88.2                                | 33.6  | 33.6             | 1902.3                                | 1.3                        | P - 132 2 33.55 | T 160L2  | 30.0                                      |
| 88.0                                | 16.7  | 16.7             | 1906.8                                | 2.8                        | P - 150 2 16.7  | T 180M4  | 38.0                                      |
| 85.5                                | 11.4  | 11.4             | 1962.4                                | 2.8                        | P - 150 2 11.4  | T 200LA6 | 38.0                                      |
| 85.2                                | 11.4  | 11.4             | 1969.3                                | 1.7                        | P - 132 2 11.44 | T 200LA6 | 30.0                                      |
| 84.3                                | 35.1  | 35.1             | 1990.3                                | 2.0                        | P - 150 2 35.1  | T 160L2  | 38.0                                      |
| 84.1                                | 17.5  | 17.5             | 1994.8                                | 1.6                        | P - 132 2 17.47 | T 180M4  | 30.0                                      |
| 84.1                                | 35.2  | 35.2             | 1974.9                                | 1.3                        | P L 105 3 35.2  | T 160L2  | 22.0                                      |
| 83.1                                | 17.7  | 17.7             | 2020.9                                | 0.8                        | P - 112 2 17.7  | T 180M4  | 16.5                                      |
| 80.2                                | 36.9  | 36.9             | 2093.5                                | 1.3                        | P - 132 2 36.92 | T 160L2  | 30.0                                      |
| 78.6                                | 12.4  | 12.4             | 2134.6                                | 2.7                        | P - 150 2 12.4  | T 200LA6 | 38.0                                      |
| 78.1                                | 37.9  | 37.9             | 2126.4                                | 1.9                        | P L 115 3 37.9  | T 160L2  | 26.0                                      |
| 78.0                                | 12.5  | 12.5             | 2151.8                                | 0.9                        | P - 125 2 12.5  | T 200LA6 | 21.0                                      |
| 77.7                                | 18.9  | 18.9             | 2160.1                                | 1.4                        | P - 132 2 18.92 | T 180M4  | 30.0                                      |
| 77.5                                | 38.2  | 38.2             | 2166.0                                | 1.0                        | P - 125 2 38.2  | T 160L2  | 21.0                                      |
| 76.9                                | 38.5  | 38.5             | 2160.1                                | 1.2                        | P L 105 3 38.5  | T 160L2  | 22.0                                      |
| 76.6                                | 19.2  | 19.2             | 2192.3                                | 2.4                        | P - 150 2 19.2  | T 180M4  | 38.0                                      |
| 76.5                                | 38.7  | 38.7             | 2194.3                                | 1.8                        | P - 150 2 38.7  | T 160L2  | 38.0                                      |
| 74.5                                | 13.1  | 13.1             | 2253.5                                | 1.6                        | P - 132 2 13.09 | T 200LA6 | 30.0                                      |
| 73.9                                | 19.9  | 19.9             | 2272.2                                | 0.9                        | P - 125 2 19.9  | T 180M4  | 21.0                                      |
| 73.6                                | 40.2  | 40.2             | 2255.5                                | 3.0                        | P L 125 3 40.2  | T 160L2  | 33.0                                      |
| 73.1                                | 40.5  | 40.5             | 2248.0                                | 0.8                        | P L 95 3 40.5   | T 160L2  | 16.0                                      |
| 72.9                                | 40.6  | 40.6             | 2277.8                                | 2.0                        | P L 115 3 40.6  | T 160L2  | 26.0                                      |
| 72.4                                | 40.9  | 40.9             | 2319.8                                | 1.2                        | P - 132 2 40.91 | T 160L2  | 30.0                                      |
| 71.7                                | 13.6  | 13.6             | 2341.2                                | 2.4                        | P - 150 2 13.6  | T 200LA6 | 38.0                                      |
| 70.6                                | 20.8  | 20.8             | 2378.4                                | 1.3                        | P - 132 2 20.83 | T 180M4  | 30.0                                      |
| 70.0                                | 21.0  | 21.0             | 2397.7                                | 2.2                        | P - 150 2 21    | T 180M4  | 38.0                                      |
| 69.2                                | 42.8  | 42.8             | 2426.9                                | 1.6                        | P - 150 2 42.8  | T 160L2  | 38.0                                      |
| 68.0                                | 14.3  | 14.3             | 2466.8                                | 1.5                        | P - 132 2 14.33 | T 200LA6 | 30.0                                      |
| 67.6                                | 43.8  | 43.8             | 2457.4                                | 2.7                        | P L 125 3 43.8  | T 160L2  | 33.0                                      |
| 65.9                                | 44.9  | 44.9             | 2519.3                                | 1.0                        | P L 105 3 44.9  | T 160L2  | 22.0                                      |
| 65.6                                | 22.4  | 22.4             | 2530.8                                | 2.7                        | P L 125 3 22.4  | T 180M4  | 33.0                                      |
| 65.1                                | 45.5  | 45.5             | 2553.1                                | 1.8                        | P L 115 3 45.5  | T 160L2  | 26.0                                      |
| 64.5                                | 22.8  | 22.8             | 2603.4                                | 2.0                        | P - 150 2 22.8  | T 180M4  | 38.0                                      |
| 63.7                                | 15.3  | 15.3             | 2633.7                                | 2.2                        | P - 150 2 15.3  | T 200LA6 | 38.0                                      |
| 63.7                                | 23.1  | 23.1             | 2634.1                                | 1.1                        | P - 132 2 23.07 | T 180M4  | 30.0                                      |
| 62.6                                | 23.5  | 23.5             | 2682.0                                | 2.8                        | P - 170 2 23.49 | T 180M4  | 56.0                                      |
| 62.6                                | 47.3  | 47.3             | 2682.0                                | 1.4                        | P - 150 2 47.3  | T 160L2  | 38.0                                      |
| 61.8                                | 15.8  | 15.8             | 2714.6                                | 1.4                        | P - 132 2 15.77 | T 200LA6 | 30.0                                      |
| 61.5                                | 23.9  | 23.9             | 2699.9                                | 2.6                        | P L 125 3 23.9  | T 180M4  | 33.0                                      |
| 59.6                                | 49.7  | 49.7             | 2788.4                                | 1.5                        | P L 115 3 49.7  | T 160L2  | 26.0                                      |
| 59.0                                | 16.5  | 16.5             | 2847.2                                | 2.9                        | P - 170 2 16.54 | T 200LA6 | 56.0                                      |
| 58.8                                | 25.0  | 25.0             | 2854.4                                | 1.8                        | P - 150 2 25    | T 180M4  | 38.0                                      |
| 58.4                                | 16.7  | 16.7             | 2875.0                                | 2.0                        | P - 150 2 16.7  | T 200LA6 | 38.0                                      |
| 58.4                                | 50.7  | 50.7             | 2844.8                                | 0.9                        | P L 105 3 50.7  | T 160L2  | 22.0                                      |
| 57.7                                | 51.3  | 51.3             | 2878.2                                | 2.3                        | P L 125 3 51.3  | T 160L2  | 33.0                                      |
| 56.9                                | 25.9  | 25.9             | 2951.3                                | 2.5                        | P - 170 2 25.85 | T 180M4  | 56.0                                      |
| 55.8                                | 17.5  | 17.5             | 3007.3                                | 1.2                        | P - 132 2 17.47 | T 200LA6 | 30.0                                      |
| 55.8                                | 26.4  | 26.4             | 3008.5                                | 1.0                        | P - 132 2 26.35 | T 180M4  | 30.0                                      |
| 54.7                                | 26.9  | 26.9             | 3038.8                                | 1.4                        | P L 115 3 26.9  | T 180M4  | 26.0                                      |
| 54.5                                | 54.3  | 54.3             | 3046.7                                | 1.5                        | P L 115 3 54.3  | T 160L2  | 26.0                                      |
| 54.1                                | 18.0  | 18.0             | 3100.1                                | 2.6                        | P - 170 2 18.01 | T 200LA6 | 56.0                                      |
| 53.8                                | 55.0  | 55.0             | 3085.7                                | 0.8                        | P L 105 3 55    | T 160L2  | 22.0                                      |
| 53.5                                | 27.5  | 27.5             | 3140.2                                | 1.7                        | P - 150 2 27.5  | T 180M4  | 38.0                                      |
| 52.9                                | 27.8  | 27.8             | 3140.6                                | 2.3                        | P L 125 3 27.8  | T 180M4  | 33.0                                      |
| 51.8                                | 57.2  | 57.2             | 3209.2                                | 2.1                        | P L 125 3 57.2  | T 160L2  | 33.0                                      |
| 51.5                                | 18.9  | 18.9             | 3257.2                                | 1.0                        | P - 132 2 18.92 | T 200LA6 | 30.0                                      |
| 51.3                                | 28.6  | 28.6             | 3269.9                                | 2.3                        | P - 170 2 28.64 | T 180M4  | 56.0                                      |
| 51.2                                | 57.8  | 57.8             | 3243.0                                | 2.9                        | P L 135 3 57.8  | T 160L2  | 40.0                                      |
| 50.8                                | 19.2  | 19.2             | 3305.3                                | 1.7                        | P - 150 2 19.2  | T 200LA6 | 38.0                                      |
| 50.7                                | 29.0  | 29.0             | 3311.1                                | 1.0                        | P - 132 2 29    | T 180M4  | 30.0                                      |
| 50.2                                | 29.3  | 29.3             | 3345.4                                | 1.4                        | P - 150 2 29.3  | T 180M4  | 38.0                                      |
| 49.8                                | 29.5  | 29.5             | 3332.8                                | 3.0                        | P L 135 3 29.5  | T 180M4  | 40.0                                      |
| 49.6                                | 59.7  | 59.7             | 3349.6                                | 1.3                        | P L 115 3 59.7  | T 160L2  | 26.0                                      |
| 49.5                                | 19.7  | 19.7             | 3392.8                                | 2.4                        | P - 170 2 19.71 | T 200LA6 | 56.0                                      |
| 48.4                                | 30.4  | 30.4             | 3434.2                                | 2.2                        | P L 125 3 30.4  | T 180M4  | 33.0                                      |
| 46.8                                | 20.8  | 20.8             | 3585.5                                | 0.9                        | P - 132 2 20.83 | T 200LA6 | 30.0                                      |
| 46.6                                | 31.5  | 31.5             | 3598.6                                | 2.9                        | P - 190 2 31.52 | T 180M4  | 72.0                                      |
| 46.6                                | 31.5  | 31.5             | 3598.7                                | 2.1                        | P - 170 2 31.52 | T 180M4  | 56.0                                      |
| 46.6                                | 63.5  | 63.5             | 3563.1                                | 1.9                        | P L 125 3 63.5  | T 160L2  | 33.0                                      |
| 46.4                                | 21.0  | 21.0             | 3615.0                                | 1.6                        | P - 150 2 21    | T 200LA6 | 38.0                                      |
| 46.2                                | 64.1  | 64.1             | 3596.3                                | 1.2                        | P L 115 3 64.1  | T 160L2  | 26.0                                      |
| 45.8                                | 32.1  | 32.1             | 3626.8                                | 2.9                        | P L 135 3 32.1  | T 180M4  | 40.0                                      |
| 45.8                                | 32.1  | 32.1             | 3665.4                                | 1.4                        | P - 150 2 32.1  | T 180M4  | 38.0                                      |
| 45.8                                | 32.1  | 32.1             | 3626.8                                | 1.2                        | P L 115 3 32.1  | T 180M4  | 26.0                                      |
| 45.8                                | 32.1  | 32.1             | 3668.6                                | 0.9                        | P - 132 2 32.13 | T 180M4  | 30.0                                      |
| 45.5                                | 65.1  | 65.1             | 3652.4                                | 2.6                        | P L 135 3 65.1  | T 160L2  | 40.0                                      |
| 45.4                                | 21.5  | 21.5             | 3694.5                                | 2.2                        | P - 170 2 21.46 | T 200LA6 | 56.0                                      |
| 44.7                                | 21.8  | 21.8             | 3713.6                                | 2.8                        | P L 135 3 21.8  | T 200LA6 | 40.0                                      |

18,5







18.5 kW

HIGH TECH line Motion

FAMCO هاپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 43.5                                | 22.4  | 3815.2           | 2.0                                   | P L 125 3 22.4             | T 200LA6  | 33.0  |   |
| 42.8                                | 69.2  | 3882.9           | 1.7                                   | P L 125 3 69.2             | T 160L2   | 33.0  |   |
| 42.8                                | 22.8  | 3925.2           | 1.4                                   | P - 150 2 22.8             | T 200LA6  | 38.0  |   |
| 42.3                                | 23.1  | 3971.7           | 0.8                                   | P - 132 2 23.07            | T 200LA6  | 30.0  |   |
| 42.1                                | 34.9  | 3986.7           | 2.6                                   | P - 190 2 34.92            | T 180M4   | 72.0  |   |
| 42.1                                | 34.9  | 3986.7           | 1.8                                   | P - 170 2 34.92            | T 180M4   | 56.0  |   |
| 41.9                                | 35.1  | 4007.7           | 1.1                                   | P - 150 2 35.1             | T 180M4   | 38.0  |   |
| 41.6                                | 35.3  | 3988.3           | 1.9                                   | P L 125 3 35.3             | T 180M4   | 33.0  |   |
| 41.5                                | 23.5  | 4043.4           | 2.8                                   | P - 190 2 23.49            | T 200LA6  | 72.0  |   |
| 41.5                                | 23.5  | 4043.4           | 2.0                                   | P - 170 2 23.49            | T 200LA6  | 56.0  |   |
| 40.8                                | 23.9  | 4071.5           | 1.9                                   | P L 125 3 23.9             | T 200LA6  | 33.0  |   |
| 40.1                                | 73.8  | 4140.6           | 1.1                                   | P L 115 3 73.8             | T 160L2   | 26.0  |   |
| 39.1                                | 75.7  | 4247.4           | 1.6                                   | P L 125 3 75.7             | T 160L2   | 33.0  |   |
| 39.0                                | 25.0  | 4303.7           | 1.3                                   | P - 150 2 25               | T 200LA6  | 38.0  |   |
| 38.8                                | 37.9  | 4281.3           | 1.0                                   | P L 115 3 37.9             | T 180M4   | 26.0  |   |
| 38.1                                | 77.6  | 4354.3           | 2.2                                   | P L 135 3 77.6             | T 160L2   | 40.0  |   |
| 38.0                                | 38.7  | 4372.7           | 2.3                                   | P L 135 3 38.7             | T 180M4   | 40.0  |   |
| 38.0                                | 38.7  | 4419.2           | 1.0                                   | P - 150 2 38.7             | T 180M4   | 38.0  |   |
| 37.7                                | 25.9  | 4449.7           | 2.6                                   | P - 190 2 25.85            | T 200LA6  | 72.0  |   |
| 37.7                                | 25.9  | 4449.6           | 1.8                                   | P - 170 2 25.85            | T 200LA6  | 56.0  |   |
| 37.6                                | 25.9  | 4412.2           | 2.4                                   | P L 135 3 25.9             | T 200LA6  | 40.0  |   |
| 36.6                                | 40.2  | 4541.3           | 1.7                                   | P L 125 3 40.2             | T 180M4   | 33.0  |   |
| 36.5                                | 81.0  | 4545.0           | 1.5                                   | P L 125 3 81               | T 160L2   | 33.0  |   |
| 36.4                                | 81.3  | 4561.1           | 1.0                                   | P L 115 3 81.3             | T 160L2   | 26.0  |   |
| 36.3                                | 26.9  | 4581.4           | 1.0                                   | P L 115 3 26.9             | T 200LA6  | 26.0  |   |
| 36.2                                | 40.6  | 4586.5           | 1.1                                   | P L 115 3 40.6             | T 180M4   | 26.0  |   |
| 35.5                                | 27.5  | 4734.5           | 1.2                                   | P - 150 2 27.5             | T 200LA6  | 38.0  |   |
| 35.2                                | 84.0  | 4712.6           | 2.0                                   | P L 135 3 84               | T 160L2   | 40.0  |   |
| 35.1                                | 27.8  | 4735.5           | 1.7                                   | P L 125 3 27.8             | T 200LA6  | 33.0  |   |
| 34.4                                | 42.8  | 4834.7           | 2.2                                   | P L 135 3 42.8             | T 180M4   | 40.0  |   |
| 34.4                                | 42.8  | 4886.1           | 0.9                                   | P - 150 2 42.8             | T 180M4   | 38.0  |   |
| 34.0                                | 28.6  | 4930.7           | 2.3                                   | P - 190 2 28.64            | T 200LA6  | 72.0  |   |
| 34.0                                | 28.6  | 4930.6           | 1.7                                   | P - 170 2 28.64            | T 200LA6  | 56.0  |   |
| 33.9                                | 87.2  | 4893.2           | 0.9                                   | P L 115 3 87.2             | T 160L2   | 26.0  |   |
| 33.6                                | 43.8  | 4948.6           | 1.5                                   | P L 125 3 43.8             | T 180M4   | 33.0  |   |
| 33.5                                | 88.3  | 4954.6           | 1.4                                   | P L 125 3 88.3             | T 160L2   | 33.0  |   |
| 33.3                                | 29.3  | 5043.4           | 1.0                                   | P - 150 2 29.3             | T 200LA6  | 38.0  |   |
| 33.1                                | 29.5  | 5025.0           | 2.2                                   | P L 135 3 29.5             | T 200LA6  | 40.0  |   |
| 32.4                                | 91.4  | 5127.3           | 1.8                                   | P L 135 3 91.4             | T 160L2   | 40.0  |   |
| 32.3                                | 45.5  | 5140.0           | 1.0                                   | P L 115 3 45.5             | T 180M4   | 26.0  |   |
| 32.1                                | 30.4  | 5178.6           | 1.6                                   | P L 125 3 30.4             | T 200LA6  | 33.0  |   |
| 31.5                                | 46.7  | 5275.5           | 2.0                                   | P L 135 3 46.7             | T 180M4   | 40.0  |   |
| 30.9                                | 31.5  | 5426.4           | 2.1                                   | P - 190 2 31.52            | T 200LA6  | 72.0  |   |
| 30.9                                | 31.5  | 5426.5           | 1.5                                   | P - 170 2 31.52            | T 200LA6  | 56.0  |   |
| 30.4                                | 32.1  | 5468.4           | 2.1                                   | P L 135 3 32.1             | T 200LA6  | 40.0  |   |
| 30.4                                | 32.1  | 5526.6           | 1.0                                   | P - 150 2 32.1             | T 200LA6  | 38.0  |   |
| 30.4                                | 32.1  | 5468.5           | 0.9                                   | P L 115 3 32.1             | T 200LA6  | 26.0  |   |
| 30.3                                | 97.6  | 5475.5           | 1.2                                   | P L 125 3 97.6             | T 160L2   | 33.0  |   |
| 29.6                                | 49.7  | 5614.6           | 0.9                                   | P L 115 3 49.7             | T 180M4   | 26.0  |   |
| 29.6                                | 100.1   | 5616.3           | 1.7                                   | P L 135 3 100.1            | T 160L2   | 40.0  |   |
| 29.0                                | 50.7  | 5728.7           | 1.8                                   | P L 135 3 50.7             | T 180M4   | 40.0  |   |
| 28.7                                | 51.3  | 5796.7           | 1.3                                   | P L 125 3 51.3             | T 180M4   | 33.0  |   |
| 27.9                                | 34.9  | 6011.6           | 1.9                                   | P - 190 2 34.92            | T 200LA6  | 72.0  |   |
| 27.9                                | 34.9  | 6011.5           | 1.3                                   | P - 170 2 34.92            | T 200LA6  | 56.0  |   |
| 27.9                                | 106.2   | 5958.9           | 1.1                                   | P L 125 3 106.2            | T 160L2   | 33.0  |   |
| 27.6                                | 35.3  | 6012.8           | 1.4                                   | P L 125 3 35.3             | T 200LA6  | 33.0  |   |
| 27.1                                | 54.3  | 6135.2           | 0.8                                   | P L 115 3 54.3             | T 180M4   | 26.0  |   |
| 26.9                                | 110.1   | 6178.4           | 1.5                                   | P L 135 3 110.1            | T 160L2   | 40.0  |   |
| 25.7                                | 57.2  | 6461.9           | 1.2                                   | P L 125 3 57.2             | T 180M4   | 33.0  |   |
| 25.5                                | 116.3   | 6525.7           | 1.0                                   | P L 125 3 116.3            | T 160L2   | 33.0  |   |
| 25.4                                | 57.8  | 6530.7           | 1.6                                   | P L 135 3 57.8             | T 180M4   | 40.0  |   |
| 25.2                                | 38.7  | 6592.9           | 1.7                                   | P L 135 3 38.7             | T 200LA6  | 40.0  |   |
| 24.3                                | 121.8   | 6834.4           | 1.4                                   | P L 135 3 121.8            | T 160L2   | 40.0  |   |
| 24.3                                | 40.2  | 6848.4           | 1.2                                   | P L 125 3 40.2             | T 200LA6  | 33.0  |   |
| 23.2                                | 63.5  | 7173.9           | 1.0                                   | P L 125 3 63.5             | T 180M4   | 33.0  |   |
| 23.1                                | 127.9   | 7177.1           | 0.9                                   | P L 125 3 127.9            | T 160L2   | 33.0  |   |
| 22.8                                | 42.8  | 7290.4           | 1.6                                   | P L 135 3 42.8             | T 200LA6  | 40.0  |   |
| 22.6                                | 65.1  | 7354.9           | 1.4                                   | P L 135 3 65.1             | T 180M4   | 40.0  |   |
| 22.3                                | 43.8  | 7460.8           | 1.1                                   | P L 125 3 43.8             | T 200LA6  | 33.0  |   |
| 22.1                                | 134.1   | 7524.9           | 1.3                                   | P L 135 3 134.1            | T 160L2   | 40.0  |   |
| 21.2                                | 69.2  | 7819.1           | 1.0                                   | P L 125 3 69.2             | T 180M4   | 33.0  |   |
| 21.1                                | 140.1   | 7859.8           | 1.2                                   | P L 135 3 140.1            | T 160L2   | 40.0  |   |
| 20.9                                | 141.7   | 7949.8           | 0.8                                   | P L 125 3 141.7            | T 160L2   | 33.0  |   |
| 20.9                                | 46.7  | 7953.6           | 1.4                                   | P L 135 3 46.7             | T 200LA6  | 40.0  |   |
| 19.4                                | 75.7  | 8551.6           | 0.9                                   | P L 125 3 75.7             | T 180M4   | 33.0  |   |
| 19.3                                | 153.3   | 8600.6           | 1.1                                   | P L 135 3 153.3            | T 160L2   | 40.0  |   |
| 19.2                                | 50.7  | 8636.3           | 1.3                                   | P L 135 3 50.7             | T 200LA6  | 40.0  |   |
| 19.0                                | 51.3  | 8736.0           | 0.9                                   | P L 125 3 51.3             | T 200LA6  | 33.0  |   |
| 18.9                                | 77.6  | 8768.6           | 1.2                                   | P L 135 3 77.6             | T 180M4   | 40.0  |   |
| 18.2                                | 81.0  | 9150.0           | 0.8                                   | P L 125 3 81               | T 180M4   | 33.0  |   |
| 17.6                                | 168.7   | 9462.8           | 1.0                                   | P L 135 3 168.7            | T 160L2   | 40.0  |   |
| 17.5                                | 84.0  | 9490.0           | 1.1                                   | P L 135 3 84               | T 180M4   | 40.0  |   |
| 17.1                                | 57.2  | 9740.2           | 0.8                                   | P L 125 3 57.2             | T 200LA6  | 33.0  |   |
| 16.9                                | 57.8  | 9844.6           | 1.2                                   | P L 135 3 57.8             | T 200LA6  | 40.0  |   |
| 16.3                                | 182.2   | 9785.2           | 1.2                                   | P E 190 182.17             | T 160L2   | 27.0  |   |
| 16.1                                | 183.7   | 10308.7          | 0.9                                   | P L 135 3 183.7            | T 160L2   | 40.0  |   |
| 16.1                                | 91.4  | 10328.1          | 1.0                                   | P L 135 3 91.4             | T 180M4   | 40.0  |   |
| 15.0                                | 65.1  | 11086.6          | 1.0                                   | P L 135 3 65.1             | T 200LA6  | 40.0  |   |
| 14.7                                | 201.0   | 11274.7          | 0.8                                   | P L 135 3 201              | T 160L2   | 40.0  |   |
| 14.7                                | 100.1   | 11305.4          | 0.9                                   | P L 135 3 100.1            | T 180M4   | 40.0  |   |
| 14.1                                | 210.7   | 11317.1          | 1.0                                   | P E 190 210.74             | T 160L2   | 27.0  |   |
| 13.4                                | 110.1   | 12440.0          | 0.8                                   | P L 135 3 110.1            | T 180M4   | 40.0  |   |
| 12.6                                | 77.6  | 13222.7          | 0.9                                   | P L 135 3 77.6             | T 200LA6  | 40.0  |   |
| 12.0                                | 246.9   | 13262.1          | 0.9                                   | P E 190 246.94             | T 160L2   | 27.0  |   |

18,5

E152

CT17 IGBD 4.0

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------|--------|---|
| 1013.8                              | 2.9   | 196.9            | 2.4                                   | P - 112 2 2.9              | T 180M2  | 16.5   |   |
| 864.7                               | 3.4   | 230.8            | 2.3                                   | P - 112 2 3.4              | T 180M2  | 16.5   |   |
| 735.0                               | 4.0   | 271.6            | 2.2                                   | P - 112 2 4                | T 180M2  | 16.5   |   |
| 639.1                               | 4.6   | 312.3            | 2.1                                   | P - 112 2 4.6              | T 180M2  | 16.5   |   |
| 544.4                               | 5.4   | 366.6            | 2.5                                   | P - 125 2 5.4              | T 180M2  | 21.0   |   |
| 510.3                               | 2.9   | 391.1            | 1.5                                   | P - 112 2 2.9              | T 180L4  | 16.5   |   |
| 482.0                               | 6.1   | 414.1            | 1.9                                   | P - 112 2 6.1              | T 180M2  | 16.5   |   |
| 452.3                               | 6.5   | 441.3            | 2.4                                   | P - 125 2 6.5              | T 180M2  | 21.0   |   |
| 435.3                               | 3.4   | 458.5            | 1.4                                   | P - 112 2 3.4              | T 180L4  | 16.5   |   |
| 432.4                               | 6.8   | 461.6            | 1.8                                   | P - 112 2 6.8              | T 180M2  | 16.5   |   |
| 372.2                               | 7.9   | 536.3            | 1.6                                   | P - 112 2 7.9              | T 180M2  | 16.5   |   |
| 370.0                               | 4.0   | 539.4            | 1.4                                   | P - 112 2 4                | T 180L4  | 16.5   |   |
| 358.5                               | 8.2   | 556.7            | 2.4                                   | P - 125 2 8.2              | T 180M2  | 21.0   |   |
| 330.3                               | 8.9   | 604.2            | 1.5                                   | P - 112 2 8.9              | T 180M2  | 16.5   |   |
| 321.7                               | 4.6   | 620.4            | 1.3                                   | P - 112 2 4.6              | T 180L4  | 16.5   |   |
| 303.1                               | 9.7   | 658.5            | 1.4                                   | P - 112 2 9.7              | T 180M2  | 16.5   |   |
| 297.0                               | 9.9   | 672.1            | 2.1                                   | P - 125 2 9.9              | T 180M2  | 21.0   |   |
| 274.1                               | 5.4   | 728.3            | 1.4                                   | P - 125 2 5.4              | T 180L4  | 21.0   |   |
| 264.9                               | 11.1  | 753.6            | 1.3                                   | P - 112 2 11.1             | T 180M2  | 16.5   |   |
| 242.6                               | 6.1   | 822.7            | 1.2                                   | P - 112 2 6.1              | T 180L4  | 16.5   |   |
| 237.1                               | 12.4  | 841.8            | 1.4                                   | P - 112 2 12.4             | T 180M2  | 16.5   |   |
| 235.2                               | 12.5  | 848.6            | 1.9                                   | P - 125 2 12.5             | T 180M2  | 21.0   |   |
| 227.7                               | 6.5   | 876.6            | 1.4                                   | P - 125 2 6.5              | T 180L4  | 21.0   |   |
| 217.7                               | 6.8   | 917.1            | 1.1                                   | P - 112 2 6.8              | T 180L4  | 16.5   |   |
| 202.8                               | 14.5  | 984.4            | 1.3                                   | P - 112 2 14.5             | T 180M2  | 16.5   |   |
| 194.7                               | 7.6   | 1024.9           | 2.9                                   | P - 132 2 7.6              | T 180L4  | 30.0   |   |
| 194.7                               | 15.1  | 1025.2           | 1.7                                   | P - 125 2 15.1             | T 180M2  | 21.0   |   |
| 187.3                               | 7.9   | 1065.4           | 1.0                                   | P - 112 2 7.9              | T 180L4  | 16.5   |   |
| 186.4                               | 15.8  | 1070.6           | 2.9                                   | P - 132 2 15.77            | T 180M2  | 30.0   |   |
| 180.6                               | 5.4   | 1105.4           | 1.0                                   | P - 125 2 5.4              | T 200LB6 | 21.0   |   |
| 180.5                               | 8.2   | 1105.9           | 1.4                                   | P - 125 2 8.2              | T 180L4  | 21.0   |   |
| 180.4                               | 16.3  | 1106.6           | 1.2                                   | P - 112 2 16.3             | T 180M2  | 16.5   |   |
| 172.7                               | 8.6   | 1155.7           | 2.6                                   | P - 132 2 8.57             | T 180L4  | 30.0   |   |
| 171.4                               | 5.7   | 1164.8           | 2.6                                   | P - 132 2 5.69             | T 200LB6 | 30.0   |   |
| 168.3                               | 17.5  | 1186.0           | 2.4                                   | P - 132 2 17.47            | T 180M2  | 30.0   |   |
| 166.3                               | 8.9   | 1200.3           | 0.9                                   | P - 112 2 8.9              | T 180L4  | 16.5   |   |
| 166.1                               | 17.7  | 1201.7           | 1.1                                   | P - 112 2 17.7             | T 180M2  | 16.5   |   |
| 157.8                               | 9.4   | 1265.0           | 2.4                                   | P - 132 2 9.38             | T 180L4  | 30.0   |   |
| 156.5                               | 6.2   | 1275.4           | 2.6                                   | P - 132 2 6.23             | T 200LB6 | 30.0   |   |
| 155.4                               | 18.9  | 1284.5           | 2.1                                   | P - 132 2 18.92            | T 180M2  | 30.0   |   |
| 152.6                               | 9.7   | 1308.1           | 0.8                                   | P - 112 2 9.7              | T 180L4  | 16.5   |   |
| 150.0                               | 6.5   | 1330.7           | 1.0                                   | P - 125 2 6.5              | T 200LB6 | 21.0   |   |
| 149.5                               | 9.9   | 1335.2           | 1.2                                   | P - 125 2 9.9              | T 180L4  | 21.0   |   |
| 147.7                               | 19.9  | 1351.0           | 1.3                                   | P - 125 2 19.9             | T 180M2  | 21.0   |   |
| 145.5                               | 20.2  | 1371.4           | 1.1                                   | P - 112 2 20.2             | T 180M2  | 16.5   |   |
| 143.4                               | 10.3  | 1391.8           | 2.4                                   | P - 132 2 10.32            | T 180L4  | 30.0   |   |
| 142.1                               | 6.9   | 1404.3           | 2.5                                   | P - 132 2 6.86             | T 200LB6 | 30.0   |   |
| 141.1                               | 20.8  | 1414.2           | 1.9                                   | P - 132 2 20.83            | T 180M2  | 30.0   |   |
| 135.5                               | 21.7  | 1473.3           | 1.0                                   | P - 112 2 21.7             | T 180M2  | 16.5   |   |
| 129.4                               | 11.4  | 1542.8           | 1.9                                   | P - 132 2 11.44            | T 180L4  | 30.0   |   |
| 128.3                               | 7.6   | 1555.8           | 2.1                                   | P - 132 2 7.6              | T 200LB6 | 30.0   |   |
| 127.4                               | 23.1  | 1566.2           | 1.7                                   | P - 132 2 23.07            | T 180M2  | 30.0   |   |
| 119.4                               | 12.4  | 1672.4           | 0.8                                   | P - 112 2 12.4             | T 180L4  | 16.5   |   |
| 118.9                               | 8.2   | 1678.7           | 1.0                                   | P - 125 2 8.2              | T 200LB6 | 21.0   |   |
| 118.4                               | 12.5  | 1685.8           | 1.1                                   | P - 125 2 12.5             | T 180L4  | 21.0   |   |
| 117.6                               | 25.0  | 1697.2           | 2.8                                   | P - 150 2 25               | T 180M2  | 38.0   |   |
| 117.1                               | 25.1  | 1704.0           | 1.1                                   | P - 125 2 25.1             | T 180M2  | 21.0   |   |
| 115.8                               | 25.4  | 1724.4           | 0.8                                   | P - 112 2 25.4             | T 180M2  | 16.5   |   |
| 113.8                               | 8.6   | 1754.4           | 1.9                                   | P - 132 2 8.57             | T 200LB6 | 30.0   |   |
| 113.1                               | 13.1  | 1765.4           | 1.9                                   | P - 132 2 13.09            | T 180L4  | 30.0   |   |
| 111.6                               | 26.4  | 1788.9           | 1.5                                   | P - 132 2 26.35            | T 180M2  | 30.0   |   |
| 109.3                               | 26.9  | 1807.1           | 2.1                                   | P L 115 3 26.9             | T 180M2  | 26.0   |   |
| 108.8                               | 13.6  | 1834.2           | 2.8                                   | P - 150 2 13.6             | T 180L4  | 38.0   |   |
| 106.9                               | 27.5  | 1866.9           | 2.5                                   | P - 150 2 27.5             | T 180M2  | 38.0   |   |
| 103.9                               | 9.4   | 1920.3           | 1.7                                   | P - 132 2 9.38             | T 200LB6 | 30.0   |   |
| 103.3                               | 14.3  | 1932.6           | 1.8                                   | P - 132 2 14.33            | T 180L4  | 30.0   |   |
| 101.4                               | 29.0  | 1968.8           | 1.5                                   | P - 132 2 29               | T 180M2  | 30.0   |   |
| 100.3                               | 29.3  | 1989.2           | 2.1                                   | P - 150 2 29.3             | T 180M2  | 38.0   |   |
| 98.5                                | 9.9   | 2026.8           | 0.9                                   | P - 125 2 9.9              | T 200LB6 | 21.0   |   |
| 98.0                                | 15.1  | 2036.4           | 0.9                                   | P - 125 2 15.1             | T 180L4  | 21.0   |   |
| 97.4                                | 30.2  | 2050.3           | 1.0                                   | P - 125 2 30.2             | T 180M2  | 21.0   |   |
| 96.7                                | 15.3  | 2063.4           | 2.5                                   | P - 150 2 15.3             | T 180L4  | 38.0   |   |
| 96.5                                | 10.1  | 2067.7           | 2.7                                   | P - 150 2 10.1             | T 200LB6 | 38.0   |   |
| 94.5                                | 10.3  | 2112.5           | 1.7                                   | P - 132 2 10.32            | T 200LB6 | 30.0   |   |
| 93.9                                | 15.8  | 2126.7           | 1.6                                   | P - 132 2 15.77            | T 180L4  | 30.0   |   |
| 91.6                                | 32.1  | 2179.2           | 2.1                                   | P - 150 2 32.1             | T 180M2  | 38.0   |   |
| 91.6                                | 32.1  | 2156.3           | 1.8                                   | P L 115 3 32.1             | T 180M2  | 26.0   |   |
| 91.5                                | 32.1  | 2181.4           | 1.3                                   | P - 132 2 32.13            | T 180M2  | 30.0   |   |
| 88.6                                | 16.7  | 2252.3           | 2.4                                   | P - 150 2 16.7             | T 180L4  | 38.0   |   |
| 87.6                                | 33.6  | 2277.7           | 1.1                                   | P - 132 2 33.55            | T 180M2  | 30.0   |   |
| 85.5                                | 11.4  | 2333.6           | 2.4                                   | P - 150 2 11.4             | T 200LB6 | 38.0   |   |
| 85.2                                | 11.4  | 2341.8           | 1.4                                   | P - 132 2 11.44            | T 200LB6 | 30.0   |   |
| 84.7                                | 17.5  | 2355.9           | 1.4                                   | P - 132 2 17.47            | T 180L4  | 30.0   |   |
| 84.2                                | 34.9  | 2370.8           | 2.7                                   | P - 170 2 34.92            | T 180M2  | 56.0   |   |
| 83.8                                | 35.1  | 2382.9           | 1.7                                   | P - 150 2 35.1             | T 180M2  | 38.0   |   |
| 83.3                                | 35.3  | 2371.1           | 2.8                                   | P L 125 3 35.3             | T 180M2  | 33.0   |   |
| 79.6                                | 36.9  | 2506.5           | 1.1                                   | P - 132 2 36.92            | T 180M2  | 30.0   |   |
| 78.6                                | 12.4  | 2538.4           | 2.2                                   | P - 150 2 12.4             | T 200LB6 | 38.0   |   |
| 78.2                                | 18.9  | 2551.7           | 1.2                                   | P - 132 2 18.92            | T 180L4  | 30.0   |   |
| 77.6                                | 37.9  | 2546.0           | 1.6                                   | P L 115 3 37.9             | T 180M2  | 26.0   |   |
| 77.1                                | 19.2  | 2589.5           | 2.0                                   | P - 150 2 19.2             | T 180L4  | 38.0   |   |
| 76.0                                | 38.7  | 2627.3           | 1.5                                   | P - 150 2 38.7             | T 180M2  | 38.0   |   |
| 75.1                                | 19.7  | 2658.1           | 2.8                                   | P - 170 2 19.71            | T 180L4  | 56.0   |   |
| 74.5                                | 13.1  | 2679.9           | 1.3                                   | P - 132 2 13.09            | T 200LB6 | 30.0   |   |
| 73.1                                | 40.2  | 2700.6           | 2.5                                   | P L 125 3 40.2             | T 180M2  | 33.0   |   |



22



**22.0**  
**kW**

HIGH TECH *line* Motion

**FAMCO**  
هایپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|---|---|---|
|                                     | 72.4  | 40.6             | 2727.4                               | 1.7                        | P L 115 3 40.6  | T 180M2   | 26.0                                      |
|                                     | 71.9  | 40.9             | 2777.1                               | 1.0                        | P - 132 2 40.91   | T 180M2   | 30.0                                      |
|                                     | 71.7  | 13.6             | 2784.2                               | 2.0                        | P - 150 2 13.6  | T 200LB6  | 38.0                                      |
|                                     | 71.1  | 20.8             | 2809.2                               | 1.1                        | P - 132 2 20.83   | T 180L4   | 30.0                                      |
|                                     | 70.5  | 21.0             | 2832.0                               | 1.8                        | P - 150 2 21  | T 180L4   | 38.0                                      |
|                                     | 69.0  | 21.5             | 2893.9                               | 2.6                        | P - 170 2 21.46   | T 180L4   | 56.0                                      |
|                                     | 68.7  | 42.8             | 2905.7                               | 1.3                        | P - 150 2 42.8  | T 180M2   | 38.0                                      |
|                                     | 68.0  | 14.3             | 2933.5                               | 1.3                        | P - 132 2 14.33   | T 200LB6  | 30.0                                      |
|                                     | 67.1  | 43.8             | 2942.4                               | 2.3                        | P L 125 3 43.8  | T 180M2   | 33.0                                      |
|                                     | 67.1  | 14.5             | 2976.4                               | 2.7                        | P - 170 2 14.54   | T 200LB6  | 56.0                                      |
|                                     | 66.1  | 22.4             | 2989.2                               | 2.3                        | P L 125 3 22.4  | T 180L4   | 33.0                                      |
|                                     | 64.9  | 22.8             | 3074.9                               | 1.7                        | P - 150 2 22.8  | T 180L4   | 38.0                                      |
|                                     | 64.6  | 45.5             | 3056.2                               | 1.5                        | P L 115 3 45.5  | T 180M2   | 26.0                                      |
|                                     | 64.2  | 23.1             | 3111.4                               | 1.0                        | P - 132 2 23.07   | T 180L4   | 30.0                                      |
|                                     | 63.7  | 15.3             | 3131.9                               | 1.8                        | P - 150 2 15.3  | T 200LB6  | 38.0                                      |
|                                     | 63.0  | 23.5             | 3167.7                               | 2.4                        | P - 170 2 23.49   | T 180L4   | 56.0                                      |
|                                     | 62.2  | 47.3             | 3211.0                               | 1.1                        | P - 150 2 47.3  | T 180M2   | 38.0                                      |
|                                     | 61.9  | 23.9             | 3189.5                               | 2.2                        | P L 125 3 23.9  | T 180L4   | 33.0                                      |
|                                     | 61.8  | 15.8             | 3228.1                               | 1.2                        | P - 132 2 15.77   | T 200LB6  | 30.0                                      |
|                                     | 59.2  | 25.0             | 3371.5                               | 1.5                        | P - 150 2 25  | T 180L4   | 38.0                                      |
|                                     | 59.2  | 49.7             | 3338.8                               | 1.3                        | P L 115 3 49.7  | T 180M2   | 26.0                                      |
|                                     | 59.0  | 16.5             | 3385.9                               | 2.4                        | P - 170 2 16.54   | T 200LB6  | 56.0                                      |
|                                     | 58.4  | 16.7             | 3418.9                               | 1.7                        | P - 150 2 16.7  | T 200LB6  | 38.0                                      |
|                                     | 58.0  | 50.7             | 3405.6                               | 2.8                        | P L 135 3 50.7  | T 180M2   | 40.0                                      |
|                                     | 57.3  | 51.3             | 3446.0                               | 2.0                        | P L 125 3 51.3  | T 180M2   | 33.0                                      |
|                                     | 57.3  | 25.9             | 3486.4                               | 2.2                        | P - 170 2 25.85   | T 180L4   | 56.0                                      |
|                                     | 57.1  | 25.9             | 3456.3                               | 2.8                        | P L 135 3 25.9  | T 180L4   | 40.0                                      |
|                                     | 56.2  | 26.4             | 3553.4                               | 0.8                        | P - 132 2 26.35   | T 180L4   | 30.0                                      |
|                                     | 55.8  | 17.5             | 3576.3                               | 1.0                        | P - 132 2 17.47   | T 200LB6  | 30.0                                      |
|                                     | 55.0  | 26.9             | 3589.5                               | 1.2                        | P L 115 3 26.9  | T 180L4   | 26.0                                      |
|                                     | 54.1  | 18.0             | 3686.7                               | 2.2                        | P - 170 2 18.01   | T 200LB6  | 56.0                                      |
|                                     | 54.1  | 54.3             | 3647.9                               | 1.2                        | P L 115 3 54.3  | T 180M2   | 26.0                                      |
|                                     | 53.8  | 27.5             | 3708.5                               | 1.4                        | P - 150 2 27.5  | T 180L4   | 38.0                                      |
|                                     | 53.2  | 27.8             | 3709.5                               | 1.9                        | P L 125 3 27.8  | T 180L4   | 33.0                                      |
|                                     | 51.7  | 28.6             | 3862.1                               | 2.7                        | P - 190 2 28.64   | T 180L4   | 72.0                                      |
|                                     | 51.7  | 28.6             | 3862.1                               | 1.9                        | P - 170 2 28.64   | T 180L4   | 56.0                                      |
|                                     | 51.5  | 18.9             | 3873.4                               | 0.8                        | P - 132 2 18.92   | T 200LB6  | 30.0                                      |
|                                     | 51.4  | 57.2             | 3842.3                               | 1.8                        | P L 125 3 57.2  | T 180M2   | 33.0                                      |
|                                     | 51.1  | 19.1             | 3868.7                               | 2.5                        | P L 135 3 19.1  | T 200LB6  | 40.0                                      |
|                                     | 51.0  | 29.0             | 3911.3                               | 0.8                        | P - 132 2 29  | T 180L4   | 30.0                                      |
|                                     | 50.9  | 57.8             | 3882.4                               | 2.4                        | P L 135 3 57.8  | T 180M2   | 40.0                                      |
|                                     | 50.8  | 19.2             | 3930.6                               | 1.4                        | P - 150 2 19.2  | T 200LB6  | 38.0                                      |
|                                     | 50.5  | 29.3             | 3951.5                               | 1.2                        | P - 150 2 29.3  | T 180L4   | 38.0                                      |
|                                     | 50.2  | 29.5             | 3936.5                               | 2.5                        | P L 135 3 29.5  | T 180L4   | 40.0                                      |
|                                     | 49.5  | 19.7             | 4034.7                               | 2.8                        | P - 190 2 19.71   | T 200LB6  | 72.0                                      |
|                                     | 49.5  | 19.7             | 4034.7                               | 2.0                        | P - 170 2 19.71   | T 200LB6  | 56.0                                      |
|                                     | 49.3  | 59.7             | 4010.0                               | 1.1                        | P L 115 3 59.7  | T 180M2   | 26.0                                      |
|                                     | 48.7  | 30.4             | 4056.9                               | 1.8                        | P L 125 3 30.4  | T 180L4   | 33.0                                      |
|                                     | 47.0  | 31.5             | 4251.2                               | 2.5                        | P - 190 2 31.52   | T 180L4   | 72.0                                      |
|                                     | 47.0  | 31.5             | 4251.3                               | 1.8                        | P - 170 2 31.52   | T 180L4   | 56.0                                      |
|                                     | 46.4  | 21.0             | 4298.9                               | 1.3                        | P - 150 2 21  | T 200LB6  | 38.0                                      |
|                                     | 46.3  | 63.5             | 4265.5                               | 1.6                        | P L 125 3 63.5  | T 180M2   | 33.0                                      |
|                                     | 46.1  | 32.1             | 4283.1                               | 2.5                        | P L 135 3 32.1  | T 180L4   | 40.0                                      |
|                                     | 46.1  | 32.1             | 4328.7                               | 1.2                        | P - 150 2 32.1  | T 180L4   | 38.0                                      |
|                                     | 46.1  | 32.1             | 4283.2                               | 1.0                        | P L 115 3 32.1  | T 180L4   | 26.0                                      |
|                                     | 45.9  | 64.1             | 4305.5                               | 1.0                        | P L 115 3 64.1  | T 180M2   | 26.0                                      |
|                                     | 45.4  | 21.5             | 4393.4                               | 2.6                        | P - 190 2 21.46   | T 200LB6  | 72.0                                      |
|                                     | 45.4  | 21.5             | 4393.4                               | 1.9                        | P - 170 2 21.46   | T 200LB6  | 56.0                                      |
|                                     | 45.2  | 65.1             | 4373.3                               | 2.2                        | P L 135 3 65.1  | T 180M2   | 40.0                                      |
|                                     | 44.7  | 21.8             | 4416.2                               | 2.3                        | P L 135 3 21.8  | T 200LB6  | 40.0                                      |
|                                     | 43.5  | 22.4             | 4537.0                               | 1.7                        | P L 125 3 22.4  | T 200LB6  | 33.0                                      |
|                                     | 42.8  | 22.8             | 4667.8                               | 1.2                        | P - 150 2 22.8  | T 200LB6  | 38.0                                      |
|                                     | 42.5  | 69.2             | 4648.0                               | 1.5                        | P L 125 3 69.2  | T 180M2   | 33.0                                      |
|                                     | 42.4  | 34.9             | 4709.7                               | 2.2                        | P - 190 2 34.92   | T 180L4   | 72.0                                      |
|                                     | 42.4  | 34.9             | 4709.6                               | 1.5                        | P - 170 2 34.92   | T 180L4   | 56.0                                      |
|                                     | 42.2  | 35.1             | 4733.0                               | 0.9                        | P - 150 2 35.1  | T 180L4   | 38.0                                      |
|                                     | 41.9  | 35.3             | 4710.1                               | 1.6                        | P L 125 3 35.3  | T 180L4   | 33.0                                      |
|                                     | 41.5  | 23.5             | 4808.3                               | 2.4                        | P - 190 2 23.49   | T 200LB6  | 72.0                                      |
|                                     | 41.5  | 23.5             | 4808.3                               | 1.7                        | P - 170 2 23.49   | T 200LB6  | 56.0                                      |
|                                     | 40.8  | 23.9             | 4841.7                               | 1.6                        | P L 125 3 23.9  | T 200LB6  | 33.0                                      |
|                                     | 39.8  | 73.8             | 4957.2                               | 0.9                        | P L 115 3 73.8  | T 180M2   | 26.0                                      |
|                                     | 39.1  | 37.9             | 5057.5                               | 0.9                        | P L 115 3 37.9  | T 180L4   | 26.0                                      |
|                                     | 39.0  | 25.0             | 5117.9                               | 1.1                        | P - 150 2 25  | T 200LB6  | 38.0                                      |
|                                     | 38.8  | 75.7             | 5084.7                               | 1.3                        | P L 125 3 75.7  | T 180M2   | 33.0                                      |
|                                     | 38.2  | 38.7             | 5164.6                               | 1.9                        | P L 135 3 38.7  | T 180L4   | 40.0                                      |
|                                     | 38.2  | 38.7             | 5219.6                               | 0.8                        | P - 150 2 38.7  | T 180L4   | 38.0                                      |
|                                     | 37.9  | 77.6             | 5212.4                               | 1.8                        | P L 135 3 77.6  | T 180M2   | 40.0                                      |
|                                     | 37.7  | 25.9             | 5291.5                               | 2.2                        | P - 190 2 25.85   | T 200LB6  | 72.0                                      |
|                                     | 37.7  | 25.9             | 5291.4                               | 1.5                        | P - 170 2 25.85   | T 200LB6  | 56.0                                      |
|                                     | 37.6  | 25.9             | 5246.9                               | 2.0                        | P L 135 3 25.9  | T 200LB6  | 40.0                                      |
|                                     | 36.8  | 40.2             | 5363.8                               | 1.4                        | P L 125 3 40.2  | T 180L4   | 33.0                                      |
|                                     | 36.5  | 40.6             | 5418.2                               | 0.9                        | P L 115 3 40.6  | T 180L4   | 26.0                                      |
|                                     | 36.3  | 81.0             | 5440.6                               | 1.2                        | P L 125 3 81  | T 180M2   | 33.0                                      |
|                                     | 36.3  | 26.9             | 5448.2                               | 0.8                        | P L 115 3 26.9  | T 200LB6  | 26.0                                      |
|                                     | 36.2  | 81.3             | 5461.8                               | 0.8                        | P L 115 3 81.3  | T 180M2   | 26.0                                      |
|                                     | 35.5  | 27.5             | 5630.2                               | 1.0                        | P - 150 2 27.5  | T 200LB6  | 38.0                                      |
|                                     | 35.1  | 27.8             | 5631.4                               | 1.4                        | P L 125 3 27.8  | T 200LB6  | 33.0                                      |
|                                     | 35.0  | 84.0             | 5642.7                               | 1.7                        | P L 135 3 84  | T 180M2   | 40.0                                      |
|                                     | 34.6  | 42.8             | 5711.2                               | 1.8                        | P L 135 3 42.8  | T 180L4   | 40.0                                      |
|                                     | 34.0  | 28.6             | 5863.5                               | 2.0                        | P - 190 2 28.64   | T 200LB6  | 72.0                                      |
|                                     | 34.0  | 28.6             | 5863.5                               | 1.4                        | P - 170 2 28.64   | T 200LB6  | 56.0                                      |
|                                     | 33.8  | 43.8             | 5844.8                               | 1.3                        | P L 125 3 43.8  | T 180L4   | 33.0                                      |
|                                     | 33.3  | 88.3             | 5930.7                               | 1.1                        | P L 125 3 88.3  | T 180M2   | 33.0                                      |
|                                     | 33.3  | 29.3             | 5997.5                               | 0.9                        | P - 150 2 29.3  | T 200LB6  | 38.0                                      |
|                                     | 33.1  | 29.5             | 5975.7                               | 1.8                        | P L 135 3 29.5  | T 200LB6  | 40.0                                      |

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)



روبروی پالایشگاه نفت پارس، پلاک ۱۲



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU          | P <sub>tn</sub><br>Thermal capacity<br>kW |      |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|-----------------|-----------------|---|------|
| 22                                  | 32.5  | 45.5             | 6071.0                                | 0.8                        | P L 115 3 45.5  | T 180L4         | 26.0                                      |      |
|                                     | 32.2  | 91.4             | 6139.1                                | 1.5                        | P L 135 3 91.4  | T 180M2         | 40.0                                      |      |
|                                     | 32.1  | 30.4             | 6158.3                                | 1.3                        | P L 125 3 30.4  | T 200LB6        | 33.0                                      |      |
|                                     | 31.7  | 46.7             | 6232.1                                | 1.7                        | P L 135 3 46.7  | T 180L4         | 40.0                                      |      |
|                                     | 30.9  | 31.5             | 6453.0                                | 1.8                        | P - 190 2 31.52 | T 200LB6        | 72.0                                      |      |
|                                     | 30.9  | 31.5             | 6453.2                                | 1.3                        | P - 170 2 31.52 | T 200LB6        | 56.0                                      |      |
|                                     | 30.4  | 32.1             | 6502.9                                | 1.8                        | P L 135 3 32.1  | T 200LB6        | 40.0                                      |      |
|                                     | 30.4  | 32.1             | 6572.2                                | 0.8                        | P - 150 2 32.1  | T 200LB6        | 38.0                                      |      |
|                                     | 30.1  | 97.6             | 6556.9                                | 1.0                        | P L 125 3 97.6  | T 180M2         | 33.0                                      |      |
|                                     | 29.4  | 100.1            | 6724.2                                | 1.4                        | P L 135 3 100.1 | T 180M2         | 40.0                                      |      |
|                                     | 29.2  | 50.7             | 6765.9                                | 1.6                        | P L 135 3 50.7  | T 180L4         | 40.0                                      |      |
|                                     | 28.9  | 51.3             | 6845.6                                | 1.1                        | P L 125 3 51.3  | T 180L4         | 33.0                                      |      |
|                                     | 27.9  | 34.9             | 7148.9                                | 1.6                        | P - 190 2 34.92 | T 200LB6        | 72.0                                      |      |
|                                     | 27.9  | 34.9             | 7148.8                                | 1.1                        | P - 170 2 34.92 | T 200LB6        | 56.0                                      |      |
|                                     | 27.7  | 106.2            | 7135.0                                | 0.9                        | P L 125 3 106.2 | T 180M2         | 33.0                                      |      |
|                                     | 27.6  | 35.3             | 7150.4                                | 1.1                        | P L 125 3 35.3  | T 200LB6        | 33.0                                      |      |
|                                     | 26.7  | 110.1            | 7396.7                                | 1.3                        | P L 135 3 110.1 | T 180M2         | 40.0                                      |      |
|                                     | 25.9  | 57.2             | 7633.9                                | 1.0                        | P L 125 3 57.2  | T 180L4         | 33.0                                      |      |
|                                     | 25.6  | 57.8             | 7711.6                                | 1.4                        | P L 135 3 57.8  | T 180L4         | 40.0                                      |      |
|                                     | 25.3  | 116.3            | 7812.1                                | 0.9                        | P L 125 3 116.3 | T 180M2         | 33.0                                      |      |
|                                     | 25.2  | 38.7             | 7840.2                                | 1.4                        | P L 135 3 38.7  | T 200LB6        | 40.0                                      |      |
|                                     | 24.3  | 40.2             | 8144.0                                | 1.0                        | P L 125 3 40.2  | T 200LB6        | 33.0                                      |      |
|                                     | 24.1  | 121.8            | 8181.2                                | 1.2                        | P L 135 3 121.8 | T 180M2         | 40.0                                      |      |
|                                     | 23.3  | 63.5             | 8472.4                                | 0.9                        | P L 125 3 63.5  | T 180L4         | 33.0                                      |      |
|                                     | 22.8  | 42.8             | 8669.7                                | 1.3                        | P L 135 3 42.8  | T 200LB6        | 40.0                                      |      |
|                                     | 22.7  | 65.1             | 8688.8                                | 1.2                        | P L 135 3 65.1  | T 180L4         | 40.0                                      |      |
|                                     | 22.3  | 43.8             | 8872.4                                | 0.9                        | P L 125 3 43.8  | T 200LB6        | 33.0                                      |      |
|                                     | 21.9  | 134.1            | 9009.8                                | 1.0                        | P L 135 3 134.1 | T 180M2         | 40.0                                      |      |
|                                     | 21.4  | 69.2             | 9232.8                                | 0.8                        | P L 125 3 69.2  | T 180L4         | 33.0                                      |      |
|                                     | 21.0  | 140.1            | 9408.9                                | 1.0                        | P L 135 3 140.1 | T 180M2         | 40.0                                      |      |
|                                     | 20.9  | 46.7             | 9458.4                                | 1.2                        | P L 135 3 46.7  | T 200LB6        | 40.0                                      |      |
|                                     | 19.2  | 50.7             | 10270.1                               | 1.1                        | P L 135 3 50.7  | T 200LB6        | 40.0                                      |      |
|                                     | 19.2  | 153.3            | 10296.7                               | 0.9                        | P L 135 3 153.3 | T 180M2         | 40.0                                      |      |
|                                     | 19.1  | 77.6             | 10356.4                               | 1.0                        | P L 135 3 77.6  | T 180L4         | 40.0                                      |      |
|                                     | 17.6  | 84.0             | 11208.7                               | 0.9                        | P L 135 3 84    | T 180L4         | 40.0                                      |      |
|                                     | 17.4  | 168.7            | 11330.9                               | 0.8                        | P L 135 3 168.7 | T 180M2         | 40.0                                      |      |
|                                     | 16.9  | 57.8             | 11707.1                               | 1.0                        | P L 135 3 57.8  | T 200LB6        | 40.0                                      |      |
|                                     | 16.2  | 91.4             | 12198.3                               | 0.9                        | P L 135 3 91.4  | T 180L4         | 40.0                                      |      |
|                                     | 16.1  | 182.2            | 11715.7                               | 1.0                        | P E 190 182.17  | T 180M2         | 27.0                                      |      |
|                                     | 15.0  | 65.1             | 13184.1                               | 0.9                        | P L 135 3 65.1  | T 200LB6        | 40.0                                      |      |
|                                     | 14.0  | 210.7            | 13554.8                               | 0.8                        | P E 190 210.74  | T 180M2         | 27.0                                      |      |
|                                     | 30  | 545.4            | 5.4                                   | 499.1                      | 1.8             | P - 125 2 5.4   | T 200LA2                                  | 21.0 |
|                                     |   | 453.1            | 6.5                                   | 600.7                      | 1.8             | P - 125 2 6.5   | T 200LA2                                  | 21.0 |
|                                     |   | 359.2            | 8.2                                   | 757.8                      | 1.8             | P - 125 2 8.2   | T 200LA2                                  | 21.0 |
|                                     |   | 297.5            | 9.9                                   | 915.0                      | 1.6             | P - 125 2 9.9   | T 200LA2                                  | 21.0 |
|                                     |   | 270.4            | 5.4                                   | 1006.7                     | 1.0             | P - 125 2 5.4   | T 200L4                                   | 21.0 |
|                                     |   | 257.4            | 11.4                                  | 1057.3                     | 2.6             | P - 132 2 11.44 | T 200LA2                                  | 30.0 |
| 256.6                               |   | 5.7              | 1060.7                                | 2.6                        | P - 132 2 5.69  | T 200L4         | 30.0                                      |      |
| 235.6                               |   | 12.5             | 1155.2                                | 1.4                        | P - 125 2 12.5  | T 200LA2        | 21.0                                      |      |
| 234.4                               |   | 6.2              | 1161.4                                | 2.6                        | P - 132 2 6.23  | T 200L4         | 30.0                                      |      |
| 225.0                               |   | 13.1             | 1209.8                                | 2.5                        | P - 132 2 13.09 | T 200LA2        | 30.0                                      |      |
| 224.6                               |   | 6.5              | 1211.7                                | 1.0                        | P - 125 2 6.5   | T 200L4         | 21.0                                      |      |
| 212.8                               |   | 6.9              | 1278.8                                | 2.5                        | P - 132 2 6.86  | T 200L4         | 30.0                                      |      |
| 205.5                               |   | 14.3             | 1324.4                                | 2.4                        | P - 132 2 14.33 | T 200LA2        | 30.0                                      |      |
| 195.0                               |   | 15.1             | 1395.5                                | 1.2                        | P - 125 2 15.1  | T 200LA2        | 21.0                                      |      |
| 192.1                               |   | 7.6              | 1416.8                                | 2.1                        | P - 132 2 7.6   | T 200L4         | 30.0                                      |      |
| 186.8                               |   | 15.8             | 1457.4                                | 2.2                        | P - 132 2 15.77 | T 200LA2        | 30.0                                      |      |
| 178.1                               |   | 8.2              | 1528.6                                | 1.0                        | P - 125 2 8.2   | T 200L4         | 21.0                                      |      |
| 170.4                               |   | 8.6              | 1597.6                                | 1.9                        | P - 132 2 8.57  | T 200L4         | 30.0                                      |      |
| 168.6                               |   | 17.5             | 1614.6                                | 1.8                        | P - 132 2 17.47 | T 200LA2        | 30.0                                      |      |
| 155.7                               |   | 18.9             | 1748.5                                | 1.5                        | P - 132 2 18.92 | T 200LA2        | 30.0                                      |      |
| 155.7                               |   | 9.4              | 1748.6                                | 1.7                        | P - 132 2 9.38  | T 200L4         | 30.0                                      |      |
| 153.4                               |   | 19.2             | 1774.4                                | 2.6                        | P - 150 2 19.2  | T 200LA2        | 38.0                                      |      |
| 148.0                               |   | 19.9             | 1839.2                                | 1.0                        | P - 125 2 19.9  | T 200LA2        | 21.0                                      |      |
| 147.5                               |   | 9.9              | 1845.7                                | 0.9                        | P - 125 2 9.9   | T 200L4         | 21.0                                      |      |
| 144.6                               |   | 10.1             | 1882.9                                | 2.7                        | P - 150 2 10.1  | T 200L4         | 38.0                                      |      |
| 141.5                               |   | 10.3             | 1923.9                                | 1.7                        | P - 132 2 10.32 | T 200L4         | 30.0                                      |      |
| 141.4                               |   | 20.8             | 1925.1                                | 1.4                        | P - 132 2 20.83 | T 200LA2        | 30.0                                      |      |
| 140.2                               |   | 21.0             | 1940.8                                | 2.4                        | P - 150 2 21    | T 200LA2        | 38.0                                      |      |
| 129.2                               |   | 22.8             | 2107.1                                | 2.2                        | P - 150 2 22.8  | T 200LA2        | 38.0                                      |      |
| 128.1                               |   | 11.4             | 2125.2                                | 2.4                        | P - 150 2 11.4  | T 200L4         | 38.0                                      |      |
| 127.7                               |   | 23.1             | 2132.2                                | 1.3                        | P - 132 2 23.07 | T 200LA2        | 30.0                                      |      |
| 127.6                               |   | 11.4             | 2132.7                                | 1.4                        | P - 132 2 11.44 | T 200L4         | 30.0                                      |      |
| 123.2                               |   | 23.9             | 2185.6                                | 2.9                        | P L 125 3 23.9  | T 200LA2        | 33.0                                      |      |
| 117.8                               |   | 25.0             | 2310.5                                | 2.0                        | P - 150 2 25    | T 200LA2        | 38.0                                      |      |
| 117.7                               |   | 12.4             | 2311.7                                | 2.2                        | P - 150 2 12.4  | T 200L4         | 38.0                                      |      |
| 117.3                               |   | 25.1             | 2319.8                                | 0.8                        | P - 125 2 25.1  | T 200LA2        | 21.0                                      |      |
| 113.9                               |   | 25.9             | 2389.0                                | 2.8                        | P - 170 2 25.85 | T 200LA2        | 56.0                                      |      |
| 111.8                               |   | 26.4             | 2435.4                                | 1.1                        | P - 132 2 26.35 | T 200LA2        | 30.0                                      |      |
| 111.5                               |   | 13.1             | 2440.2                                | 1.4                        | P - 132 2 13.09 | T 200L4         | 30.0                                      |      |
| 109.5                               |   | 26.9             | 2459.9                                | 1.5                        | P L 115 3 26.9  | T 200LA2        | 26.0                                      |      |
| 107.4                               |   | 13.6             | 2535.4                                | 2.1                        | P - 150 2 13.6  | T 200L4         | 38.0                                      |      |
| 107.1                               |   | 27.5             | 2541.5                                | 1.8                        | P - 150 2 27.5  | T 200LA2        | 38.0                                      |      |
| 105.9                               |   | 27.8             | 2542.1                                | 2.5                        | P L 125 3 27.8  | T 200LA2        | 33.0                                      |      |
| 102.8                               |   | 28.6             | 2646.9                                | 2.6                        | P - 170 2 28.64 | T 200LA2        | 56.0                                      |      |
| 101.9                               |   | 14.3             | 2671.6                                | 1.3                        | P - 132 2 14.33 | T 200L4         | 30.0                                      |      |
| 101.6                               |   | 29.0             | 2680.2                                | 1.1                        | P - 132 2 29    | T 200LA2        | 30.0                                      |      |
| 100.5                               |   | 29.3             | 2708.0                                | 1.6                        | P - 150 2 29.3  | T 200LA2        | 38.0                                      |      |
| 100.4                               |   | 14.5             | 2710.6                                | 2.8                        | P - 170 2 14.54 | T 200L4         | 56.0                                      |      |
| 96.9                                |   | 30.4             | 2779.8                                | 2.4                        | P L 125 3 30.4  | T 200LA2        | 33.0                                      |      |
| 95.4                                |   | 15.3             | 2852.4                                | 1.8                        | P - 150 2 15.3  | T 200L4         | 38.0                                      |      |
| 93.4                                | 31.5  | 2913.1           | 2.3                                   | P - 170 2 31.52            | T 200LA2        | 56.0            |   |      |



HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 92.6                                | 15.8  | 2939.9           | 1.2                                   | P - 132 2 15.77            | T 200L4   | 30.0  |   |
| 91.7                                | 32.1  | 2966.8           | 1.5                                   | P - 150 2 32.1             | T 200LA2  | 38.0  |   |
| 91.7                                | 32.1  | 2935.6           | 1.3                                   | P L 115 3 32.1             | T 200LA2  | 26.0  |   |
| 91.7                                | 32.1  | 2969.4           | 1.0                                   | P - 132 2 32.13            | T 200LA2  | 30.0  |   |
| 88.3                                | 16.5  | 3083.4           | 2.4                                   | P - 170 2 16.54            | T 200L4   | 56.0  |   |
| 87.8                                | 33.6  | 3100.6           | 0.8                                   | P - 132 2 33.55            | T 200LA2  | 30.0  |   |
| 87.4                                | 16.7  | 3113.1           | 1.7                                   | P - 150 2 16.7             | T 200L4   | 38.0  |   |
| 84.3                                | 34.9  | 3227.1           | 2.9                                   | P - 190 2 34.92            | T 200LA2  | 72.0  |   |
| 84.3                                | 34.9  | 3227.1           | 2.0                                   | P - 170 2 34.92            | T 200LA2  | 56.0  |   |
| 83.9                                | 35.1  | 3244.0           | 1.2                                   | P - 150 2 35.1             | T 200LA2  | 38.0  |   |
| 83.6                                | 17.5  | 3256.9           | 1.0                                   | P - 132 2 17.47            | T 200L4   | 30.0  |   |
| 83.4                                | 35.3  | 3228.0           | 2.1                                   | P L 125 3 35.3             | T 200LA2  | 33.0  |   |
| 81.1                                | 18.0  | 3357.3           | 2.2                                   | P - 170 2 18.01            | T 200L4   | 56.0  |   |
| 77.7                                | 37.9  | 3466.0           | 1.1                                   | P L 115 3 37.9             | T 200LA2  | 26.0  |   |
| 77.2                                | 18.9  | 3526.9           | 0.9                                   | P - 132 2 18.92            | T 200L4   | 30.0  |   |
| 76.4                                | 19.1  | 3523.1           | 2.6                                   | P L 135 3 19.1             | T 200L4   | 40.0  |   |
| 76.1                                | 38.7  | 3538.9           | 2.5                                   | P L 135 3 38.7             | T 200LA2  | 40.0  |   |
| 76.1                                | 38.7  | 3576.5           | 1.1                                   | P - 150 2 38.7             | T 200LA2  | 38.0  |   |
| 76.0                                | 19.2  | 3579.4           | 1.5                                   | P - 150 2 19.2             | T 200L4   | 38.0  |   |
| 74.1                                | 19.7  | 3674.6           | 2.9                                   | P - 190 2 19.71            | T 200L4   | 72.0  |   |
| 74.1                                | 19.7  | 3674.5           | 2.0                                   | P - 170 2 19.71            | T 200L4   | 56.0  |   |
| 73.3                                | 40.2  | 3676.1           | 1.8                                   | P L 125 3 40.2             | T 200LA2  | 33.0  |   |
| 72.5                                | 40.6  | 3712.6           | 1.2                                   | P L 115 3 40.6             | T 200LA2  | 26.0  |   |
| 69.5                                | 21.0  | 3915.1           | 1.3                                   | P - 150 2 21               | T 200L4   | 38.0  |   |
| 68.8                                | 42.8  | 3913.8           | 2.4                                   | P L 135 3 42.8             | T 200LA2  | 40.0  |   |
| 68.8                                | 42.8  | 3955.4           | 1.0                                   | P - 150 2 42.8             | T 200LA2  | 38.0  |   |
| 68.0                                | 21.5  | 4000.8           | 2.6                                   | P - 190 2 21.46            | T 200L4   | 72.0  |   |
| 68.0                                | 21.5  | 4000.8           | 1.9                                   | P - 170 2 21.46            | T 200L4   | 56.0  |   |
| 67.2                                | 43.8  | 4005.2           | 1.7                                   | P L 125 3 43.8             | T 200LA2  | 33.0  |   |
| 67.0                                | 21.8  | 4021.3           | 2.4                                   | P L 135 3 21.8             | T 200L4   | 40.0  |   |
| 65.2                                | 22.4  | 4131.8           | 1.7                                   | P L 125 3 22.4             | T 200L4   | 33.0  |   |
| 64.7                                | 45.5  | 4160.5           | 1.1                                   | P L 115 3 45.5             | T 200LA2  | 26.0  |   |
| 64.0                                | 22.8  | 4250.1           | 1.2                                   | P - 150 2 22.8             | T 200L4   | 38.0  |   |
| 63.1                                | 46.7  | 4270.7           | 2.2                                   | P L 135 3 46.7             | T 200LA2  | 40.0  |   |
| 62.3                                | 47.3  | 4371.5           | 0.8                                   | P - 150 2 47.3             | T 200LA2  | 38.0  |   |
| 62.2                                | 23.5  | 4379.3           | 2.4                                   | P - 190 2 23.49            | T 200L4   | 72.0  |   |
| 62.2                                | 23.5  | 4379.3           | 1.7                                   | P - 170 2 23.49            | T 200L4   | 56.0  |   |
| 61.1                                | 23.9  | 4408.4           | 1.6                                   | P L 125 3 23.9             | T 200L4   | 33.0  |   |
| 59.3                                | 49.7  | 4544.5           | 1.0                                   | P L 115 3 49.7             | T 200LA2  | 26.0  |   |
| 58.4                                | 25.0  | 4660.5           | 1.1                                   | P - 150 2 25               | T 200L4   | 38.0  |   |
| 58.1                                | 50.7  | 4636.1           | 2.0                                   | P L 135 3 50.7             | T 200LA2  | 40.0  |   |
| 57.4                                | 51.3  | 4691.0           | 1.4                                   | P L 125 3 51.3             | T 200LA2  | 33.0  |   |
| 56.5                                | 25.9  | 4818.9           | 2.2                                   | P - 190 2 25.85            | T 200L4   | 72.0  |   |
| 56.5                                | 25.9  | 4818.9           | 1.6                                   | P - 170 2 25.85            | T 200L4   | 56.0  |   |
| 56.4                                | 25.9  | 4777.5           | 2.1                                   | P L 135 3 25.9             | T 200L4   | 40.0  |   |
| 54.3                                | 26.9  | 4961.4           | 0.8                                   | P L 115 3 26.9             | T 200L4   | 26.0  |   |
| 54.2                                | 54.3  | 4965.2           | 0.9                                   | P L 115 3 54.3             | T 200LA2  | 26.0  |   |
| 53.1                                | 27.5  | 5126.7           | 1.0                                   | P - 150 2 27.5             | T 200L4   | 38.0  |   |
| 52.5                                | 27.8  | 5127.7           | 1.4                                   | P L 125 3 27.8             | T 200L4   | 33.0  |   |
| 51.5                                | 57.2  | 5230.4           | 1.3                                   | P L 125 3 57.2             | T 200LA2  | 33.0  |   |
| 51.0                                | 28.6  | 5338.9           | 2.0                                   | P - 190 2 28.64            | T 200L4   | 72.0  |   |
| 51.0                                | 28.6  | 5338.8           | 1.4                                   | P - 170 2 28.64            | T 200L4   | 56.0  |   |
| 51.0                                | 57.8  | 5285.7           | 1.8                                   | P L 135 3 57.8             | T 200LA2  | 40.0  |   |
| 49.8                                | 29.3  | 5462.2           | 0.9                                   | P - 150 2 29.3             | T 200L4   | 38.0  |   |
| 49.5                                | 29.5  | 5441.7           | 1.8                                   | P L 135 3 29.5             | T 200L4   | 40.0  |   |
| 49.3                                | 59.7  | 5459.4           | 0.8                                   | P L 115 3 59.7             | T 200LA2  | 26.0  |   |
| 48.0                                | 30.4  | 5607.1           | 1.3                                   | P L 125 3 30.4             | T 200L4   | 33.0  |   |
| 46.4                                | 63.5  | 5806.6           | 1.2                                   | P L 125 3 63.5             | T 200LA2  | 33.0  |   |
| 46.3                                | 31.5  | 5876.0           | 1.8                                   | P - 190 2 31.52            | T 200L4   | 72.0  |   |
| 46.3                                | 31.5  | 5875.9           | 1.3                                   | P - 170 2 31.52            | T 200L4   | 56.0  |   |
| 45.5                                | 32.1  | 5921.5           | 1.8                                   | P L 135 3 32.1             | T 200L4   | 40.0  |   |
| 45.5                                | 32.1  | 5984.4           | 0.8                                   | P - 150 2 32.1             | T 200L4   | 38.0  |   |
| 45.2                                | 65.1  | 5952.9           | 1.6                                   | P L 135 3 65.1             | T 200LA2  | 40.0  |   |
| 42.6                                | 69.2  | 6327.7           | 1.1                                   | P L 125 3 69.2             | T 200LA2  | 33.0  |   |
| 41.8                                | 34.9  | 6509.7           | 1.6                                   | P - 190 2 34.92            | T 200L4   | 72.0  |   |
| 41.8                                | 34.9  | 6509.8           | 1.1                                   | P - 170 2 34.92            | T 200L4   | 56.0  |   |
| 41.4                                | 35.3  | 6511.4           | 1.2                                   | P L 125 3 35.3             | T 200L4   | 33.0  |   |
| 38.9                                | 75.7  | 6923.1           | 1.0                                   | P L 125 3 75.7             | T 200LA2  | 33.0  |   |
| 38.0                                | 77.6  | 7096.4           | 1.3                                   | P L 135 3 77.6             | T 200LA2  | 40.0  |   |
| 37.7                                | 38.7  | 7137.8           | 1.4                                   | P L 135 3 38.7             | T 200L4   | 40.0  |   |
| 36.4                                | 81.0  | 7406.7           | 0.9                                   | P L 125 3 81               | T 200LA2  | 33.0  |   |
| 36.3                                | 40.2  | 7415.0           | 1.0                                   | P L 125 3 40.2             | T 200L4   | 33.0  |   |
| 35.1                                | 84.0  | 7681.5           | 1.2                                   | P L 135 3 84               | T 200LA2  | 40.0  |   |
| 34.1                                | 42.8  | 7895.3           | 1.3                                   | P L 135 3 42.8             | T 200L4   | 40.0  |   |
| 33.4                                | 88.3  | 8075.1           | 0.8                                   | P L 125 3 88.3             | T 200LA2  | 33.0  |   |
| 33.3                                | 43.8  | 8080.2           | 0.9                                   | P L 125 3 43.8             | T 200L4   | 33.0  |   |
| 32.2                                | 91.4  | 8358.4           | 1.1                                   | P L 135 3 91.4             | T 200LA2  | 40.0  |   |
| 31.3                                | 46.7  | 8615.3           | 1.2                                   | P L 135 3 46.7             | T 200L4   | 40.0  |   |
| 29.4                                | 100.1   | 9154.0           | 1.0                                   | P L 135 3 100.1            | T 200LA2  | 40.0  |   |
| 28.8                                | 50.7  | 9351.1           | 1.1                                   | P L 135 3 50.7             | T 200L4   | 40.0  |   |
| 26.8                                | 110.1   | 10067.8          | 0.9                                   | P L 135 3 110.1            | T 200LA2  | 40.0  |   |
| 25.3                                | 57.8  | 10661.3          | 1.0                                   | P L 135 3 57.8             | T 200L4   | 40.0  |   |
| 24.2                                | 121.8   | 11137.7          | 0.8                                   | P L 135 3 121.8            | T 200LA2  | 40.0  |   |
| 22.4                                | 65.1  | 12006.9          | 0.9                                   | P L 135 3 65.1             | T 200L4   | 40.0  |   |

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| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR       | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|----------------|--------|---|
| 548.2                               | 5.4   | 612.4            | 1.5                                   | P - 125 2 5.4              | VL2 IE2 200L22 | 21.0   |   |
| 455.4                               | 6.5   | 737.1            | 1.5                                   | P - 125 2 6.5              | VL2 IE2 200L22 | 21.0   |   |
| 361.0                               | 8.2   | 929.9            | 1.5                                   | P - 125 2 8.2              | VL2 IE2 200L22 | 21.0   |   |
| 345.4                               | 8.6   | 971.9            | 2.8                                   | P - 132 2 8.57             | VL2 IE2 200L22 | 30.0   |   |
| 315.6                               | 9.4   | 1063.7           | 2.5                                   | P - 132 2 9.38             | VL2 IE2 200L22 | 30.0   |   |
| 299.0                               | 9.9   | 1122.7           | 1.3                                   | P - 125 2 9.9              | VL2 IE2 200L22 | 21.0   |   |
| 286.8                               | 10.3  | 1170.4           | 2.5                                   | P - 132 2 10.32            | VL2 IE2 200L22 | 30.0   |   |
| 258.7                               | 11.4  | 1297.4           | 2.1                                   | P - 132 2 11.44            | VL2 IE2 200L22 | 30.0   |   |
| 236.8                               | 12.5  | 1417.6           | 1.1                                   | P - 125 2 12.5             | VL2 IE2 200L22 | 21.0   |   |
| 226.1                               | 13.1  | 1484.5           | 2.0                                   | P - 132 2 13.09            | VL2 IE2 200L22 | 30.0   |   |
| 206.6                               | 14.3  | 1625.1           | 1.9                                   | P - 132 2 14.33            | VL2 IE2 200L22 | 30.0   |   |
| 196.0                               | 15.1  | 1712.4           | 1.0                                   | P - 125 2 15.1             | VL2 IE2 200L22 | 21.0   |   |
| 193.5                               | 15.3  | 1735.2           | 2.7                                   | P - 150 2 15.3             | VL2 IE2 200L22 | 38.0   |   |
| 187.7                               | 15.8  | 1788.4           | 1.8                                   | P - 132 2 15.77            | VL2 IE2 200L22 | 30.0   |   |
| 177.3                               | 16.7  | 1893.8           | 2.5                                   | P - 150 2 16.7             | VL2 IE2 200L22 | 38.0   |   |
| 176.2                               | 8.4   | 1905.2           | 2.6                                   | P - 150 2 8.4              | VL2 IE2 225S4  | 38.0   |   |
| 169.4                               | 17.5  | 1981.3           | 1.5                                   | P - 132 2 17.47            | VL2 IE2 200L22 | 30.0   |   |
| 160.9                               | 9.2   | 2086.7           | 2.5                                   | P - 150 2 9.2              | VL2 IE2 225S4  | 38.0   |   |
| 156.5                               | 18.9  | 2145.6           | 1.3                                   | P - 132 2 18.92            | VL2 IE2 200L22 | 30.0   |   |
| 154.2                               | 19.2  | 2177.3           | 2.1                                   | P - 150 2 19.2             | VL2 IE2 200L22 | 38.0   |   |
| 146.5                               | 10.1  | 2290.9           | 2.2                                   | P - 150 2 10.1             | VL2 IE2 225S4  | 38.0   |   |
| 142.1                               | 20.8  | 2362.3           | 1.1                                   | P - 132 2 20.83            | VL2 IE2 200L22 | 30.0   |   |
| 141.0                               | 21.0  | 2381.6           | 2.0                                   | P - 150 2 21               | VL2 IE2 200L22 | 38.0   |   |
| 137.9                               | 21.5  | 2433.7           | 2.8                                   | P - 170 2 21.46            | VL2 IE2 200L22 | 56.0   |   |
| 132.5                               | 11.2  | 2533.5           | 3.0                                   | P - 170 2 11.17            | VL2 IE2 225S4  | 56.0   |   |
| 132.1                               | 22.4  | 2513.6           | 2.5                                   | P L 125 3 22.4             | VL2 IE2 200L22 | 33.0   |   |
| 129.8                               | 11.4  | 2585.7           | 2.0                                   | P - 150 2 11.4             | VL2 IE2 225S4  | 38.0   |   |
| 129.8                               | 22.8  | 2585.8           | 1.8                                   | P - 150 2 22.8             | VL2 IE2 200L22 | 38.0   |   |
| 128.3                               | 23.1  | 2616.2           | 1.0                                   | P - 132 2 23.07            | VL2 IE2 200L22 | 30.0   |   |
| 126.0                               | 23.5  | 2663.9           | 2.5                                   | P - 170 2 23.49            | VL2 IE2 200L22 | 56.0   |   |
| 123.9                               | 23.9  | 2681.9           | 2.3                                   | P L 125 3 23.9             | VL2 IE2 200L22 | 33.0   |   |
| 121.3                               | 12.2  | 2767.2           | 2.6                                   | P - 170 2 12.2             | VL2 IE2 225S4  | 56.0   |   |
| 119.8                               | 8.2   | 2802.0           | 2.9                                   | P - 170 2 8.18             | VL2 IE2 250M6  | 56.0   |   |
| 119.4                               | 12.4  | 2812.6           | 1.8                                   | P - 150 2 12.4             | VL2 IE2 225S4  | 38.0   |   |
| 118.4                               | 25.0  | 2835.2           | 1.7                                   | P - 150 2 25               | VL2 IE2 200L22 | 38.0   |   |
| 114.5                               | 25.9  | 2931.5           | 2.3                                   | P - 170 2 25.85            | VL2 IE2 200L22 | 56.0   |   |
| 112.3                               | 26.4  | 2988.3           | 0.9                                   | P - 132 2 26.35            | VL2 IE2 200L22 | 30.0   |   |
| 111.4                               | 13.3  | 3014.4           | 2.5                                   | P - 170 2 13.29            | VL2 IE2 225S4  | 56.0   |   |
| 110.0                               | 26.9  | 3018.5           | 1.3                                   | P L 115 3 26.9             | VL2 IE2 200L22 | 26.0   |   |
| 108.8                               | 13.6  | 3084.8           | 1.7                                   | P - 150 2 13.6             | VL2 IE2 225S4  | 38.0   |   |
| 107.6                               | 27.5  | 3118.5           | 1.5                                   | P - 150 2 27.5             | VL2 IE2 200L22 | 38.0   |   |
| 106.5                               | 27.8  | 3119.6           | 2.1                                   | P L 125 3 27.8             | VL2 IE2 200L22 | 33.0   |   |
| 104.6                               | 9.4   | 3209.5           | 2.5                                   | P - 170 2 9.37             | VL2 IE2 250M6  | 56.0   |   |
| 103.4                               | 28.6  | 3248.0           | 2.9                                   | P - 190 2 28.64            | VL2 IE2 200L22 | 72.0   |   |
| 103.4                               | 28.6  | 3248.0           | 2.1                                   | P - 170 2 28.64            | VL2 IE2 200L22 | 56.0   |   |
| 102.1                               | 29.0  | 3288.8           | 0.9                                   | P - 132 2 29               | VL2 IE2 200L22 | 30.0   |   |
| 101.8                               | 14.5  | 3297.8           | 2.3                                   | P - 170 2 14.54            | VL2 IE2 225S4  | 56.0   |   |
| 101.0                               | 29.3  | 3322.9           | 1.3                                   | P - 150 2 29.3             | VL2 IE2 200L22 | 38.0   |   |
| 100.3                               | 29.5  | 3310.2           | 2.7                                   | P L 135 3 29.5             | VL2 IE2 200L22 | 40.0   |   |
| 97.4                                | 30.4  | 3411.2           | 2.0                                   | P L 125 3 30.4             | VL2 IE2 200L22 | 33.0   |   |
| 96.7                                | 15.3  | 3470.3           | 1.5                                   | P - 150 2 15.3             | VL2 IE2 225S4  | 38.0   |   |
| 96.1                                | 10.2  | 3493.8           | 2.3                                   | P - 170 2 10.2             | VL2 IE2 250M6  | 56.0   |   |
| 93.9                                | 31.5  | 3574.5           | 2.6                                   | P - 190 2 31.52            | VL2 IE2 200L22 | 72.0   |   |
| 93.9                                | 31.5  | 3574.5           | 1.9                                   | P - 170 2 31.52            | VL2 IE2 200L22 | 56.0   |   |
| 92.2                                | 32.1  | 3602.1           | 2.6                                   | P L 135 3 32.1             | VL2 IE2 200L22 | 40.0   |   |
| 92.2                                | 32.1  | 3640.4           | 1.2                                   | P - 150 2 32.1             | VL2 IE2 200L22 | 38.0   |   |
| 92.2                                | 32.1  | 3602.1           | 1.1                                   | P L 115 3 32.1             | VL2 IE2 200L22 | 26.0   |   |
| 89.5                                | 16.5  | 3751.5           | 2.8                                   | P - 190 2 16.54            | VL2 IE2 225S4  | 72.0   |   |
| 89.5                                | 16.5  | 3751.5           | 2.0                                   | P - 170 2 16.54            | VL2 IE2 225S4  | 56.0   |   |
| 88.6                                | 16.7  | 3787.9           | 1.4                                   | P - 150 2 16.7             | VL2 IE2 225S4  | 38.0   |   |
| 87.7                                | 11.2  | 3825.9           | 3.0                                   | P - 190 2 11.17            | VL2 IE2 250M6  | 72.0   |   |
| 87.7                                | 11.2  | 3825.9           | 2.1                                   | P - 170 2 11.17            | VL2 IE2 250M6  | 56.0   |   |
| 84.8                                | 34.9  | 3959.9           | 2.4                                   | P - 190 2 34.92            | VL2 IE2 200L22 | 72.0   |   |
| 84.8                                | 34.9  | 3959.9           | 1.6                                   | P - 170 2 34.92            | VL2 IE2 200L22 | 56.0   |   |
| 84.3                                | 35.1  | 3980.5           | 1.0                                   | P - 150 2 35.1             | VL2 IE2 200L22 | 38.0   |   |
| 83.9                                | 35.3  | 3961.2           | 1.7                                   | P L 125 3 35.3             | VL2 IE2 200L22 | 33.0   |   |
| 82.2                                | 18.0  | 4084.7           | 2.6                                   | P - 190 2 18.01            | VL2 IE2 225S4  | 72.0   |   |
| 82.2                                | 18.0  | 4084.7           | 1.8                                   | P - 170 2 18.01            | VL2 IE2 225S4  | 56.0   |   |
| 80.3                                | 12.2  | 4178.8           | 2.7                                   | P - 190 2 12.2             | VL2 IE2 250M6  | 72.0   |   |
| 80.3                                | 12.2  | 4178.8           | 1.9                                   | P - 170 2 12.2             | VL2 IE2 250M6  | 56.0   |   |
| 78.1                                | 37.9  | 4252.9           | 0.9                                   | P L 115 3 37.9             | VL2 IE2 200L22 | 26.0   |   |
| 77.5                                | 19.1  | 4286.3           | 2.1                                   | P L 135 3 19.1             | VL2 IE2 225S4  | 40.0   |   |
| 77.1                                | 19.2  | 4355.0           | 1.2                                   | P - 150 2 19.2             | VL2 IE2 225S4  | 38.0   |   |
| 76.5                                | 38.7  | 4342.4           | 2.1                                   | P L 135 3 38.7             | VL2 IE2 200L22 | 40.0   |   |
| 76.5                                | 38.7  | 4388.6           | 0.9                                   | P - 150 2 38.7             | VL2 IE2 200L22 | 38.0   |   |
| 75.1                                | 19.7  | 4470.4           | 2.3                                   | P - 190 2 19.71            | VL2 IE2 225S4  | 72.0   |   |
| 75.1                                | 19.7  | 4470.4           | 1.7                                   | P - 170 2 19.71            | VL2 IE2 225S4  | 56.0   |   |
| 73.7                                | 13.3  | 4552.2           | 2.5                                   | P - 190 2 13.29            | VL2 IE2 250M6  | 72.0   |   |
| 73.7                                | 13.3  | 4552.3           | 1.8                                   | P - 170 2 13.29            | VL2 IE2 250M6  | 56.0   |   |
| 73.6                                | 40.2  | 4511.1           | 1.5                                   | P L 125 3 40.2             | VL2 IE2 200L22 | 33.0   |   |
| 72.9                                | 40.6  | 4555.7           | 1.0                                   | P L 115 3 40.6             | VL2 IE2 200L22 | 26.0   |   |
| 70.5                                | 21.0  | 4762.8           | 1.1                                   | P - 150 2 21               | VL2 IE2 225S4  | 38.0   |   |
| 69.2                                | 42.8  | 4802.6           | 2.0                                   | P L 135 3 42.8             | VL2 IE2 200L22 | 40.0   |   |
| 69.0                                | 21.5  | 4867.1           | 2.2                                   | P - 190 2 21.46            | VL2 IE2 225S4  | 72.0   |   |
| 69.0                                | 21.5  | 4867.1           | 1.5                                   | P - 170 2 21.46            | VL2 IE2 225S4  | 56.0   |   |
| 67.9                                | 21.8  | 4892.5           | 1.9                                   | P L 135 3 21.8             | VL2 IE2 225S4  | 40.0   |   |
| 67.6                                | 43.8  | 4914.9           | 1.4                                   | P L 125 3 43.8             | VL2 IE2 200L22 | 33.0   |   |
| 67.4                                | 14.5  | 4980.4           | 2.3                                   | P - 190 2 14.54            | VL2 IE2 250M6  | 72.0   |   |
| 67.4                                | 14.5  | 4980.5           | 1.6                                   | P - 170 2 14.54            | VL2 IE2 250M6  | 56.0   |   |
| 66.1                                | 22.4  | 5027.3           | 1.4                                   | P L 125 3 22.4             | VL2 IE2 225S4  | 33.0   |   |
| 65.1                                | 45.5  | 5106.1           | 0.9                                   | P L 115 3 45.5             | VL2 IE2 200L22 | 26.0   |   |
| 64.9                                | 22.8  | 5171.5           | 1.0                                   | P - 150 2 22.8             | VL2 IE2 225S4  | 38.0   |   |
| 63.4                                | 46.7  | 5240.6           | 1.8                                   | P L 135 3 46.7             | VL2 IE2 200L22 | 40.0   |   |
| 63.0                                | 23.5  | 5327.5           | 2.0                                   | P - 190 2 23.49            | VL2 IE2 225S4  | 72.0   |   |
| 63.0                                | 23.5  | 5327.4           | 1.4                                   | P - 170 2 23.49            | VL2 IE2 225S4  | 56.0   |   |

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CT17 IGBD 4.0



E157



**37.0**  
**kW**

HIGH TECH *line* Motion

**FAMCO**  
هایپر صنعت

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 37                                  | 61.9  | 23.9             | 5364.2                                | 1.3                        | P L 125 3 23.9  | VL2 IE2 225S4   | 33.0                                      |
|                                     | 59.3  | 16.5             | 5665.5                                | 2.0                        | P - 190 2 16.54   | VL2 IE2 250M6   | 72.0                                      |
|                                     | 59.3  | 16.5             | 5665.5                                | 1.4                        | P - 170 2 16.54   | VL2 IE2 250M6   | 56.0                                      |
|                                     | 59.2  | 25.0             | 5670.3                                | 0.9                        | P - 150 2 25  | VL2 IE2 225S4   | 38.0                                      |
|                                     | 58.4  | 50.7             | 5689.4                                | 1.7                        | P L 135 3 50.7  | VL2 IE2 200L22  | 40.0                                      |
|                                     | 57.7  | 51.3             | 5756.5                                | 1.2                        | P L 125 3 51.3  | VL2 IE2 200L22  | 33.0                                      |
|                                     | 57.3  | 25.9             | 5863.4                                | 1.8                        | P - 190 2 25.85   | VL2 IE2 225S4   | 72.0                                      |
|                                     | 57.3  | 25.9             | 5863.5                                | 1.3                        | P - 170 2 25.85   | VL2 IE2 225S4   | 56.0                                      |
|                                     | 57.1  | 25.9             | 5812.9                                | 1.7                        | P L 135 3 25.9  | VL2 IE2 225S4   | 40.0                                      |
|                                     | 54.4  | 18.0             | 6169.5                                | 1.9                        | P - 190 2 18.01   | VL2 IE2 250M6   | 72.0                                      |
|                                     | 54.4  | 18.0             | 6169.6                                | 1.3                        | P - 170 2 18.01   | VL2 IE2 250M6   | 56.0                                      |
|                                     | 53.8  | 27.5             | 6237.0                                | 0.8                        | P - 150 2 27.5  | VL2 IE2 225S4   | 38.0                                      |
|                                     | 53.2  | 27.8             | 6238.7                                | 1.2                        | P L 125 3 27.8  | VL2 IE2 225S4   | 33.0                                      |
|                                     | 51.8  | 57.2             | 6418.3                                | 1.1                        | P L 125 3 57.2  | VL2 IE2 200L22  | 33.0                                      |
|                                     | 51.7  | 28.6             | 6495.4                                | 1.6                        | P - 190 2 28.64   | VL2 IE2 225S4   | 72.0                                      |
|                                     | 51.7  | 28.6             | 6495.3                                | 1.2                        | P - 170 2 28.64   | VL2 IE2 225S4   | 56.0                                      |
|                                     | 51.2  | 57.8             | 6486.1                                | 1.5                        | P L 135 3 57.8  | VL2 IE2 200L22  | 40.0                                      |
|                                     | 50.2  | 29.5             | 6620.5                                | 1.5                        | P L 135 3 29.5  | VL2 IE2 225S4   | 40.0                                      |
|                                     | 49.7  | 19.7             | 6751.5                                | 1.7                        | P - 190 2 19.71   | VL2 IE2 250M6   | 72.0                                      |
|                                     | 49.7  | 19.7             | 6751.5                                | 1.2                        | P - 170 2 19.71   | VL2 IE2 250M6   | 56.0                                      |
|                                     | 48.7  | 30.4             | 6823.0                                | 1.1                        | P L 125 3 30.4  | VL2 IE2 225S4   | 33.0                                      |
|                                     | 47.0  | 31.5             | 7149.8                                | 1.5                        | P - 190 2 31.52   | VL2 IE2 225S4   | 72.0                                      |
|                                     | 47.0  | 31.5             | 7149.9                                | 1.0                        | P - 170 2 31.52   | VL2 IE2 225S4   | 56.0                                      |
|                                     | 46.6  | 63.5             | 7126.1                                | 0.9                        | P L 125 3 63.5  | VL2 IE2 200L22  | 33.0                                      |
|                                     | 46.1  | 32.1             | 7203.4                                | 1.5                        | P L 135 3 32.1  | VL2 IE2 225S4   | 40.0                                      |
|                                     | 45.7  | 21.5             | 7350.2                                | 1.6                        | P - 190 2 21.46   | VL2 IE2 250M6   | 72.0                                      |
|                                     | 45.7  | 21.5             | 7350.2                                | 1.1                        | P - 170 2 21.46   | VL2 IE2 250M6   | 56.0                                      |
|                                     | 45.5  | 65.1             | 7304.8                                | 1.3                        | P L 135 3 65.1  | VL2 IE2 200L22  | 40.0                                      |
|                                     | 42.8  | 69.2             | 7765.9                                | 0.9                        | P L 125 3 69.2  | VL2 IE2 200L22  | 33.0                                      |
|                                     | 42.4  | 34.9             | 7920.8                                | 1.3                        | P - 190 2 34.92   | VL2 IE2 225S4   | 72.0                                      |
|                                     | 42.4  | 34.9             | 7920.7                                | 0.9                        | P - 170 2 34.92   | VL2 IE2 225S4   | 56.0                                      |
|                                     | 41.9  | 35.3             | 7921.6                                | 0.9                        | P L 125 3 35.3  | VL2 IE2 225S4   | 33.0                                      |
|                                     | 41.7  | 23.5             | 8046.1                                | 1.4                        | P - 190 2 23.49   | VL2 IE2 250M6   | 72.0                                      |
|                                     | 41.7  | 23.5             | 8046.0                                | 1.0                        | P - 170 2 23.49   | VL2 IE2 250M6   | 56.0                                      |
|                                     | 38.2  | 38.7             | 8685.9                                | 1.2                        | P L 135 3 38.7  | VL2 IE2 225S4   | 40.0                                      |
|                                     | 38.1  | 77.6             | 8708.6                                | 1.1                        | P L 135 3 77.6  | VL2 IE2 200L22  | 40.0                                      |
|                                     | 37.9  | 25.9             | 8854.7                                | 1.3                        | P - 190 2 25.85   | VL2 IE2 250M6   | 72.0                                      |
|                                     | 37.9  | 25.9             | 8854.7                                | 0.9                        | P - 170 2 25.85   | VL2 IE2 250M6   | 56.0                                      |
|                                     | 36.8  | 40.2             | 9020.9                                | 0.8                        | P L 125 3 40.2  | VL2 IE2 225S4   | 33.0                                      |
|                                     | 35.2  | 84.0             | 9425.3                                | 1.0                        | P L 135 3 84  | VL2 IE2 200L22  | 40.0                                      |
| 34.6                                | 42.8  | 9605.2           | 1.1                                   | P L 135 3 42.8             | VL2 IE2 225S4   | 40.0  |   |
| 34.2                                | 28.6  | 9809.5           | 1.2                                   | P - 190 2 28.64            | VL2 IE2 250M6   | 72.0  |   |
| 34.2                                | 28.6  | 9809.5           | 0.8                                   | P - 170 2 28.64            | VL2 IE2 250M6   | 56.0  |   |
| 32.4                                | 91.4  | 10254.6          | 0.9                                   | P L 135 3 91.4             | VL2 IE2 200L22  | 40.0  |   |
| 31.7                                | 46.7  | 10481.3          | 1.0                                   | P L 135 3 46.7             | VL2 IE2 225S4   | 40.0  |   |
| 31.1                                | 31.5  | 10797.2          | 1.1                                   | P - 190 2 31.52            | VL2 IE2 250M6   | 72.0  |   |
| 29.6                                | 100.1   | 11232.7          | 0.8                                   | P L 135 3 100.1            | VL2 IE2 200L22  | 40.0  |   |
| 29.2                                | 50.7  | 11378.9          | 0.9                                   | P L 135 3 50.7             | VL2 IE2 225S4   | 40.0  |   |
| 28.1                                | 34.9  | 11962.9          | 1.0                                   | P - 190 2 34.92            | VL2 IE2 250M6   | 72.0  |   |
| 25.6                                | 57.8  | 12969.5          | 0.8                                   | P L 135 3 57.8             | VL2 IE2 225S4   | 40.0  |   |



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Ouput torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR        | <br>EU        | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|--------------------------------------|----------------------------|-----------------|---------------|---|
| 45                                  | 242.6   | 6.1              | 1682.7                               | 2.7                        | P - 150 2 6.1   | VL2 IE2 225M4 | 38.0                                      |
|                                     | 224.2   | 6.6              | 1820.6                               | 2.9                        | P - 150 2 6.6   | VL2 IE2 225M4 | 38.0                                      |
|                                     | 202.7   | 7.3              | 2013.7                               | 2.5                        | P - 150 2 7.3   | VL2 IE2 225M4 | 38.0                                      |
|                                     | 176.2   | 8.4              | 2317.2                               | 2.2                        | P - 150 2 8.4   | VL2 IE2 225M4 | 38.0                                      |
|                                     | 160.9   | 9.2              | 2537.8                               | 2.1                        | P - 150 2 9.2   | VL2 IE2 225M4 | 38.0                                      |
|                                     | 158.0   | 9.4              | 2584.8                               | 2.9                        | P - 170 2 9.37  | VL2 IE2 225M4 | 56.0                                      |
|                                     | 146.5   | 10.1             | 2786.2                               | 1.8                        | P - 150 2 10.1  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 145.1   | 10.2             | 2813.7                               | 2.7                        | P - 170 2 10.2  | VL2 IE2 225M4 | 56.0                                      |
|                                     | 132.5   | 11.2             | 3081.2                               | 2.4                        | P - 170 2 11.17 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 131.9   | 7.4              | 3095.2                               | 2.6                        | P - 170 2 7.43  | VL2 IE2 280S6 | 56.0                                      |
|                                     | 129.8   | 11.4             | 3144.8                               | 1.6                        | P - 150 2 11.4  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 121.3   | 12.2             | 3365.5                               | 2.1                        | P - 170 2 12.2  | VL2 IE2 225M4 | 56.0                                      |
|                                     | 119.8   | 8.2              | 3407.9                               | 2.4                        | P - 170 2 8.18  | VL2 IE2 280S6 | 56.0                                      |
|                                     | 119.4   | 12.4             | 3420.7                               | 1.5                        | P - 150 2 12.4  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 111.4   | 13.3             | 3666.1                               | 2.9                        | P - 190 2 13.29 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 111.4   | 13.3             | 3666.2                               | 2.0                        | P - 170 2 13.29 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 108.8   | 13.6             | 3751.7                               | 1.4                        | P - 150 2 13.6  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 104.6   | 9.4              | 3903.5                               | 2.9                        | P - 190 2 9.37  | VL2 IE2 280S6 | 72.0                                      |
|                                     | 104.6   | 9.4              | 3903.5                               | 2.1                        | P - 170 2 9.37  | VL2 IE2 280S6 | 56.0                                      |
|                                     | 101.8   | 14.5             | 4010.8                               | 2.6                        | P - 190 2 14.54 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 101.8   | 14.5             | 4010.8                               | 1.9                        | P - 170 2 14.54 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 96.7  | 15.3             | 4220.6                               | 1.2                        | P - 150 2 15.3  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 96.1  | 10.2             | 4249.2                               | 2.7                        | P - 190 2 10.2  | VL2 IE2 280S6 | 72.0                                      |
|                                     | 96.1  | 10.2             | 4249.2                               | 1.9                        | P - 170 2 10.2  | VL2 IE2 280S6 | 56.0                                      |
|                                     | 89.5  | 16.5             | 4562.6                               | 2.3                        | P - 190 2 16.54 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 89.5  | 16.5             | 4562.6                               | 1.6                        | P - 170 2 16.54 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 88.6  | 16.7             | 4606.9                               | 1.2                        | P - 150 2 16.7  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 87.7  | 11.2             | 4653.1                               | 2.5                        | P - 190 2 11.17 | VL2 IE2 280S6 | 72.0                                      |
|                                     | 87.7  | 11.2             | 4653.1                               | 1.8                        | P - 170 2 11.17 | VL2 IE2 280S6 | 56.0                                      |
|                                     | 82.2  | 18.0             | 4967.9                               | 2.1                        | P - 190 2 18.01 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 82.2  | 18.0             | 4967.9                               | 1.5                        | P - 170 2 18.01 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 80.3  | 12.2             | 5082.3                               | 2.3                        | P - 190 2 12.2  | VL2 IE2 280S6 | 72.0                                      |
|                                     | 80.3  | 12.2             | 5082.3                               | 1.5                        | P - 170 2 12.2  | VL2 IE2 280S6 | 56.0                                      |
|                                     | 77.5  | 19.1             | 5213.1                               | 1.7                        | P L 135 3 19.1  | VL2 IE2 225M4 | 40.0                                      |
|                                     | 77.1  | 19.2             | 5296.6                               | 1.0                        | P - 150 2 19.2  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 75.1  | 19.7             | 5437.0                               | 1.9                        | P - 190 2 19.71 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 75.1  | 19.7             | 5437.0                               | 1.4                        | P - 170 2 19.71 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 73.7  | 13.3             | 5536.5                               | 2.1                        | P - 190 2 13.29 | VL2 IE2 280S6 | 72.0                                      |
|                                     | 73.7  | 13.3             | 5536.5                               | 1.5                        | P - 170 2 13.29 | VL2 IE2 280S6 | 56.0                                      |
|                                     | 70.5  | 21.0             | 5792.7                               | 0.9                        | P - 150 2 21    | VL2 IE2 225M4 | 38.0                                      |
|                                     | 69.0  | 21.5             | 5919.4                               | 1.8                        | P - 190 2 21.46 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 69.0  | 21.5             | 5919.4                               | 1.3                        | P - 170 2 21.46 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 67.9  | 21.8             | 5950.3                               | 1.6                        | P L 135 3 21.8  | VL2 IE2 225M4 | 40.0                                      |
|                                     | 67.4  | 14.5             | 6057.3                               | 1.9                        | P - 190 2 14.54 | VL2 IE2 280S6 | 72.0                                      |
|                                     | 67.4  | 14.5             | 6057.4                               | 1.4                        | P - 170 2 14.54 | VL2 IE2 280S6 | 56.0                                      |
|                                     | 66.1  | 22.4             | 6114.3                               | 1.1                        | P L 125 3 22.4  | VL2 IE2 225M4 | 33.0                                      |
|                                     | 64.9  | 22.8             | 6289.6                               | 0.8                        | P - 150 2 22.8  | VL2 IE2 225M4 | 38.0                                      |
|                                     | 63.0  | 23.5             | 6479.3                               | 1.6                        | P - 190 2 23.49 | VL2 IE2 225M4 | 72.0                                      |
|                                     | 63.0  | 23.5             | 6479.3                               | 1.2                        | P - 170 2 23.49 | VL2 IE2 225M4 | 56.0                                      |
|                                     | 61.9  | 23.9             | 6524.0                               | 1.1                        | P L 125 3 23.9  | VL2 IE2 225M4 | 33.0                                      |
| 59.3                                | 16.5  | 6890.5           | 1.7                                  | P - 190 2 16.54            | VL2 IE2 280S6   | 72.0          |   |
| 59.3                                | 16.5  | 6890.5           | 1.2                                  | P - 170 2 16.54            | VL2 IE2 280S6   | 56.0          |   |
| 57.3                                | 25.9  | 7131.2           | 1.5                                  | P - 190 2 25.85            | VL2 IE2 225M4   | 72.0          |   |
| 57.3                                | 25.9  | 7131.2           | 1.1                                  | P - 170 2 25.85            | VL2 IE2 225M4   | 56.0          |   |
| 57.1                                | 25.9  | 7069.7           | 1.4                                  | P L 135 3 25.9             | VL2 IE2 225M4   | 40.0          |   |
| 54.4                                | 18.0  | 7503.5           | 1.5                                  | P - 190 2 18.01            | VL2 IE2 280S6   | 72.0          |   |
| 54.4                                | 18.0  | 7503.5           | 1.1                                  | P - 170 2 18.01            | VL2 IE2 280S6   | 56.0          |   |
| 53.2                                | 27.8  | 7587.6           | 0.9                                  | P L 125 3 27.8             | VL2 IE2 225M4   | 33.0          |   |
| 51.7                                | 28.6  | 7899.8           | 1.3                                  | P - 190 2 28.64            | VL2 IE2 225M4   | 72.0          |   |
| 51.7                                | 28.6  | 7899.7           | 0.9                                  | P - 170 2 28.64            | VL2 IE2 225M4   | 56.0          |   |
| 50.2                                | 29.5  | 8052.0           | 1.2                                  | P L 135 3 29.5             | VL2 IE2 225M4   | 40.0          |   |
| 49.7                                | 19.7  | 8211.2           | 1.4                                  | P - 190 2 19.71            | VL2 IE2 280S6   | 72.0          |   |
| 49.7                                | 19.7  | 8211.3           | 1.0                                  | P - 170 2 19.71            | VL2 IE2 280S6   | 56.0          |   |
| 48.7                                | 30.4  | 8298.3           | 0.9                                  | P L 125 3 30.4             | VL2 IE2 225M4   | 33.0          |   |
| 47.0                                | 31.5  | 8695.7           | 1.2                                  | P - 190 2 31.52            | VL2 IE2 225M4   | 72.0          |   |
| 47.0                                | 31.5  | 8695.8           | 0.9                                  | P - 170 2 31.52            | VL2 IE2 225M4   | 56.0          |   |
| 46.1                                | 32.1  | 8760.9           | 1.2                                  | P L 135 3 32.1             | VL2 IE2 225M4   | 40.0          |   |
| 45.7                                | 21.5  | 8939.4           | 1.3                                  | P - 190 2 21.46            | VL2 IE2 280S6   | 72.0          |   |
| 45.7                                | 21.5  | 8939.4           | 0.9                                  | P - 170 2 21.46            | VL2 IE2 280S6   | 56.0          |   |
| 42.4                                | 34.9  | 9633.4           | 1.1                                  | P - 190 2 34.92            | VL2 IE2 225M4   | 72.0          |   |
| 41.7                                | 23.5  | 9785.8           | 1.2                                  | P - 190 2 23.49            | VL2 IE2 280S6   | 72.0          |   |
| 41.7                                | 23.5  | 9785.7           | 0.8                                  | P - 170 2 23.49            | VL2 IE2 280S6   | 56.0          |   |
| 38.2                                | 38.7  | 10563.9          | 0.9                                  | P L 135 3 38.7             | VL2 IE2 225M4   | 40.0          |   |
| 37.9                                | 25.9  | 10769.2          | 1.1                                  | P - 190 2 25.85            | VL2 IE2 280S6   | 72.0          |   |
| 34.6                                | 42.8  | 11682.0          | 0.9                                  | P L 135 3 42.8             | VL2 IE2 225M4   | 40.0          |   |
| 34.2                                | 28.6  | 11930.4          | 1.0                                  | P - 190 2 28.64            | VL2 IE2 280S6   | 72.0          |   |
| 31.7                                | 46.7  | 12747.5          | 0.8                                  | P L 135 3 46.7             | VL2 IE2 225M4   | 40.0          |   |
| 31.1                                | 31.5  | 13131.7          | 0.9                                  | P - 190 2 31.52            | VL2 IE2 280S6   | 72.0          |   |







75.0 kW



55.0 kW

HIGH TECH line Motion

| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 55                                  | 199.2   | 7.4              | 3.0                                   | 2505.1                     | P 170 2 7.43  | VL2 IE2 250M4   | 56  |
|                                     | 180.9   | 8.2              | 2.7                                   | 2757.9                     | P 170 2 8.18  | VL2 IE2 250M4   | 56  |
|                                     | 170.4   | 5.8              | 2.8                                   | 2927.8                     | P 170 2 5.75  | VL2 IE2 280M6   | 56  |
|                                     | 158.0   | 9.4              | 2.4                                   | 3159.2                     | P 170 2 9.37  | VL2 IE2 250M4   | 56  |
|                                     | 157.1   | 6.2              | 2.6                                   | 3177.2                     | P 170 2 6.24  | VL2 IE2 280M6   | 56  |
|                                     | 145.1   | 10.2             | 2.2                                   | 3438.9                     | P 170 2 10.2  | VL2 IE2 250M4   | 56  |
|                                     | 132.5   | 11.2             | 2.8                                   | 3765.9                     | P 190 2 11.17   | VL2 IE2 250M4   | 72  |
|                                     | 132.5   | 11.2             | 2.0                                   | 3766.0                     | P 170 2 11.17   | VL2 IE2 250M4   | 56  |
|                                     | 131.9   | 7.4              | 2.2                                   | 3783.1                     | P 170 2 7.43  | VL2 IE2 280M6   | 56  |
|                                     | 121.3   | 12.2             | 2.6                                   | 4113.3                     | P 190 2 12.2  | VL2 IE2 250M4   | 72  |
|                                     | 121.3   | 12.2             | 1.7                                   | 4113.3                     | P 170 2 12.2  | VL2 IE2 250M4   | 56  |
|                                     | 119.8   | 8.2              | 2.7                                   | 4165.2                     | P 190 2 8.18  | VL2 IE2 280M6   | 72  |
|                                     | 119.8   | 8.2              | 1.9                                   | 4165.2                     | P 170 2 8.18  | VL2 IE2 280M6   | 56  |
|                                     | 111.4   | 13.3             | 2.3                                   | 4480.8                     | P 190 2 13.29   | VL2 IE2 250M4   | 72  |
|                                     | 111.4   | 13.3             | 1.7                                   | 4480.9                     | P 170 2 13.29   | VL2 IE2 250M4   | 56  |
|                                     | 104.6   | 9.4              | 2.4                                   | 4770.9                     | P 190 2 9.37  | VL2 IE2 280M6   | 72  |
|                                     | 104.6   | 9.4              | 1.7                                   | 4770.9                     | P 170 2 9.37  | VL2 IE2 280M6   | 56  |
|                                     | 101.8   | 14.5             | 2.1                                   | 4902.1                     | P 190 2 14.54   | VL2 IE2 250M4   | 72  |
|                                     | 101.8   | 14.5             | 1.5                                   | 4902.1                     | P 170 2 14.54   | VL2 IE2 250M4   | 56  |
|                                     | 96.1  | 10.2             | 2.2                                   | 5193.5                     | P 190 2 10.2  | VL2 IE2 280M6   | 72  |
|                                     | 96.1  | 10.2             | 1.6                                   | 5193.5                     | P 170 2 10.2  | VL2 IE2 280M6   | 56  |
|                                     | 89.5  | 16.5             | 1.9                                   | 5576.5                     | P 190 2 16.54   | VL2 IE2 250M4   | 72  |
|                                     | 89.5  | 16.5             | 1.3                                   | 5576.5                     | P 170 2 16.54   | VL2 IE2 250M4   | 56  |
|                                     | 87.7  | 11.2             | 2.0                                   | 5687.1                     | P 190 2 11.17   | VL2 IE2 280M6   | 72  |
|                                     | 87.7  | 11.2             | 1.4                                   | 5687.1                     | P 170 2 11.17   | VL2 IE2 280M6   | 56  |
|                                     | 82.2  | 18.0             | 1.7                                   | 6071.9                     | P 190 2 18.01   | VL2 IE2 250M4   | 72  |
|                                     | 82.2  | 18.0             | 1.2                                   | 6071.9                     | P 170 2 18.01   | VL2 IE2 250M4   | 56  |
|                                     | 80.3  | 12.2             | 1.8                                   | 6211.7                     | P 190 2 12.2  | VL2 IE2 280M6   | 72  |
|                                     | 80.3  | 12.2             | 1.2                                   | 6211.7                     | P 170 2 12.2  | VL2 IE2 280M6   | 56  |
|                                     | 77.5  | 19.1             | 1.4                                   | 6371.6                     | PL 135 3 19.1   | VL2 IE2 250M4   | 40  |
|                                     | 75.1  | 19.7             | 1.6                                   | 6645.2                     | P 190 2 19.71   | VL2 IE2 250M4   | 72  |
|                                     | 75.1  | 19.7             | 1.1                                   | 6645.2                     | P 170 2 19.71   | VL2 IE2 250M4   | 56  |
|                                     | 73.7  | 13.3             | 1.7                                   | 6766.8                     | P 190 2 13.29   | VL2 IE2 280M6   | 72  |
|                                     | 73.7  | 13.3             | 1.2                                   | 6766.9                     | P 170 2 13.29   | VL2 IE2 280M6   | 56  |
|                                     | 69.0  | 21.5             | 1.5                                   | 7234.8                     | P 190 2 21.46   | VL2 IE2 250M4   | 72  |
|                                     | 69.0  | 21.5             | 1.0                                   | 7234.8                     | P 170 2 21.46   | VL2 IE2 250M4   | 56  |
|                                     | 67.9  | 21.8             | 1.3                                   | 7272.6                     | PL 135 3 21.8   | VL2 IE2 250M4   | 40  |
|                                     | 67.4  | 14.5             | 1.5                                   | 7403.4                     | P 190 2 14.54   | VL2 IE2 280M6   | 72  |
|                                     | 67.4  | 14.5             | 1.1                                   | 7403.4                     | P 170 2 14.54   | VL2 IE2 280M6   | 56  |
|                                     | 63.0  | 23.5             | 1.3                                   | 7919.2                     | P 190 2 23.49   | VL2 IE2 250M4   | 72  |
|                                     | 63.0  | 23.5             | 0.9                                   | 7919.1                     | P 170 2 23.49   | VL2 IE2 250M4   | 56  |
|                                     | 59.3  | 16.5             | 1.4                                   | 8421.7                     | P 190 2 16.54   | VL2 IE2 280M6   | 72  |
|                                     | 59.3  | 16.5             | 1.0                                   | 8421.7                     | P 170 2 16.54   | VL2 IE2 280M6   | 56  |
|                                     | 57.3  | 25.9             | 1.2                                   | 8715.9                     | P 190 2 25.85   | VL2 IE2 250M4   | 72  |
|                                     | 57.3  | 25.9             | 0.9                                   | 8716.0                     | P 170 2 25.85   | VL2 IE2 250M4   | 56  |
| 57.1                                | 25.9  | 1.1              | 8640.7                                | PL 135 3 25.9              | VL2 IE2 250M4   | 40  |   |
| 54.4                                | 18.0  | 1.2              | 9170.9                                | P 190 2 18.01              | VL2 IE2 280M6   | 72  |   |
| 54.4                                | 18.0  | 0.9              | 9171.0                                | P 170 2 18.01              | VL2 IE2 280M6   | 56  |   |
| 51.7                                | 28.6  | 1.1              | 9655.3                                | P 190 2 28.64              | VL2 IE2 250M4   | 72  |   |
| 50.2                                | 29.5  | 1.0              | 9841.3                                | PL 135 3 29.5              | VL2 IE2 250M4   | 40  |   |
| 49.7                                | 19.7  | 1.1              | 10036.0                               | P 190 2 19.71              | VL2 IE2 280M6   | 72  |   |
| 49.7                                | 19.7  | 0.8              | 10036.0                               | P 170 2 19.71              | VL2 IE2 280M6   | 56  |   |
| 47.0                                | 31.5  | 1.0              | 10628.1                               | P 190 2 31.52              | VL2 IE2 250M4   | 72  |   |
| 46.1                                | 32.1  | 1.0              | 10707.7                               | PL 135 3 32.1              | VL2 IE2 250M4   | 40  |   |
| 45.7                                | 21.5  | 1.0              | 10926.0                               | P 190 2 21.46              | VL2 IE2 280M6   | 72  |   |
| 42.4                                | 34.9  | 0.9              | 11774.2                               | P 190 2 34.92              | VL2 IE2 250M4   | 72  |   |
| 41.7                                | 23.5  | 1.0              | 11960.5                               | P 190 2 23.49              | VL2 IE2 280M6   | 72  |   |
| 37.9                                | 25.9  | 0.9              | 13162.4                               | P 190 2 25.85              | VL2 IE2 280M6   | 72  |   |

|    |       |      |         |     |                 |               |      |
|----|-------|------|---------|-----|-----------------|---------------|------|
| 75 | 257.4 | 5.8  | 2643.6  | 2.8 | P - 170 2 5.75  | VL2 IE2 280S4 | 56.0 |
|    | 237.2 | 6.2  | 2868.9  | 2.6 | P - 170 2 6.24  | VL2 IE2 280S4 | 56.0 |
|    | 199.2 | 7.4  | 3416.0  | 2.2 | P - 170 2 7.43  | VL2 IE2 280S4 | 56.0 |
|    | 180.9 | 8.2  | 3760.8  | 2.8 | P - 190 2 8.18  | VL2 IE2 280S4 | 72.0 |
|    | 180.9 | 8.2  | 3760.8  | 2.0 | P - 170 2 8.18  | VL2 IE2 280S4 | 56.0 |
|    | 158.0 | 9.4  | 4307.9  | 2.4 | P - 190 2 9.37  | VL2 IE2 280S4 | 72.0 |
|    | 158.0 | 9.4  | 4307.9  | 1.7 | P - 170 2 9.37  | VL2 IE2 280S4 | 56.0 |
|    | 145.1 | 10.2 | 4689.4  | 2.2 | P - 190 2 10.2  | VL2 IE2 280S4 | 72.0 |
|    | 145.1 | 10.2 | 4689.5  | 1.6 | P - 170 2 10.2  | VL2 IE2 280S4 | 56.0 |
|    | 132.5 | 11.2 | 5135.4  | 2.0 | P - 190 2 11.17 | VL2 IE2 280S4 | 72.0 |
|    | 132.5 | 11.2 | 5135.4  | 1.5 | P - 170 2 11.17 | VL2 IE2 280S4 | 56.0 |
|    | 121.3 | 12.2 | 5609.1  | 1.9 | P - 190 2 12.2  | VL2 IE2 280S4 | 72.0 |
|    | 121.3 | 12.2 | 5609.1  | 1.3 | P - 170 2 12.2  | VL2 IE2 280S4 | 56.0 |
|    | 111.4 | 13.3 | 6110.2  | 1.7 | P - 190 2 13.29 | VL2 IE2 280S4 | 72.0 |
|    | 111.4 | 13.3 | 6110.3  | 1.2 | P - 170 2 13.29 | VL2 IE2 280S4 | 56.0 |
|    | 101.8 | 14.5 | 6684.7  | 1.6 | P - 190 2 14.54 | VL2 IE2 280S4 | 72.0 |
|    | 101.8 | 14.5 | 6684.7  | 1.1 | P - 170 2 14.54 | VL2 IE2 280S4 | 56.0 |
|    | 89.5  | 16.5 | 7604.4  | 1.4 | P - 190 2 16.54 | VL2 IE2 280S4 | 72.0 |
|    | 89.5  | 16.5 | 7604.3  | 1.0 | P - 170 2 16.54 | VL2 IE2 280S4 | 56.0 |
|    | 82.2  | 18.0 | 8279.9  | 1.3 | P - 190 2 18.01 | VL2 IE2 280S4 | 72.0 |
|    | 82.2  | 18.0 | 8279.9  | 0.9 | P - 170 2 18.01 | VL2 IE2 280S4 | 56.0 |
|    | 75.1  | 19.7 | 9061.6  | 1.2 | P - 190 2 19.71 | VL2 IE2 280S4 | 72.0 |
|    | 75.1  | 19.7 | 9061.6  | 0.8 | P - 170 2 19.71 | VL2 IE2 280S4 | 56.0 |
|    | 69.0  | 21.5 | 9865.7  | 1.1 | P - 190 2 21.46 | VL2 IE2 280S4 | 72.0 |
|    | 63.0  | 23.5 | 10798.9 | 1.0 | P - 190 2 23.49 | VL2 IE2 280S4 | 72.0 |
|    | 57.3  | 25.9 | 11885.4 | 0.9 | P - 190 2 25.85 | VL2 IE2 280S4 | 72.0 |



| P <sub>1</sub><br>Input Power<br>kW | n <sub>2</sub><br>Output speed<br>min <sup>-1</sup> | IR<br>ratio<br>- | T <sub>2</sub><br>Output torque<br>Nm | FS'<br>Service Factor<br>- | <br>GEAR | <br>EU | P <sub>tn</sub><br>Thermal capacity<br>kW |
|-------------------------------------|---|------------------|---------------------------------------|----------------------------|---|---|---|
| 90                                  | 321.7   | 4.6              | 2537.8                                | 3.0                        | P - 190 2 4.6   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 321.7   | 4.6              | 2537.8                                | 2.9                        | P - 170 2 4.6   | VL2 IE2 280M4   | 56.0                                      |
|                                     | 278.2   | 5.3              | 2935.0                                | 2.7                        | P - 190 2 5.32  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 257.4   | 5.8              | 3172.3                                | 2.4                        | P - 170 2 5.75  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 237.2   | 6.2              | 3442.6                                | 2.2                        | P - 170 2 6.24  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 218.0   | 6.8              | 3746.0                                | 2.8                        | P - 190 2 6.79  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 199.2   | 7.4              | 4099.2                                | 2.6                        | P - 190 2 7.43  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 199.2   | 7.4              | 4099.2                                | 1.8                        | P - 170 2 7.43  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 180.9   | 8.2              | 4512.9                                | 2.3                        | P - 190 2 8.18  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 180.9   | 8.2              | 4512.9                                | 1.6                        | P - 170 2 8.18  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 158.0   | 9.4              | 5169.5                                | 2.0                        | P - 190 2 9.37  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 158.0   | 9.4              | 5169.5                                | 1.5                        | P - 170 2 9.37  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 145.1   | 10.2             | 5627.3                                | 1.9                        | P - 190 2 10.2  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 145.1   | 10.2             | 5627.3                                | 1.3                        | P - 170 2 10.2  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 132.5   | 11.2             | 6162.5                                | 1.7                        | P - 190 2 11.17   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 132.5   | 11.2             | 6162.5                                | 1.2                        | P - 170 2 11.17   | VL2 IE2 280M4   | 56.0                                      |
|                                     | 121.3   | 12.2             | 6730.9                                | 1.6                        | P - 190 2 12.2  | VL2 IE2 280M4   | 72.0                                      |
|                                     | 121.3   | 12.2             | 6730.9                                | 1.1                        | P - 170 2 12.2  | VL2 IE2 280M4   | 56.0                                      |
|                                     | 111.4   | 13.3             | 7332.3                                | 1.4                        | P - 190 2 13.29   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 111.4   | 13.3             | 7332.3                                | 1.0                        | P - 170 2 13.29   | VL2 IE2 280M4   | 56.0                                      |
|                                     | 101.8   | 14.5             | 8021.7                                | 1.3                        | P - 190 2 14.54   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 101.8   | 14.5             | 8021.7                                | 0.9                        | P - 170 2 14.54   | VL2 IE2 280M4   | 56.0                                      |
|                                     | 89.5  | 16.5             | 9125.2                                | 1.2                        | P - 190 2 16.54   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 89.5  | 16.5             | 9125.2                                | 0.8                        | P - 170 2 16.54   | VL2 IE2 280M4   | 56.0                                      |
|                                     | 82.2  | 18.0             | 9935.9                                | 1.1                        | P - 190 2 18.01   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 75.1  | 19.7             | 10873.9                               | 1.0                        | P - 190 2 19.71   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 69.0  | 21.5             | 11838.8                               | 0.9                        | P - 190 2 21.46   | VL2 IE2 280M4   | 72.0                                      |
|                                     | 63.0  | 23.5             | 12958.7                               | 0.8                        | P - 190 2 23.49   | VL2 IE2 280M4   | 72.0                                      |

N.B.  
Per i riduttori per i quali **P<sub>tn</sub> < Potenza motore elettrico** è opportuno effettuare la verifica della potenza limite termico secondo le indicazioni riportate nel par. 1.7-A

NOTE.  
For the gearboxes with **P<sub>tn</sub> < Power electric motor** it is also necessary to obey the thermal capacity like shown on chapter 1.7-A.













HINWEIS.  
Bei den mit **P<sub>tn</sub> < Leistung Motor**, ist außerdem die thermische Leistungsgrenze zu beachten (s. Kap. 1.7-A).

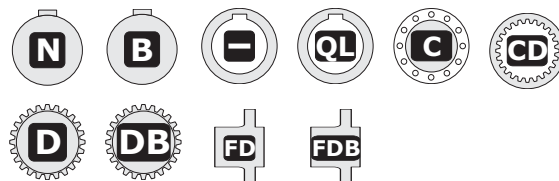






**DIMENSIONS**

| M  | REFSIZES ERIES | SIZE                                   | PAGES   |
|--|----------------|--|---|
|   | -              | 63 - 71 - 90 - 112                     | 164    |
|  |                | 80 - 100 - 125 - 132 - 150 - 170 - 190 | 166    |
|   | E              | 125 - 132 - 150 - 170 - 190            | 168    |
|   | L              | 25 - 45                                | 170   |
|  |                | 65                                     | 172  |
|  |                | 85 - 95                                | 174  |
|  |                | 105                                    | 176  |
|  |                | 115 - 125 - 135                        | 178  |
| <b>ESTREMITÀ USCITA - Accessori - Opzioni</b><br><b>OUTPUT CONFIGURATIONS - Accessories - OptionS</b><br><b>ENDEN DER AUSGANGSWELLEN - Zubehör -</b> |                |  | 180  |





P\_-

63-71-90-112

HIGH TECH line Motion

FAMCO  
هایپر صنعت

1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

PR P

63-71-90-112

PM P

|                       |  |  |  |  |  |
|-----------------------|--|--|--|--|--|
| <p>Without Flange</p> |  |  |  |  |  |
|                       | <p>F1</p> <p>F2</p> <p>With Flange</p> |  |  |  |  |
|                       | <p>P</p> <p>With Flange</p>            |  |  |  |  |

**Detail holes - flange "P"**

Per il fissaggio al riduttore con i fori "Vp" considerare la lunghezza delle viti adeguate, e che la quota "yt" non è filettata (vedi disegno).

When P-flange is used please consider that the threads "Vp" are in gearcase and that distance "yt" does not have a thread (see drawing).

Bei Verwendung des P-Flansches ist zu beachten, daß sich die Gewinde im Getriebegehäuse befinden und daß Maß "yt" kein Gewinde besitzt. Details siehe Zeichnung.

**Detail flanged housing PM-PR**

**Detail flange centering**

| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          |     |     |      |  |
|---|----------|-----|-----|------|--|
| Dimensions  | 63       | 71  | 90  | 112  |  |
| C   | 31,5     | 35  | 45  | 50   |  |
| c1  | 2,5      | 3   | 3,5 | 4    |  |
| D   | Standard | 30  | 35  | 50   |  |
|   | Optional | 25  | 30  | 55   |  |
|   | Optional | 28  | 32  | -    |  |
|   | Optional | -   | -   | 48   |  |
| tolerance D   | H7       | H7  | H7  | H7   |  |
| h   | 103,5    | 117 | 147 | 184  |  |
| H   | 152      | 165 | 200 | 255  |  |
| h1  | 23,5     | 26  | 33  | 35,5 |  |
| hp  | 240      | 268 | 324 | 400  |  |
| n1  | 12       | 12  | 16  | 20   |  |
| n2  | 14       | 14  | 14  | 22   |  |

E164

CT17 IGBD 4.0



**1.8 Dimensioni**

**1.8 Dimensions**

**1.8 Abmessungen**

| F - Flange housing |       |     |       |     |
|--------------------|-------|-----|-------|-----|
| Versions P - F     | 63    | 71  | 90    | 112 |
| L2                 | 116,5 | 147 | 176,5 | 205 |
| L3                 | 143   | 175 | 203,5 | 246 |
| L4                 | 128   | 158 | 188,5 | 219 |
| N                  | 84,5  | 92  | 109   | 138 |
| O                  | 169   | 184 | 218   | 276 |

| P - Foot housing |           |            |            |            |
|------------------|-----------|------------|------------|------------|
| Versions P - P   | 63        | 71         | 90         | 112        |
| a                | 115       | 145        | 190        | 240        |
| A                | 135       | 170        | 220        | 280        |
| b                | 77        | 93         | 112        | 140        |
| B                | 95        | 120        | 135        | 166        |
| f                | N°8 M8x12 | N°8 M10x15 | N°8 M12x17 | N°8 M16x23 |
| h2               | 31        | 43         | 60         | 70         |
| l                | 96,5      | 119        | 143        | 172,5      |
| i1               | 20        | 28         | 33,5       | 32,5       |
| N                | 82,5      | 90         | 106        | 135        |
| O                | 165       | 180        | 212        | 270        |
| S                | 20        | 25         | 30         | 40         |

| F1-F2 - Flanged versions |         |          |           |            |            |
|--------------------------|---------|----------|-----------|------------|------------|
| Flanged versions F1-F2   | 63      | 71       |           | 90         | 112        |
|                          | F1      | F2       | F2        | F1         | F1         |
| F                        | 160     | 200      | 160       | 250        | 300        |
| G                        | 110     | 130      | 110       | 180        | 230        |
| tolerance G              | g6      | g6       | g6        | g6         | g6         |
| P                        | 46,5    | 56       | 56        | 60,5       | 73,5       |
| P1                       | 59      | 63,5     | 63,5      | 72         | 91         |
| R                        | 130     | 165      | 130       | 215        | 265        |
| U                        | 3,5     | 3,5      | 3,5       | 4          | 4          |
| V                        | n°4 ø 9 | N°4 ø 11 | N°4 ø 9.5 | N°4 ø 13.5 | N°4 ø 13.5 |
| Z                        | 10      | 12       | 10        | 15         | 16         |

| P - Flanged versions |           |           |            |            |
|----------------------|-----------|-----------|------------|------------|
| Flanged versions P   | 63        | 71        | 90         | 112        |
|                      | P         | P         | P          | P          |
| Fp                   | 105       | 120       | 150        | 175        |
| Gp                   | 80        | 80        | 105        | 125        |
| p1                   | 43,5      | 46        | 57         | 63         |
| Pp                   | 31,5      | 39        | 45,5       | 46,5       |
| Rp                   | 90        | 100       | 125        | 150        |
| Up                   | 3         | 3         | 3,5        | 3,5        |
| Vp                   | N°6 M6X12 | N°6 M8X14 | N°6 M12X18 | N°6 M14X21 |
| xt                   | 12        | 15        | 18         | 23         |
| yt                   | 11,5      | 11        | 12         | 14         |

| Fixing - Flange Housing |           |           |            |            |
|-------------------------|-----------|-----------|------------|------------|
| Fixing Flange Housing   | 63        | 71        | 90         | 112        |
|                         | Fp        | 105       | 120        | 150        |
| GP1                     | 75        | 80        | 100        | 125        |
| tolerance GP1           | H7        | H7        | H7         | H7         |
| Rp                      | 90        | 100       | 125        | 150        |
| Up1                     | 3.5       | 3.5       | 3.5        | 4          |
| Vp                      | N°6 M6x12 | N°6 M8x14 | N°6 M12x18 | N°6 M14x21 |

| P - R - Input version |       |       |       |      |      |      |       |       |
|-----------------------|-------|-------|-------|------|------|------|-------|-------|
| P - R                 | 63/2  | 63/3  | 71/2  | 71/3 | 90/2 | 90/3 | 112/2 | 112/3 |
| d                     | 16    | 16    | 16    | 16   | 19   | 19   | 24    | 24    |
| tolerance d           | j6    | j6    | j6    | j6   | j6   | j6   | j6    | j6    |
| L                     | 40    | 40    | 40    | 40   | 40   | 40   | 50    | 50    |
| m                     | M6    | M6    | M6    | M6   | M6   | M6   | M8    | M8    |
| M                     | 148,5 | 136,5 | 163,5 | 182  | 187  | 209  | 223,5 | 239   |

| P - M - Input version    |     |       |       |       |      |       |      |       |       |
|--------------------------|-----|-------|-------|-------|------|-------|------|-------|-------|
| P - M                    |     | 63/2  | 63/3  | 71/2  | 71/3 | 90/2  | 90/3 | 112/2 | 112/3 |
| IEC                      | Y   | K     | K     | K     | K    | K     | K    | K     | K     |
| CF                       |     |       |       |       |      |       |      |       |       |
| 63 B5                    | 140 | 119,5 | 124,5 | -     | 153  | -     | -    | -     | -     |
| 63 B5 - with shrink disc | 140 | 139,5 | -     | -     | -    | -     | -    | -     | -     |
| 63B14                    | 90  | -     | -     | -     | -    | -     | -    | -     | -     |
| 71 B5                    | 160 | 119,5 | 128,5 | 159   | 153  | -     | 175  | -     | -     |
| 71 B5 - with shrink disc | 160 | 139,5 | -     | -     | 173  | -     | -    | -     | -     |
| 71B14                    | 105 | -     | -     | -     | -    | -     | -    | -     | -     |
| 80 B5                    | 200 | 139,5 | 152,5 | 159   | 173  | 172   | 190  | -     | 219,5 |
| 80 B14                   | 120 | 139,5 | 152,5 | 159   | 173  | 172   | 190  | -     | -     |
| 90 B5                    | 200 | 139,5 | -     | 159   | 173  | 172   | 190  | -     | 219,5 |
| 90 B14                   | 140 | 139,5 | -     | 159   | 173  | 172   | 190  | -     | -     |
| 100-112 B5               | 250 | 149,5 | -     | 169,5 | -    | 182,5 | 200  | 204,5 | 229,5 |
| 100-112 B14              | 160 | 149,5 | -     | 169,5 | -    | 182,5 | 200  | -     | -     |
| 132 B5                   | 300 | -     | -     | -     | -    | 205   | -    | 227   | -     |
| 132 B14                  | 200 | -     | -     | -     | -    | 205   | -    | -     | -     |
| 160 B5                   | 350 | -     | -     | -     | -    | -     | -    | 255   | -     |
| 180 B5                   | 350 | -     | -     | -     | -    | -     | -    | 255   | -     |



P\_-

80-100-125  
132-150-170-190

HIGH TECH *line* Motion

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1.8 Dimensioni

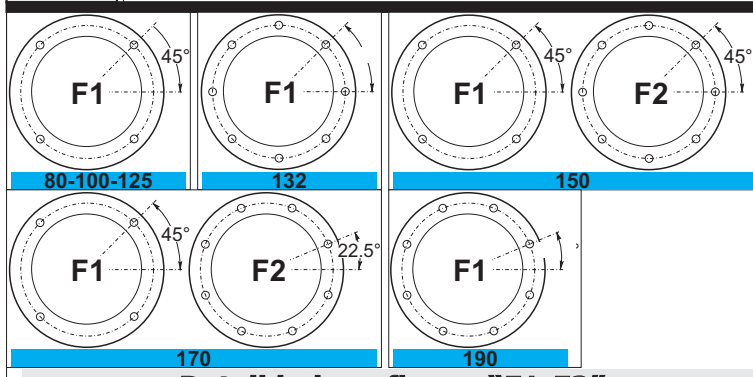
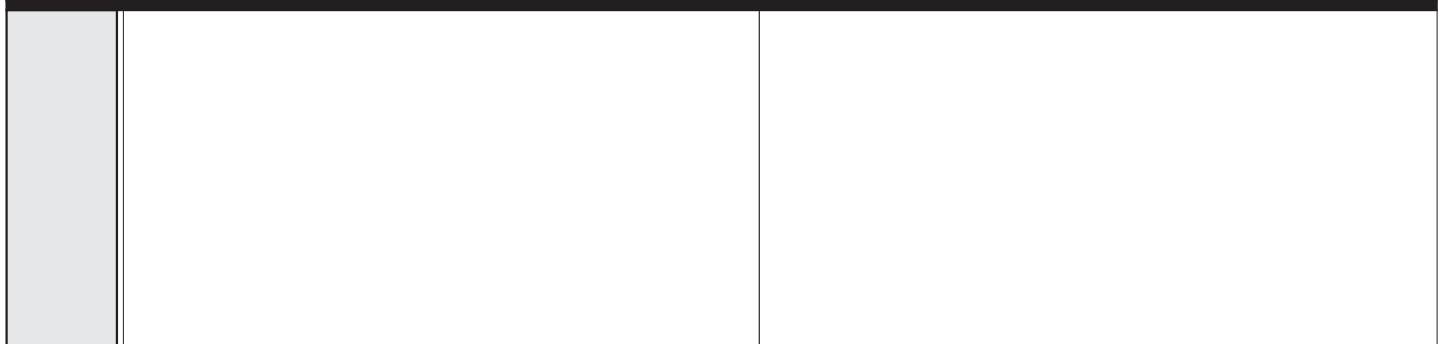
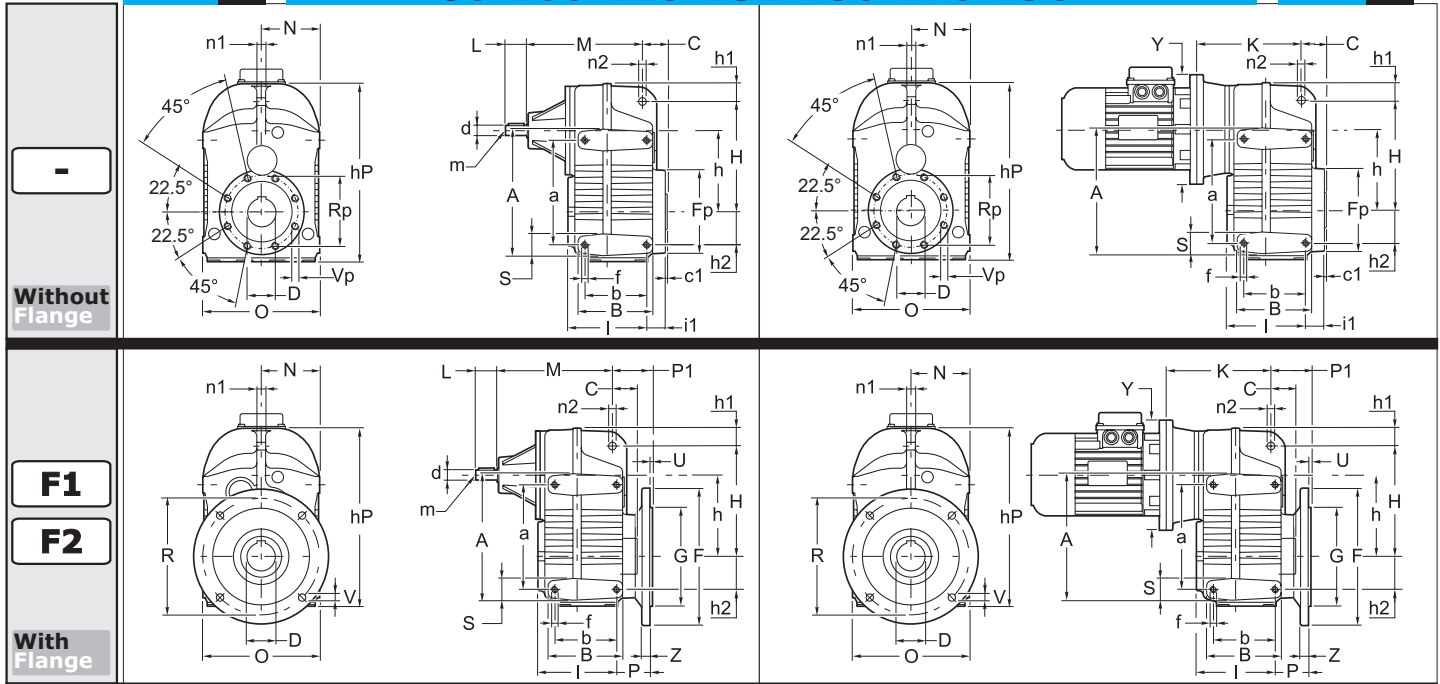
1.8 Dimensions

1.8 Abmessungen

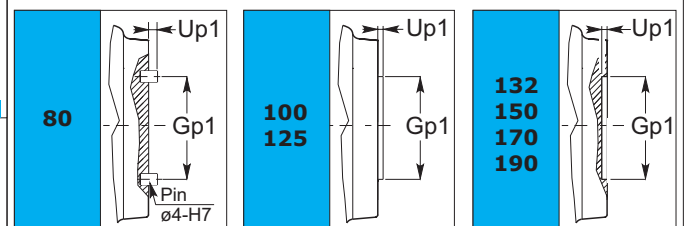
PR P

80-100-125-132-150-170-190

PM P



Detail holes - flange "F1-F2"



Detail flange - centering

| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          |     |      |     |     |     |     |
|---|----------|-----|------|-----|-----|-----|-----|
| Dimensions  | 80       | 100 | 125  | 132 | 150 | 170 | 190 |
| C   | 30       | 42  | 44,5 | 62  | 70  | 77  | 75  |
| c1  | 2        | 7,5 | 8,5  | 1   | 5,5 | 7   | 5   |
| D   | Standard | 32  | 45   | 55  | 60  | 70  | 100 |
|   | Optional | 30  | 40   | 50  | 70  | 80  | -   |
|   | Optional | 35  | 50   | 60  | -   | -   | -   |
|   | Optional | -   | -    | -   | -   | -   | -   |
| tolerance D   | H7       | H7  | H7   | H7  | H7  | H7  | H7  |
| h   | 141      | 176 | 222  | 235 | 277 | 320 | 360 |
| H   | 198      | 245 | 310  | 330 | 395 | 455 | 485 |
| h1  | 31,5     | 34  | 45   | 38  | 71  | 64  | 65  |
| hp  | 311      | 387 | 502  | 523 | 629 | 699 | 760 |
| n1  | 15       | 15  | 24   | 24  | 30  | 30  | 32  |
| n2  | 14       | 14  | 22   | 22  | 26  | 26  | 32  |

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CT17 IGBD 4.0





1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing |            |            |            |            |            |            |            |  |
|------------------|------------|------------|------------|------------|------------|------------|------------|--|
| Versions P_- P   | 80         | 100        | 125        | 132        | 150        | 170        | 190        |  |
| a                | 165        | 190        | 310        | 260        | 285        | 330        | 400        |  |
| A                | 187        | 225        | 350        | 300        | 333        | 390        | 470        |  |
| b                | 75         | 95         | 125        | 140        | 190        | 230        | 270        |  |
| B                | 95         | 130        | 158        | 180        | 240        | 282        | 325        |  |
| f                | N°8 M10x18 | N°8 M12x24 | N°8 M16x30 | N°8 M16x32 | N°8 M20x40 | N°8 M24x48 | N°8 M30x60 |  |
| h2               | 50         | 60         | 100        | 70         | 80         | 90         | 100        |  |
| l                | 103.5      | 120.5      | 148        | 190        | 227.5      | 260        | 300        |  |
| i1               | 22         | 25         | 21         | 50         | 37.5       | 30         | 30         |  |
| N                | 98         | 111.5      | 152.5      | 152.5      | 200        | 205.5      | 230        |  |
| O                | 196        | 223        | 305        | 305        | 400        | 411        | 460        |  |
| S                | 22         | 35         | 40         | 40         | 48         | 60         | 70         |  |

| F1-F2 - Flanged versions |          |          |          |          |          |          |         |          |          |
|--------------------------|----------|----------|----------|----------|----------|----------|---------|----------|----------|
| Flanged versions F1-F2   | 80       | 100      | 125      | 132      | 150      |          | 170     |          | 190      |
|                          | F1       | F1       | F1       | F1       | F1       | F2       | F1      | F2       | F1       |
| F                        | 250      | 250      | 350      | 350      | 400      | 450      | 400     | 450      | 550      |
| G                        | 180      | 180      | 250      | 250      | 300      | 350      | 300     | 350      | 450      |
| tolerance G              | g6       | F7       | g6       | g6       | g6       | g6       | g6      | g6       | g6       |
| P                        | 43.5     | 79.5     | 90       | 90       | 79.5     | 79.5     | 68.5    | 68.5     | 86       |
| P1                       | 53       | 88.5     | 110      | 106      | 111.5    | 111.5    | 114     | 114      | 131      |
| R                        | 215      | 215      | 300      | 300      | 350      | 400      | 350     | 400      | 500      |
| U                        | 4        | -5       | 5        | 5        | 5        | 5        | 5       | 5        | 5        |
| V                        | N°4 ø 14 | N°4 ø 13 | N°4 ø 18 | N°8 ø 18 | N°4 ø 18 | N°8 ø 19 | N°4 Ø18 | N°8 ø 18 | N°8 ø 19 |
| Z                        | 11       | 14       | 18       | 17       | 18       | 18       | 18      | 25       | 25       |

| Fixing - Flange Housing |           |           |            |            |            |            |            |  |
|-------------------------|-----------|-----------|------------|------------|------------|------------|------------|--|
| Fixing Flange Housing   | 80        | 100       | 125        | 132        | 150        | 170        | 190        |  |
| Fp                      | 120       | 150       | 200        | 210        | 242        | 275        | 310        |  |
| GP1                     | 88        | 110       | 140        | 140        | 160        | 180        | 200        |  |
| tolerance GP1           | +/-0,02   | g6        | g6         | H7         | H7         | H7         | H7         |  |
| Rp                      | 100       | 125       | 165        | 175        | 200        | 225        | 250        |  |
| Up1                     | 4         | 4,5       | 6          | 8          | 12         | 15         | 10         |  |
| Vp                      | N°8 M8x16 | N°8 M8x16 | N°8 M12x20 | N°8 M12x24 | N°8 M14x28 | N°8 M16x32 | N°8 M18x36 |  |

| P - R - Input version |       |       |       |       |        |        |        |  |
|-----------------------|-------|-------|-------|-------|--------|--------|--------|--|
| P - R                 | 80/2  | 100/2 | 125/2 | 132/2 | 150/2  | 170/2  | 190/2  |  |
| d                     | 19    | 24    | 28    | 28    | 38     | 48     | 48     |  |
| tolerance d           | j6    | j6    | j6    | j6    | j6     | k6     | k6     |  |
| L                     | 40    | 50    | 60    | 60    | 80     | 110    | 110    |  |
| m                     | M6x16 | M8x20 | M8    | M8x20 | M10x25 | M10x22 | M10x22 |  |
| M                     | 154   | 180   | 242   | 262,5 | 328    | 334    | 364    |  |

| P - M - Input version |     |      |       |       |       |       |       |       |       |       |
|-----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|
| P - M                 |     | 80/2 | 100/2 | 125/2 | 132/2 | 150/2 | 170/2 | 170/2 | 190/2 | 190/2 |
| IEC                   | Y   | K    | K     | K     | K     | K     | K     | K     | K     | K     |
| CF                    |     | -    | -     | -     | -     | -     | -     | VB-VN | -     | VB-VN |
| 80 B5                 | 200 | 139  | -     | -     | -     | -     | -     | -     | -     | -     |
| 80 B14                | 120 | 139  | -     | -     | -     | -     | -     | -     | -     | -     |
| 90 B5                 | 200 | 139  | -     | -     | -     | -     | -     | -     | -     | -     |
| 90 B14                | 140 | 139  | -     | -     | -     | -     | -     | -     | -     | -     |
| 100-112 B5            | 250 | 150  | 161   | 204   | 224,5 | 276   | -     | -     | -     | -     |
| 100-112 B14           | 160 | 150  | -     | -     | -     | -     | -     | -     | -     | -     |
| 132 B5                | 300 | 172  | 183,5 | 204   | 224,5 | 276   | 340,5 | -     | 370,5 | -     |
| 132 B14               | 200 | 172  | -     | 204   | 224,5 | 276   | -     | -     | -     | -     |
| 160 B5                | 350 | -    | 212   | 268   | 288,5 | 319,5 | 349,5 | -     | 379,5 | -     |
| 180 B5                | 350 | -    | 212   | 268   | 288,5 | 319,5 | 349,5 | -     | 379,5 | -     |
| 200 B5                | 400 | -    | -     | 273   | 293,5 | 324,5 | 354,5 | -     | 384,5 | -     |
| 225 B5                | 450 | -    | -     | -     | -     | 333,5 | 394,5 | 447   | 424,5 | 477   |
| 250 B5                | 550 | -    | -     | -     | -     | -     | 394,5 | 447   | 424,5 | 477   |
| 280 B5                | 550 | -    | -     | -     | -     | -     | -     | 447   | -     | 477   |



P\_E

125-132-150-170-190

HIGH TECH line Motion

FAMCO  
هایپرمنت

## 1.8 Dimensioni

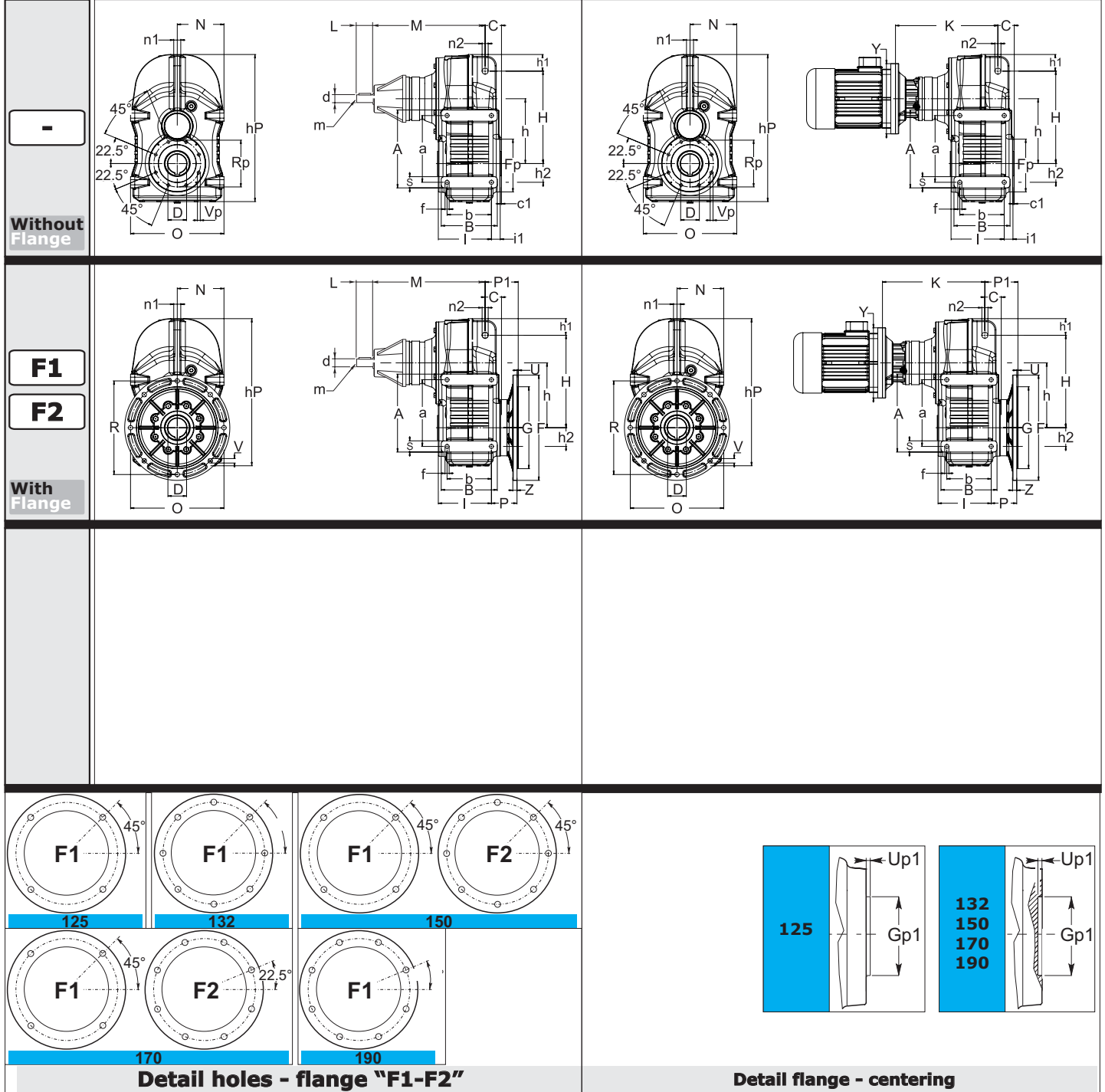
## 1.8 Dimensions

## 1.8 Abmessungen

PER P

125-132-150-170-190

PEMP



| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          |     |     |     |     |
|---|----------|-----|-----|-----|-----|
| Dimensions  | 125      | 132 | 150 | 170 | 190 |
| C   | 44,5     | 62  | 70  | 77  | 75  |
| c1  | 8,5      | 1   | 5,5 | 7   | 5   |
| D   | Standard | 55  | 60  | 70  | 90  |
|   | Optional | 50  | 70  | 80  | -   |
|   | Optional | 60  | -   | -   | -   |
|   | Optional | -   | -   | -   | -   |
| tolerance D   | H7       | H7  | H7  | H7  | H7  |
| h   | 222      | 235 | 277 | 320 | 360 |
| H   | 310      | 330 | 395 | 455 | 485 |
| h1  | 45       | 38  | 71  | 64  | 65  |
| hp  | 502      | 523 | 629 | 699 | 760 |
| n1  | 24       | 24  | 30  | 30  | 32  |
| n2  | 22       | 22  | 26  | 26  | 32  |

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CT17 IGBD 4.0

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روبروی پالایشگاه نفت پارس، پلاک ۱۳



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing  |            |            |            |            |            |  |
|-------------------|------------|------------|------------|------------|------------|--|
| Versions<br>P_E_P | 125        | 132        | 150        | 170        | 190        |  |
| a                 | 310        | 260        | 285        | 330        | 400        |  |
| A                 | 350        | 300        | 333        | 390        | 470        |  |
| b                 | 125        | 140        | 190        | 230        | 270        |  |
| B                 | 158        | 180        | 240        | 282        | 325        |  |
| f                 | N°8 M16x30 | N°8 M16x32 | N°8 M20x40 | N°8 M24x48 | N°8 M30x60 |  |
| h2                | 100        | 70         | 80         | 90         | 100        |  |
| l                 | 148        | 190        | 227,5      | 260        | 300        |  |
| i1                | 21         | 50         | 37,5       | 30         | 30         |  |
| N                 | 152,5      | 152,5      | 200        | 205,5      | 230        |  |
| O                 | 305        | 305        | 400        | 411        | 460        |  |
| S                 | 40         | 40         | 48         | 60         | 70         |  |

| F1-F2 - Flanged versions  |          |          |          |          |         |          |
|---------------------------|----------|----------|----------|----------|---------|----------|
| Flanged versions<br>F1-F2 | 125      | 132      | 150      | 170      | 190     |          |
|                           | F1       | F1       | F1       | F2       | F1      | F2       |
| F                         | 350      | 350      | 400      | 450      | 400     | 450      |
| G                         | 250      | 250      | 300      | 350      | 300     | 350      |
| tolerance<br>G            | g6       | g6       | g6       | g6       | g6      | g6       |
| P                         | 90       | 90       | 79,5     | 79,5     | 68,5    | 68,5     |
| P1                        | 110      | 106      | 111,5    | 111,5    | 114     | 114      |
| R                         | 300      | 300      | 350      | 400      | 350     | 400      |
| U                         | 5        | 5        | 5        | 5        | 5       | 5        |
| V                         | N°4 ø 18 | N°8 ø 18 | N°4 ø 18 | N°8 ø 19 | N°4 Ø18 | N°8 ø 18 |
| Z                         | 18       | 17       | 18       | 18       | 18      | 25       |

| Fixing - Flange Housing     |            |            |            |            |            |  |
|-----------------------------|------------|------------|------------|------------|------------|--|
| Fixing<br>Flange<br>Housing | 125        | 132        | 150        | 170        | 190        |  |
| Fp                          | 200        | 210        | 242        | 275        | 310        |  |
| GP1                         | 140        | 140        | 160        | 180        | 200        |  |
| tolerance<br>GP1            | g6         | H7         | H7         | H7         | H7         |  |
| Rp                          | 165        | 175        | 200        | 225        | 250        |  |
| Up1                         | 6          | 8          | 12         | 15         | 10         |  |
| Vp                          | N°8 M12x20 | N°8 M12x24 | N°8 M14x28 | N°8 M16x32 | N°8 M18x36 |  |

| P_E-R - Input version |       |       |       |       |       |  |
|-----------------------|-------|-------|-------|-------|-------|--|
| P_E_R                 | 125/4 | 132/4 | 150/4 | 170/4 | 190/4 |  |
| d                     | 38    | 38    | 38    | 38    | 38    |  |
| tolerance d           | h7    | h7    | h7    | h7    | h7    |  |
| L                     | 58    | 58    | 58    | 58    | 58    |  |
| m                     | M12   | M12   | M12   | M12   | M12   |  |
| M                     | 344   | 364,5 | 405,5 | 465,5 | 495,5 |  |

| P_E_M - Input version |       |       |       |       |       |       |
|-----------------------|-------|-------|-------|-------|-------|-------|
| P_E_M                 | 125/4 | 132/4 | 150/4 | 170/4 | 190/4 |       |
| IEC                   | Y     | K     | K     | K     | K     | K     |
| 63 B5                 | 140   | 336   | 356,5 | 397,5 | 457,5 | 487,5 |
| 71 B5                 | 160   | 336   | 356,5 | 397,5 | 457,5 | 487,5 |
| 80 B5                 | 200   | 336   | 356,5 | 397,5 | 457,5 | 487,5 |
| 90 B5                 | 200   | 336   | 356,5 | 397,5 | 457,5 | 487,5 |
| 100-112 B5            | 250   | 344   | 364,5 | 405,5 | 465,5 | 495,5 |
| 132 B5                | 300   | 365   | 385,5 | 426,5 | 486,5 | 516,5 |
| 160 B5                | 350   | 399   | 419,5 | 460,5 | 520,5 | 550,5 |
| 180 B5                | 350   | 399   | 419,5 | 460,5 | 520,5 | 550,5 |
| 200 B5                | 400   | -     | -     | -     | -     | -     |
| 225 B5                | 450   | -     | -     | -     | -     | -     |

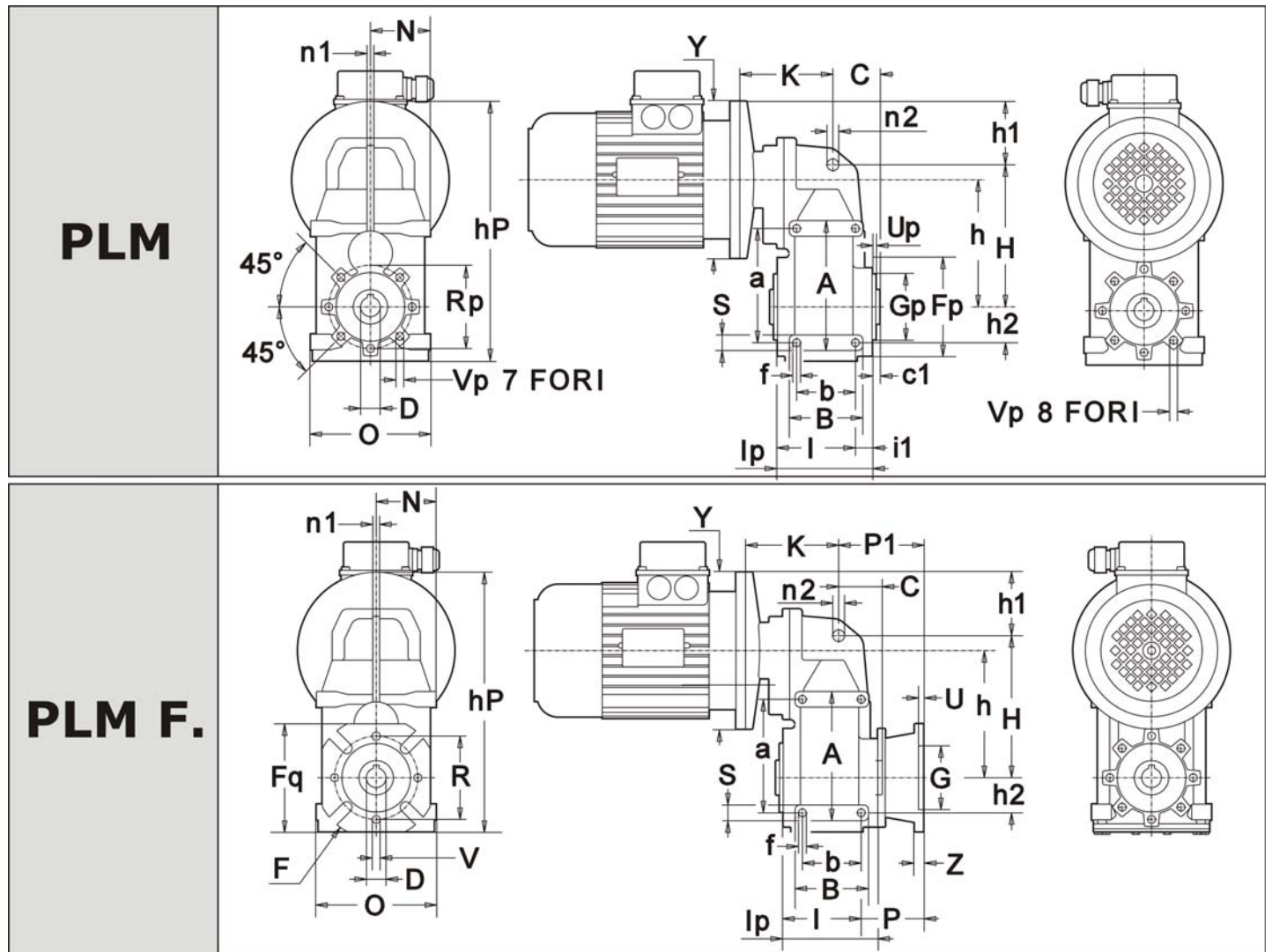


## 1.8 Dimensioni

## 1.8 Dimensions

## 1.8 Abmessungen

## PLM - 25-45



| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          |      |
|---|----------|------|
| Dimensions  | 25       | 45   |
| C   | 44,5     | 46   |
| c1  | 4,5      | 6    |
| D   | Standard | 20   |
|   | Optional | 19   |
|   | Optional | 24   |
| tolerance D   | H7       | H7   |
| h   | /3       | 125  |
|   | /4       | 135  |
| H   | 145      | 175  |
| h1  | 22       | 34,5 |
| hp  | 225      | 276  |
| n1  | 7        | 9    |
| n2  | 12       | 15   |
| lp  | 96,5     | 118  |

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1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing  |         |  |          |
|-------------------|---------|--|----------|
| Versions<br>P_L_P | 25      |  | 45       |
| a                 | 115     |  | 130      |
| A                 | 131     |  | 150      |
| b                 | 60      |  | 70       |
| B                 | 75      |  | 95       |
| f                 | M8 X 12 |  | M10 X 15 |
| h2                | 35      |  | 40       |
| l                 | 79.5    |  | 97.5     |
| i1                | 17      |  | 20.5     |
| N                 | 61      |  | 77       |
| O                 | 122     |  | 154      |
| S                 | 16      |  | 20       |

| FA-FB - Flanged versions  |      |       |      |      |
|---------------------------|------|-------|------|------|
| Flanged versions<br>FA-FB | 25   |       | 45   |      |
|                           | FA   | FB    | FA   | FB   |
| F                         | 125  | 125   | 180  | 180  |
| Fq                        | 110  | 110   | 142  | 142  |
| G                         | 70   | 70    | 115  | 115  |
| tolerance<br>G            | F8   | F8    | F8   | F8   |
| P                         | 63.5 | 93.5  | 49.5 | 79.5 |
| P1                        | 86.5 | 116.5 | 69   | 99   |
| R                         | 85   | 85    | 150  | 150  |
| U                         | 5    | 5     | 5    | 5    |
| V                         | 11   | 11    | 11   | 11   |
| Z                         | 9    | 9     | 10   | 10   |

| Fixing - Flange Housing     |         |  |         |
|-----------------------------|---------|--|---------|
| Fixing<br>Flange<br>Housing | 25      |  | 45      |
| Fp                          | 100     |  | 110     |
| GP                          | 70      |  | 80      |
| tolerance<br>GP             | -       |  | -       |
| Rp                          | 85      |  | 95      |
| Up                          | 2,5     |  | 3       |
| Vp                          | M8 X 10 |  | M8 X 10 |

| P_L_R - Input version |    |  |    |
|-----------------------|----|--|----|
| P_L_R                 | 25 |  | 45 |
| d                     | -  |  | -  |
| tolerance d           |    |  |    |
| L                     | -  |  | -  |
| m                     | -  |  | -  |
| M                     | -  |  | -  |

| P_L_M - Input version |     |       |        |        |      |
|-----------------------|-----|-------|--------|--------|------|
| P_L_M                 |     | 25/3  | 25/4   | 45/3   | 45/4 |
| IEC                   | Y   | K     | K      | K      | K    |
| 56 B5                 | 120 | -     | 112,5  | -      | -    |
| 56 B14                | 80  | -     | 112,5• | -      | -    |
| 63 B5                 | 140 | 95    | 112,5  | -      | -    |
| 63 B14                | 90  | 95•   | 112,5  | -      | -    |
| 71 B5                 | 160 | 95    | -      | 133,5  | 150  |
| 71 B14                | 105 | 95    | -      | 133,5• | -    |
| 80 B5                 | 200 | 104,5 | -      | 133,5  | -    |
| 80 B14                | 120 | 104,5 | -      | 133,5  | -    |
| 90 B5                 | 200 | -     | -      | 144    | 150  |
| 90 B14                | 140 | -     | -      | 144    | -    |
| 100-112 B5            | 250 | -     | -      | 146    | -    |
| 100-112 B14           | 160 | -     | -      | 146    | -    |

(•) Vedi designazione 16 - PMT

(•) See designation 16 - PMT

(•) Siehe Beschreibung 16 - PMT





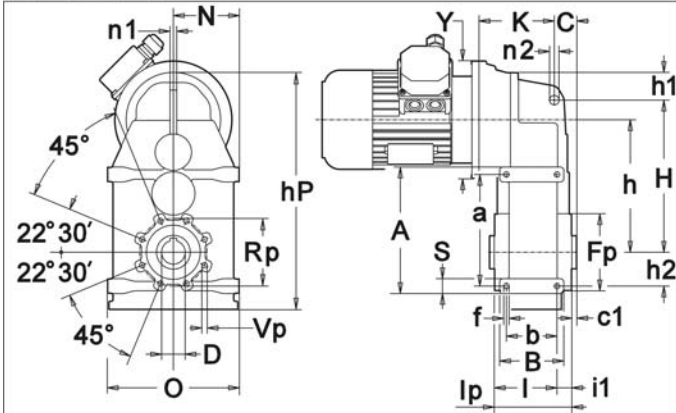
1.8 Dimensioni

1.8 Dimensions

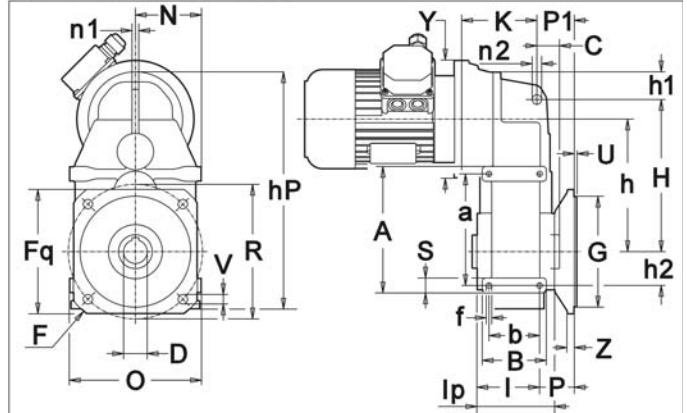
1.8 Abmessungen

PLM - 65

PLM



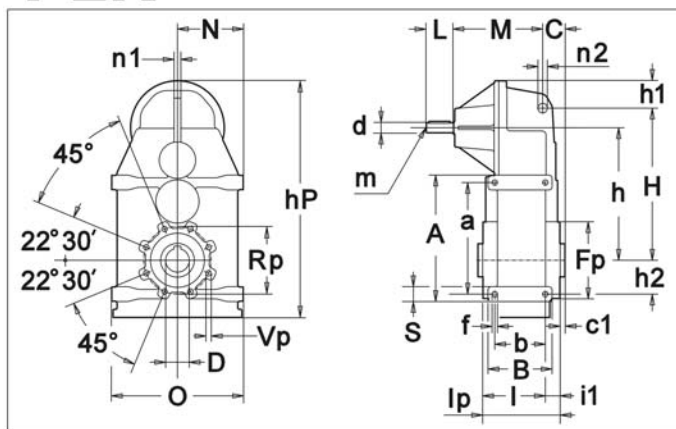
PLM F...



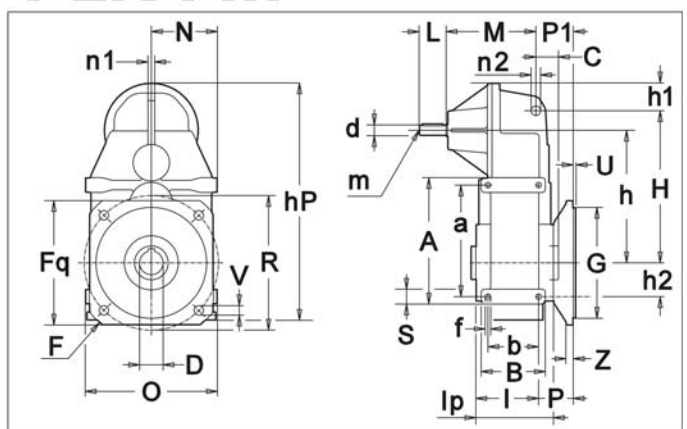
| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          | 65   |
|---|----------|------|
| C   |          | 33.5 |
| c1  |          | 7.5  |
| D   | Standard | 35   |
|   | Optional | 30   |
|   | Optional | -    |
| tolerance D   |          | H7   |
| h   | /3       | 196  |
|   | /4       | -    |
| H   |          | 225  |
| h1  |          | 41   |
| hp  |          | 355  |
| n1  |          | 10   |
| n2  |          | 14   |
| lp  |          | 115  |

PLR - 65

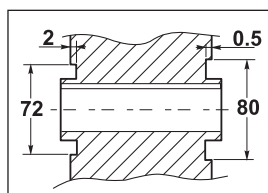
PLR



PLR F...



Flange centering detail.  
"G<sub>p</sub>" quota.





1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing      |           |
|-----------------------|-----------|
| <b>Versions P_L_P</b> | <b>65</b> |
| a                     | 165       |
| A                     | 187       |
| b                     | 75        |
| B                     | 95        |
| f                     | M8 X 16   |
| h2                    | 50        |
| l                     | 93        |
| i1                    | 22        |
| N                     | 98        |
| O                     | 196       |
| S                     | 22        |

| F1 - Flanged versions      |           |
|----------------------------|-----------|
| <b>Flanged versions F1</b> | <b>65</b> |
| F                          | 250       |
| Fq                         | 200       |
| G                          | 180       |
| tolerance G                | g6        |
| P                          | 43.5      |
| P1                         | 47.5      |
| R                          | 215       |
| U                          | 4         |
| V                          | 14        |
| Z                          | 11        |

| Fixing - Flange Housing      |           |
|------------------------------|-----------|
| <b>Fixing Flange Housing</b> | <b>65</b> |
| Fp                           | 120       |
| GP                           | 72/80     |
| tolerance GP                 | -         |
| Rp                           | 100       |
| Up                           | 2         |
| Vp                           | M8 X 16   |

| P_L_R - Input version |           |
|-----------------------|-----------|
| <b>P_L_R</b>          | <b>65</b> |
| d                     | 16        |
| tolerance d           | h6        |
| L                     | 40        |
| m                     | M6        |
| M                     | 133.5     |

| P_L_M - Input version |     |                   |
|-----------------------|-----|-------------------|
| <b>P_L_M</b>          |     | <b>65/3 - (•)</b> |
| IEC                   | Y   | K                 |
| 63 B5                 | 140 | 104.5             |
| 63 B14                | 90  | -                 |
| 71 B5                 | 160 | 104.5             |
| 71 B14                | 105 | -                 |
| 80 B5                 | 200 | 124.5             |
| 80 B14                | 120 | 124,5             |
| 90 B5                 | 200 | 124,5             |
| 90 B14                | 140 | 124,5             |
| 100-112 B5            | 250 | 134.5             |
| 100-112 B14           | 160 | 134,5             |
| 225 B5                | 450 | -                 |
| 250 B5                | 550 | -                 |

(•) Vedi designazione 16 - PMT

(•) See designation 16 - PMT

(•) Siehe Beschreibung 16 - PMT



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing  |       |  |       |
|-------------------|-------|--|-------|
| Versions<br>P_L_P | 85    |  | 95    |
| a                 | 190   |  | 240   |
| A                 | 220   |  | 275   |
| b                 | 95    |  | 110   |
| B                 | 120   |  | 140   |
| f                 | M12   |  | M14   |
| h2                | 60    |  | 70    |
| l                 | 115   |  | 136.5 |
| i1                | 25    |  | 26.5  |
| N                 | 111.5 |  | 136.5 |
| O                 | 223   |  | 273   |
| S                 | 30    |  | 35    |

| F1-F2 - Flanged versions  |               |                |                |
|---------------------------|---------------|----------------|----------------|
| Flanged versions<br>F1-F2 | 85            |                | 95             |
| F                         | 250           | 300            | 350            |
| Fq                        | -             | -              | -              |
| G                         | 180           | 230            | 250            |
| tolerance<br>G            | F8            | F8             | g6             |
| P                         | 80.5          | 55.5           | 95.5           |
| P1                        | 89            | 72.5           | 112.5          |
| R                         | 215           | 265            | 300            |
| U                         | 5             | 6              | 5              |
| V                         | n°4 fori ø 13 | n° 8 fori ø 14 | n° 4 fori ø 18 |
| Z                         | 14            | 16             | 18             |

| Fixing - Flange Housing     |         |  |     |
|-----------------------------|---------|--|-----|
| Fixing<br>Flange<br>Housing | 85      |  | 95  |
| Fp                          | 150     |  | 200 |
| GP                          | 110     |  | 140 |
| tolerance<br>GP             | -       |  | -   |
| Rp                          | 125     |  | 165 |
| Up                          | 4.5     |  | 6   |
| Vp                          | M8 X 12 |  | M12 |

| P_L_R - Input version |     |  |       |
|-----------------------|-----|--|-------|
| P_L_R                 | 85  |  | 95    |
| d                     | 19  |  | 24    |
| tolerance d           | h6  |  | h6    |
| L                     | 40  |  | 50    |
| m                     | M6  |  | M8    |
| M                     | 155 |  | 170.5 |

| P_L_M - Input version |     |            |            |
|-----------------------|-----|------------|------------|
| P_L_M                 |     | 85/3 - (•) | 95/3 - (•) |
| IEC                   | Y   | K          | K          |
| 71 B5                 | 160 | 121        | -          |
| 71 B14                | 105 | -          | -          |
| 80 B5                 | 200 | 136        | 151.5      |
| 80 B14                | 120 | 136        | -          |
| 90 B5                 | 200 | 136        | 151.5      |
| 90 B14                | 140 | 136        | -          |
| 100-112 B5            | 250 | 146        | 161.5      |
| 100-112 B14           | 160 | 146        | -          |
| 132 B5                | 300 | 170        | 182.5      |
| 132 B14               | 200 | 170        | -          |
| 160 B5                | 350 | -          | 212.5      |

(•) Vedi designazione 16 - PMT

(•) See designation 16 - PMT

(•) Siehe Beschreibung 16 - PMT



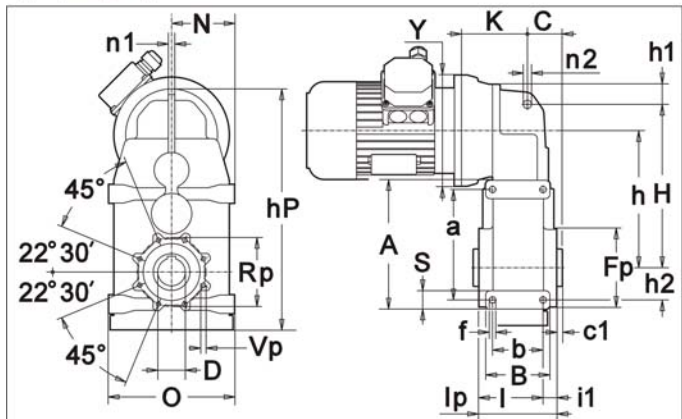
1.8 Dimensioni

1.8 Dimensions

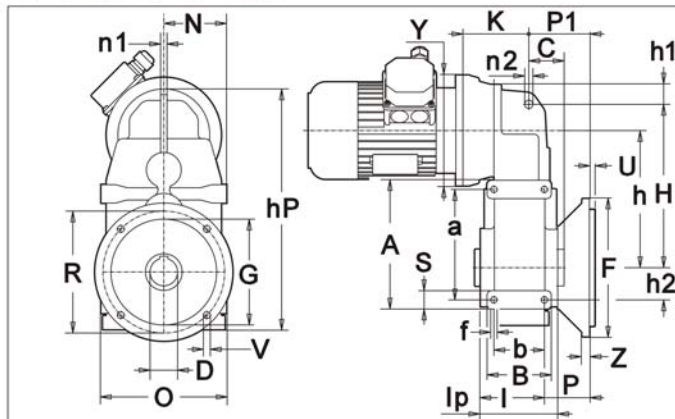
1.8 Abmessungen

PLM 105

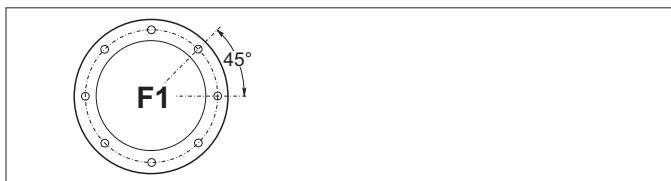
PLM



PLM F...

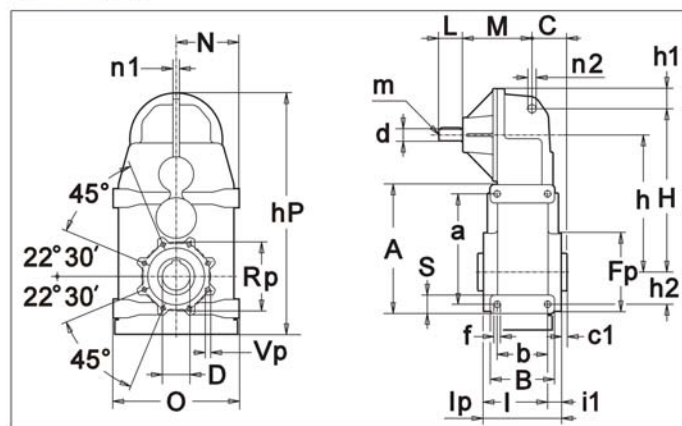


| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          | 105        |
|---|----------|------------|
| <b>Dimensions</b>   |          | <b>105</b> |
| C   |          | 85.5       |
| c1  |          | 1          |
| D   | Standard | 60         |
|   | Optional | 70         |
|   | Optional | -          |
| tolerance D   |          | H7         |
| h   | /3       | 311        |
|   | /4       | -          |
| H   |          | 375        |
| h1  |          | 36         |
| hp  |          | 554        |
| n1  |          | 20         |
| n2  |          | 22         |
| lp  |          | 240        |

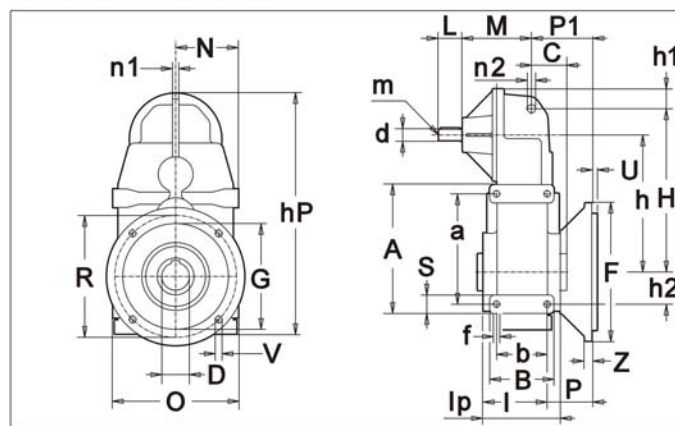


PLR 105

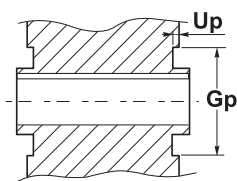
PLR



PLR F...



Flange centering detail.  
"Gp" quota.





1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing      |            |
|-----------------------|------------|
| <b>Versions P_L_P</b> | <b>105</b> |
| a                     | 260        |
| A                     | 300        |
| b                     | 140        |
| B                     | 180        |
| f                     | M16 X 30   |
| h2                    | 70         |
| l                     | 190        |
| i1                    | 50         |
| N                     | 152.5      |
| O                     | 305        |
| S                     | 40         |

| F1 - Flanged versions      |                |
|----------------------------|----------------|
| <b>Flanged versions F1</b> | <b>105</b>     |
|                            | <b>F1</b>      |
| F                          | 350            |
| Fq                         | -              |
| G                          | 250            |
| tolerance G                | g6             |
| P                          | 90             |
| P1                         | 124.5          |
| R                          | 300            |
| U                          | 5              |
| V                          | n° 8 fori ø 18 |
| Z                          | 17             |

| Fixing - Flange Housing      |            |
|------------------------------|------------|
| <b>Fixing Flange Housing</b> | <b>105</b> |
| Fp                           | 210        |
| GP                           | 140        |
| tolerance GP                 | -          |
| Rp                           | 175        |
| Up                           | 5          |
| Vp                           | M12 X 24   |

| P_L_R - Input version |            |
|-----------------------|------------|
| <b>P_L_R</b>          | <b>105</b> |
| d                     | 24         |
| tolerance d           | h6         |
| L                     | 50         |
| m                     | M8         |
| M                     | 171        |

| P_L_M - Input version |     |                    |
|-----------------------|-----|--------------------|
| <b>P_L_M</b>          |     | <b>105/3 - (•)</b> |
| IEC                   | Y   | K                  |
| 80 B5                 | 200 | 152                |
| 80 B14                | 120 | -                  |
| 90 B5                 | 200 | 152                |
| 90 B14                | 140 | -                  |
| 100-112 B5            | 250 | 162                |
| 100-112 B14           | 160 | -                  |
| 132 B5                | 300 | 183                |
| 132 B14               | 200 | -                  |
| 160 B5                | 350 | 213                |

(•) Vedi designazione 16 - PMT

(•) See designation 16 - PMT

(•) Siehe Beschreibung 16 - PMT





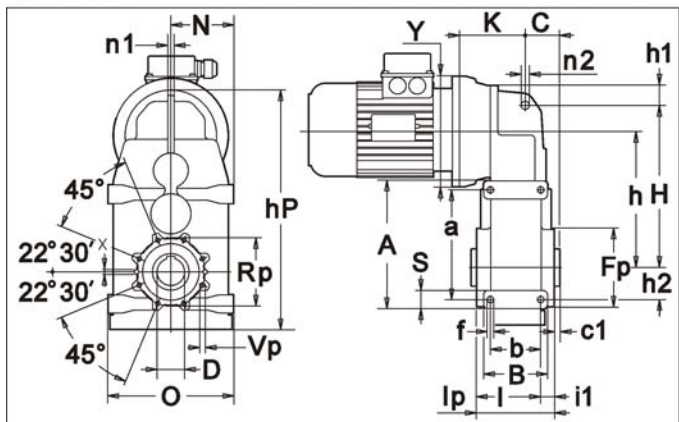
1.8 Dimensioni

1.8 Dimensions

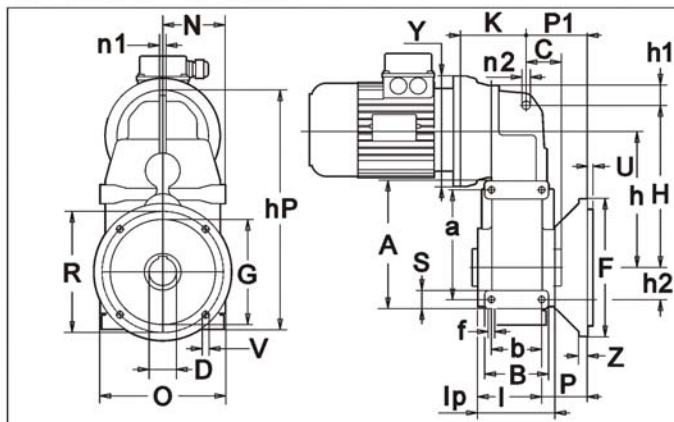
1.8 Abmessungen

PLM 115-125-135

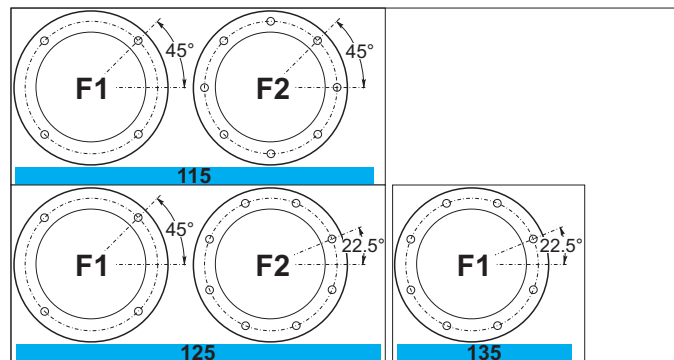
PLM



PLM F...



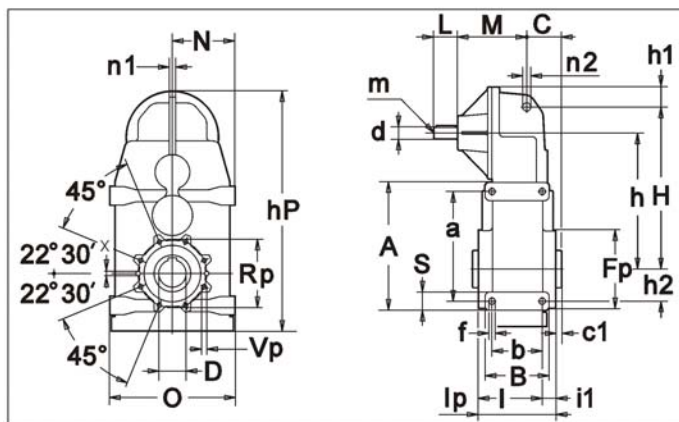
| Dimensioni generali / Dimensions / Allgemeine Abmessungen |          |     |      |
|---|----------|-----|------|
| Dimensions  | 115      | 125 | 135  |
| C   | 83.5     | 74  | 85.5 |
| c1  | 4.5      | 6   | 5    |
| D   | Standard | 70  | 90   |
|   | Optional | 80  | -    |
|   | Optional | -   | -    |
| tolerance D   | H7       | H7  | H7   |
| h   | /3       | 372 | 432  |
|   | /4       | -   | -    |
| H   | 450      | 550 | 595  |
| h1  | 47       | 57  | 65   |
| hp  | 666      | 793 | 886  |
| n1  | 20       | 28  | 32   |
| n2  | 22       | 26  | 32   |
| lp  | 265      | 290 | 330  |



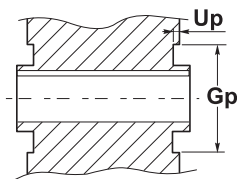
Detail holes - flange "F1-F2"

PLR 115-125-135

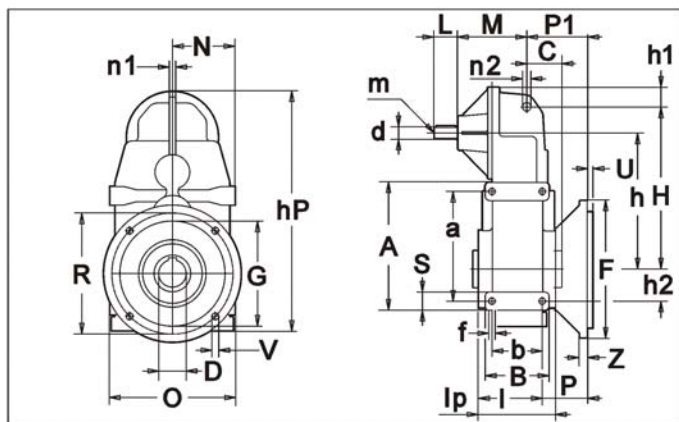
PLR



Flange centering detail. "Gp" quota.



PLR F...





1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

| P - Foot housing  |          |          |          |
|-------------------|----------|----------|----------|
| Versions<br>P_L_P | 115      | 125      | 135      |
| a                 | 285      | 330      | 400      |
| A                 | 333      | 390      | 470      |
| b                 | 190      | 230      | 270      |
| B                 | 230      | 282      | 325      |
| f                 | M16 X 30 | M20 X 35 | M30 X 50 |
| h2                | 80       | 90       | 100      |
| l                 | 227.5    | 260      | 300      |
| i1                | 37.5     | 30       | 30       |
| N                 | 172.5    | 205.5    | 230      |
| O                 | 345      | 411      | 460      |
| S                 | 48       | 60       | 70       |

| F1-F2 - Flanged versions     |                |                |                |                |                |
|------------------------------|----------------|----------------|----------------|----------------|----------------|
| Flanged<br>versions<br>F1-F2 | 115            |                | 125            |                | 135            |
|                              | F1             | F2             | F1             | F2             | F1             |
| F                            | 400            | 450            | 400            | 450            | 550            |
| Fq                           | -              | -              | -              | -              | -              |
| G                            | 300            | 350            | 300            | 350            | 450            |
| tolerance<br>G               | g6             | g6             | g6             | g6             | g6             |
| P                            | 79.5           | 79.5           | 68.5           | 68.5           | 86             |
| P1                           | 121            | 121            | 107            | 107            | 136.5          |
| R                            | 350            | 400            | 350            | 400            | 500            |
| U                            | 5              | 5              | 5              | 5              | 5              |
| V                            | n° 4 fori ø 18 | n° 8 fori ø 19 | n° 4 fori ø 18 | n° 8 fori ø 18 | n° 8 fori ø 18 |
| Z                            | 18             | 18             | 18             | 25             | 25             |

| Fixing - Flange Housing     |          |          |          |
|-----------------------------|----------|----------|----------|
| Fixing<br>Flange<br>Housing | 115      | 125      | 135      |
| Fp                          | 240      | 275      | 310      |
| GP                          | 160      | 180      | 200      |
| tolerance<br>GP             | -        | -        | -        |
| Rp                          | 200      | 225      | 250      |
| Up                          | 5        | 5        | 5        |
| Vp                          | M14 X 28 | M16 X 36 | M18 X 36 |

| P_L_R - Input version |     |       |     |
|-----------------------|-----|-------|-----|
| P_L_R                 | 115 | 125   | 135 |
| d                     | 28  | 38    | 48  |
| tolerance d           | h6  | h6    | k6  |
| L                     | 60  | 80    | 110 |
| m                     | M8  | M10   | M10 |
| M                     | 235 | 339.5 | 320 |

| P_L_M - Input version |     |       |       |        |
|-----------------------|-----|-------|-------|--------|
| P_L_M                 |     | 115/3 | 125/3 | 135/3  |
| IEC                   | Y   | K     | K     | K      |
| 100-112 B5            | 250 | 197   | 287.5 | -      |
| 100-112 B14           | 160 | -     | -     | -      |
| 132 B5                | 300 | 197   | 287.5 | 326.75 |
| 132 B14               | 200 | 197   | 287,5 | -      |
| 160 B5                | 350 | 261   | 331   | 335.75 |
| 180 B5                | 350 | 261   | 331   | 335,75 |
| 200 B5                | 400 | 266   | 336   | 340.75 |
| 225 B5                | 450 | -     | 345   | 380,75 |
| 250 B5                | 550 | -     | -     | 380,75 |



ESTREMITA USCITA - Accessori - Opzioni  
OUTPUT CONFIGURATIONS - Accessories - Options  
ENDEN DER AUSGANGSWELLEN - Zubehör - Optionen

STIM  
team

STIM  
team

|  |  |  |             |
|--|--|--|-------------|
|  |  | Output shaft<br>Double integral output shaft | <b>E181</b> |
|  |  | Hollow shaft with keyway                     | <b>E182</b> |
|  |  | Quick Locking<br>Adjustement "Quick Locking" | <b>E186</b> |
|  |  | Hollow shaft with shrink disk                | <b>E188</b> |
|  |  | Splined hollow shaft                         | <b>E190</b> |
|  |  | Splined output shaft<br>Double splined shaft | <b>E192</b> |
|  |  | Broached flange<br>Double broached flange    | <b>E194</b> |

|           |           |             |           |           |
|-----------|-----------|-------------|-----------|-----------|
|           |           |             |           |           |
| <b>AL</b> | <b>AV</b> | <b>PROT</b> | <b>RR</b> | <b>FF</b> |

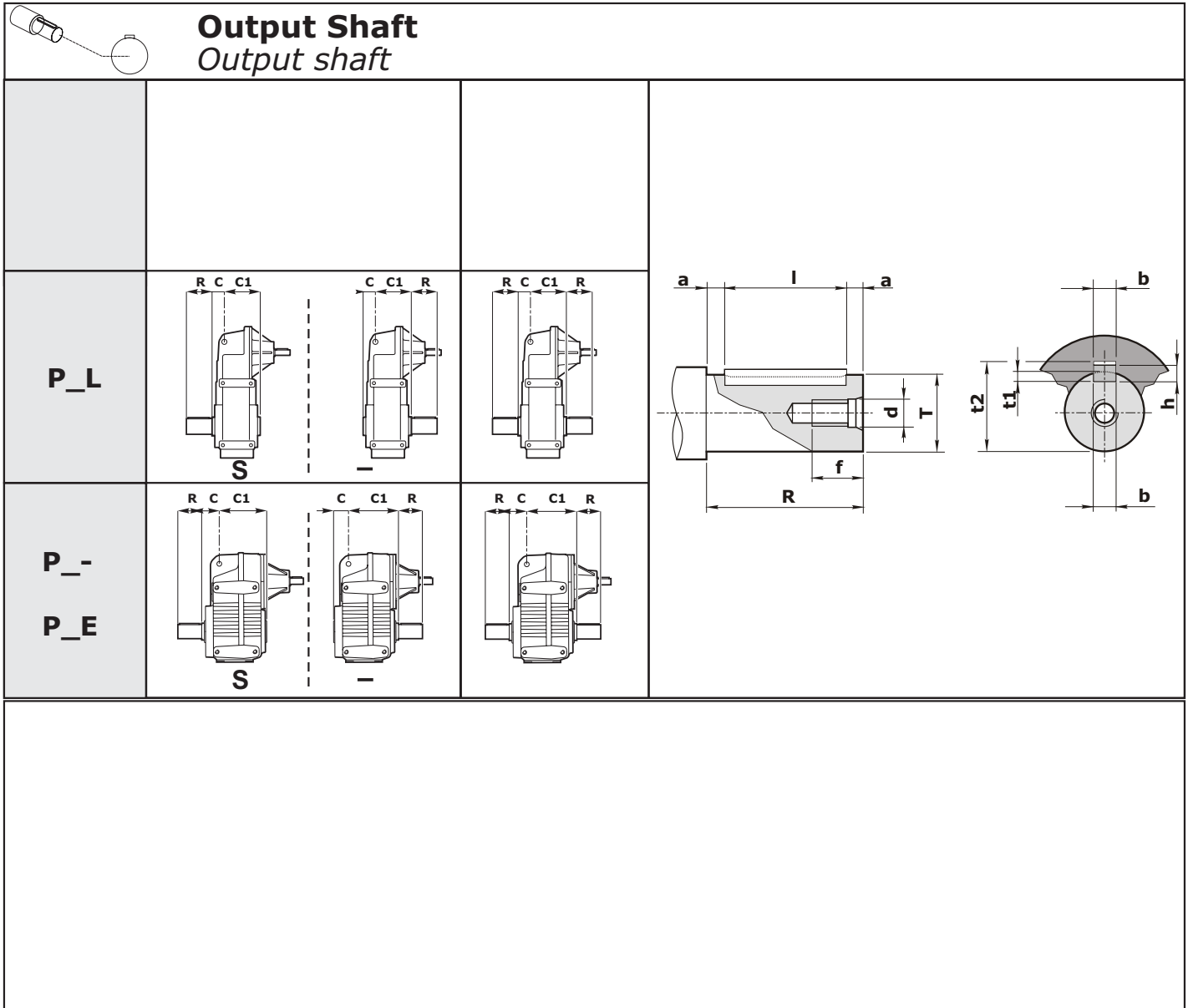
OPT - ACC. -  
Accessories - Options **E196**



Sporgente Integrale

Output shaft

Vollwelle



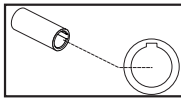
| P_- | P_L | P_E |           | Ø Shaft |          |                  |                    | Tapped hole |    | Keyway |     |       | Shaft end |     | Key       |
|-----|-----|-----|-----------|---------|----------|------------------|--------------------|-------------|----|--------|-----|-------|-----------|-----|-----------|
|     |     |     |           | T       | tol<br>T | C                | C1                 | d           | f  | b      | t1  | t2    | R         | a   | bxhxl     |
| -   | 25  | -   | Standard  | 20      | g6       | 44.5             | 60.5               | M 6         | 15 | 6      | 3.5 | 22.8  | 40        | 8   | 6x6x25    |
| -   | 45  | -   | Standard  | 30      | g6       | 46               | 84                 | M 10        | 25 | 8      | 4   | 33.3  | 60        | 5   | 8x7x50    |
| 63  | -   | -   | Standard  | 30      | g6       | 31.5             | 88.5               | M 10        | 25 | 8      | 4   | 33.3  | 60        | 5   | 8X7X50    |
| 71  | -   | -   | Standard  | 35      | g6       | 35               | 115                | M 10        | 25 | 10     | 5   | 38.3  | 70        | 5   | 10X8X60   |
| -   | 65  | -   | Standard  | 35      | g6       | 33.5             | 96.5               | M 10        | 25 | 10     | 5   | 38.3  | 70        | 5   | 10x8x60   |
| 80  | -   | -   | Standard  | 32      | k6       | 30               | 100                | M8          | 22 | 10     | 5   | 35.3  | 60        | 5   | 10x8x50   |
| 90  | -   | -   | Standard  | 40      | g6       | 45               | 135                | M 10        | 25 | 12     | 5   | 43.3  | 80        | 5   | 12X8X70   |
| -   | 85  | -   | Standard  | 45      | g6       | 42               | 113                | M 10        | 25 | 14     | 5.5 | 48.3  | 90        | 5   | 14x9x80   |
| 100 | -   | -   | Standard  | 45      | g6       | 42               | 113                | M 10        | 25 | 14     | 5.5 | 48.8  | 90        | 5   | 14x9x80   |
| 112 | -   | -   | Standard  | 50      | g6       | 50 - N<br>51 - B | 160 - N<br>161 - B | M 12        | 32 | 14     | 5.5 | 53.8  | 100       | 5   | 14X9X90   |
| -   | 95  | -   | Standard  | 55      | g6       | 52               | 128                | M 12        | 32 | 16     | 6   | 59.3  | 110       | 5   | 16x10x100 |
| 125 | -   | 125 | Standard  | 55      | g6       | 44.5             | 135.5              | M 12        | 32 | 16     | 6   | 59.3  | 110       | 5   | 16X10X100 |
| -   | 105 | -   | Standard  | 60      | m6       | 85.5             | 156.5              | M 12        | 35 | 18     | 7   | 64.4  | 112       | 6   | 18x11x100 |
| -   | -   | -   | Opzionale | 70      | m6       | 85.5             | 156.5              | M 16        | 39 | 20     | 7.5 | 74.9  | 125       | 7.5 | 20x12x110 |
| 132 | -   | 132 | Standard  | 60      | m6       | 62               | 180                | M12         | 35 | 18     | 7   | 64.4  | 112       | 6   | 18x11x100 |
| -   | -   | -   | Opzionale | 70      | m6       | 62               | 180                | M16         | 39 | 20     | 7.5 | 74.9  | 125       | 7.5 | 20x12x110 |
| -   | 115 | -   | Standard  | 70      | m6       | 83.5             | 190.5              | M 16        | 39 | 20     | 7.5 | 74.9  | 125       | 7.5 | 20x12x100 |
| -   | -   | -   | Opzionale | 80      | m6       | 83.5             | 190.5              | M 16        | 39 | 22     | 9   | 85.4  | 140       | 7.5 | 22x14x125 |
| 150 | -   | 150 | Standard  | 70      | m6       | 70               | 204                | M16         | 39 | 20     | 7.5 | 74.9  | 125       | 7.5 | 20x12x110 |
| -   | -   | -   | Opzionale | 80      | m6       | 70               | 204                | M16         | 39 | 22     | 9   | 85.4  | 140       | 7.5 | 22x14x125 |
| -   | 125 | -   | Standard  | 90      | m6       | 74.3             | 227.8              | M 16        | 39 | 25     | 9   | 95.4  | 160       | 10  | 25x14x140 |
| 170 | -   | 170 | Standard  | 90      | m6       | 77               | 225                | M16         | 39 | 25     | 9   | 95.4  | 160       | 10  | 25x14x140 |
| -   | 135 | -   | Standard  | 100     | m6       | 85.5             | 254.5              | M 20        | 46 | 28     | 10  | 106.4 | 180       | 10  | 28x16x160 |
| 190 | -   | 190 | Standard  | 100     | m6       | 75               | 265                | M20         | 46 | 28     | 10  | 106.4 | 180       | 10  | 28x16x160 |



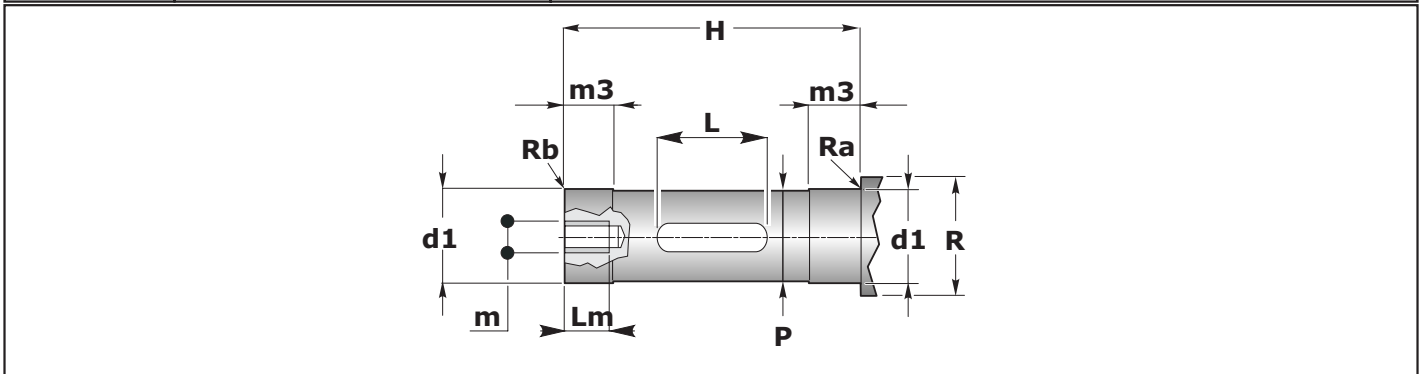
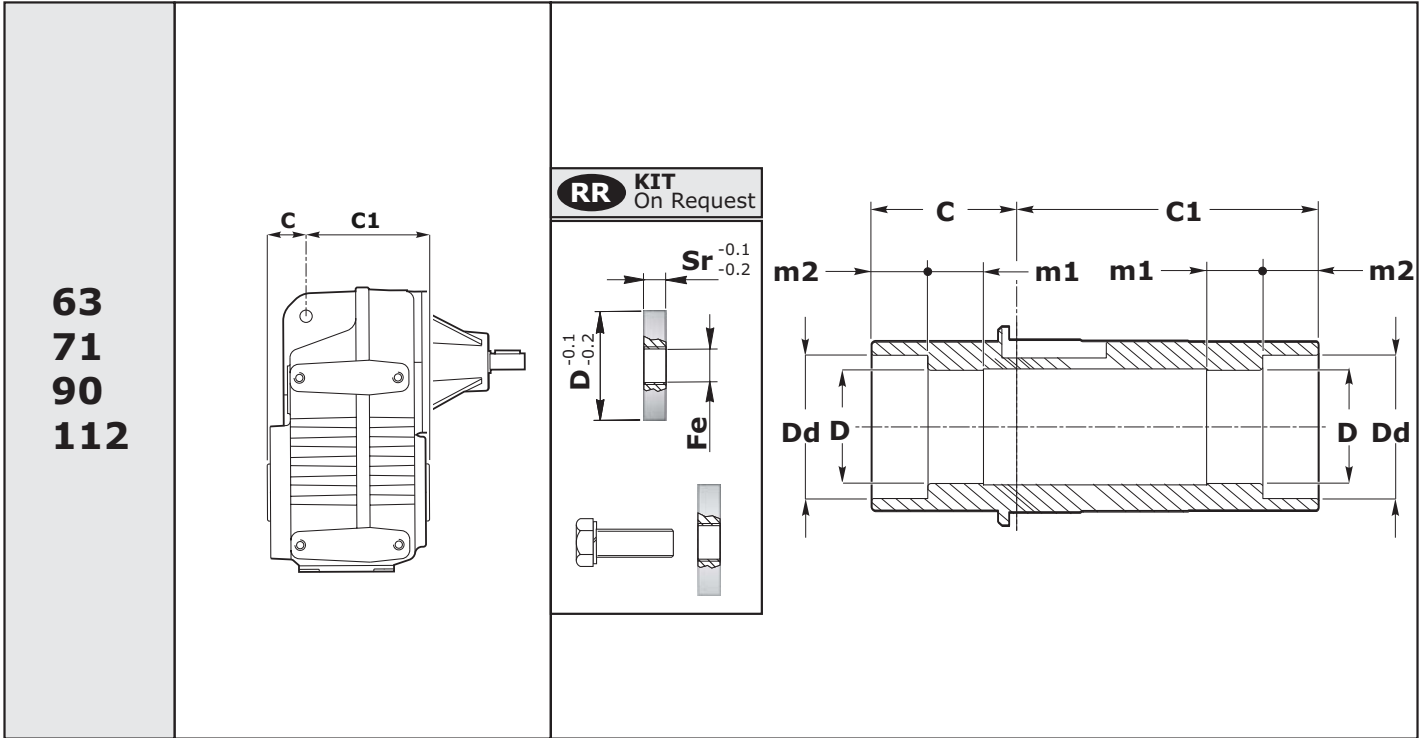
Albero cavo

Hollow shaft

Hohlwelle



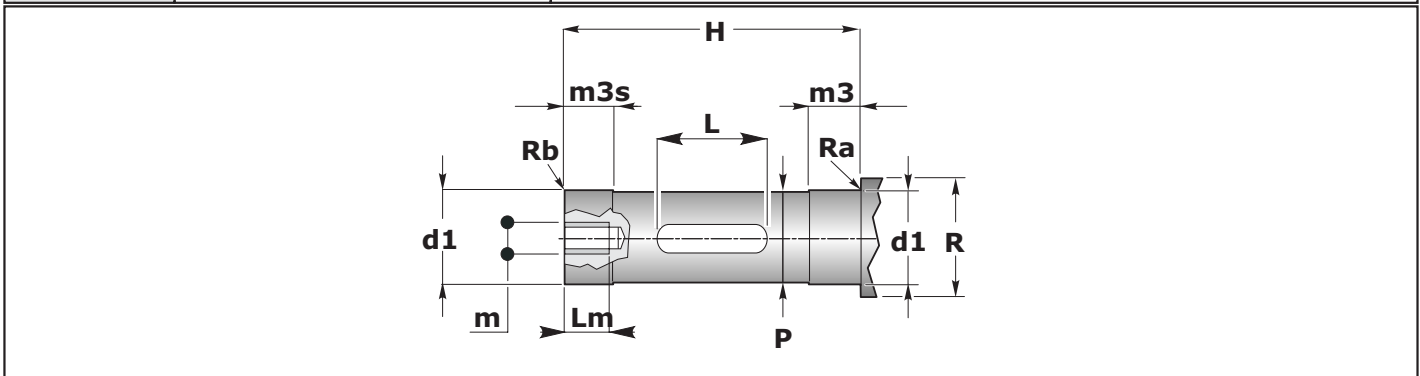
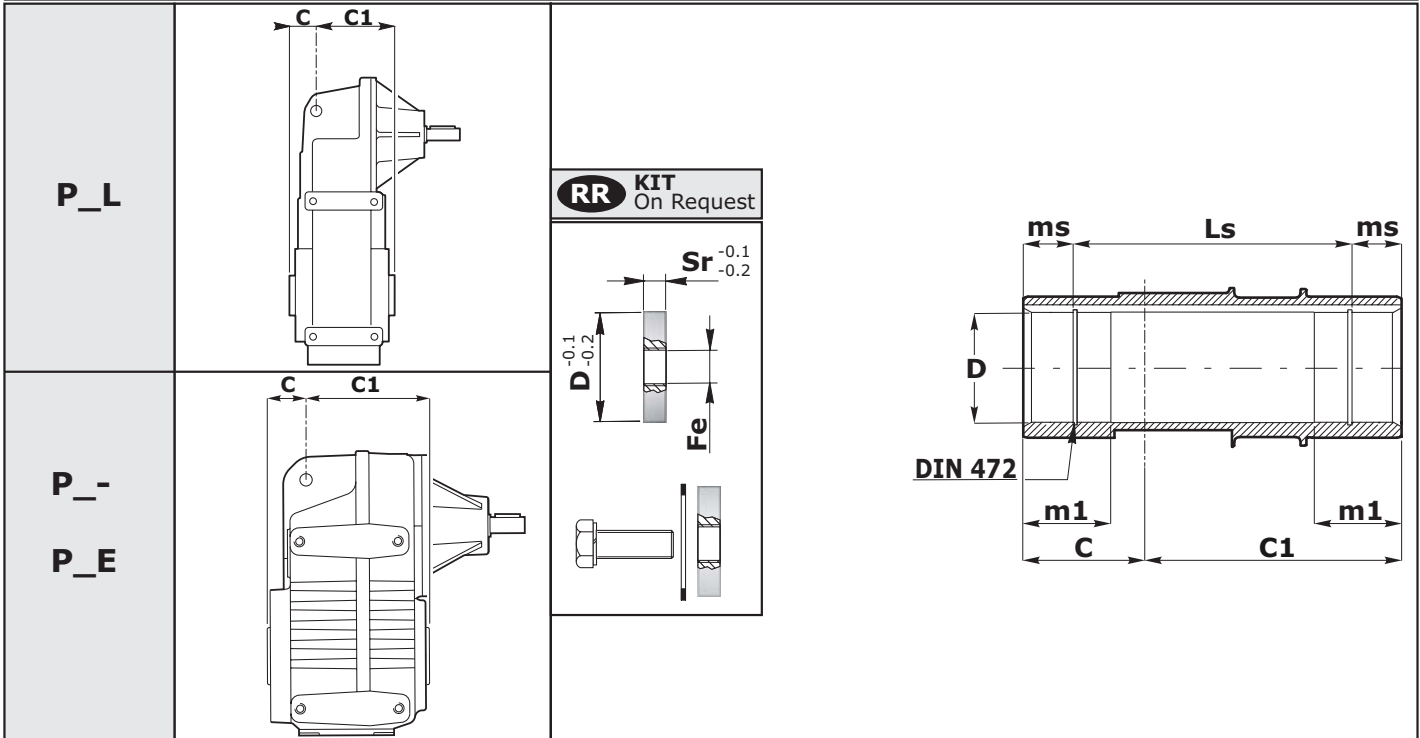
**Output Shaft**  
Hollow shaft with keyway



| P_- | P_L | P_E |          | C    | C1   | D  | toll D | m1 | m2 | Dd | d1 | toll d1 | m3 | Lm | m    | H   | L min | P    | R    | Ra | Rb |
|-----|-----|-----|----------|------|------|----|--------|----|----|----|----|---------|----|----|------|-----|-------|------|------|----|----|
| 63  | -   | -   | Standard | 31.5 | 88.5 | 30 | H7     | 15 | 15 | 38 | 30 | h6      | 20 | 25 | M10  | 88  | 50    | 29.8 | 36   | -  | -  |
|     |     |     | Optional | 31.5 | 88.5 | 25 | H7     | 15 | 15 | 38 | 25 | h6      | 20 | 25 | M8   | 88  | 50    | 24.8 | 36   | -  | -  |
|     |     |     | Optional | 31.5 | 88.5 | 28 | H7     | 15 | 15 | 38 | 28 | h6      | 20 | 25 | M10  | 88  | 50    | 27.8 | 36   | -  | -  |
| 71  | -   | -   | Standard | 35   | 115  | 35 | H7     | 30 | 15 | 43 | 35 | h6      | 35 | 25 | M 10 | 118 | 60    | 34.8 | 42.5 | -  | -  |
|     |     |     | Optional | 35   | 115  | 30 | H7     | 30 | 15 | 43 | 30 | h6      | 35 | 25 | M 10 | 118 | 60    | 29.8 | 42.5 | -  | -  |
| 90  | -   | -   | Standard | 45   | 135  | 40 | H7     | 35 | 20 | 55 | 40 | h6      | 40 | 25 | M 10 | 138 | 90    | 39.8 | 54.5 | -  | -  |
|     |     |     | Optional | 45   | 135  | 42 | H7     | 35 | 20 | 55 | 42 | h6      | 40 | 25 | M 10 | 138 | 90    | 41.8 | 54.5 | -  | -  |
|     |     |     | Optional | 45   | 135  | 45 | H7     | 35 | 20 | 55 | 45 | h6      | 40 | 25 | M 10 | 138 | 90    | 44.8 | 54.5 | -  | -  |
|     |     |     | Optional | 45   | 135  | 48 | H7     | 35 | 20 | 55 | 48 | h6      | 40 | 25 | M 10 | 138 | 90    | 47.8 | 54.5 | -  | -  |
| 112 | -   | -   | Standard | 50   | 160  | 50 | H7     | 35 | 25 | 61 | 50 | h6      | 35 | 32 | M 12 | 158 | 110   | 49.8 | 60   | -  | -  |
|     |     |     | Optional | 50   | 160  | 55 | H7     | 35 | 25 | 61 | 55 | h6      | 35 | 32 | M 12 | 158 | 110   | 54.8 | 60   | -  | -  |



**Output Shaft**  
Hollow shaft with keyway



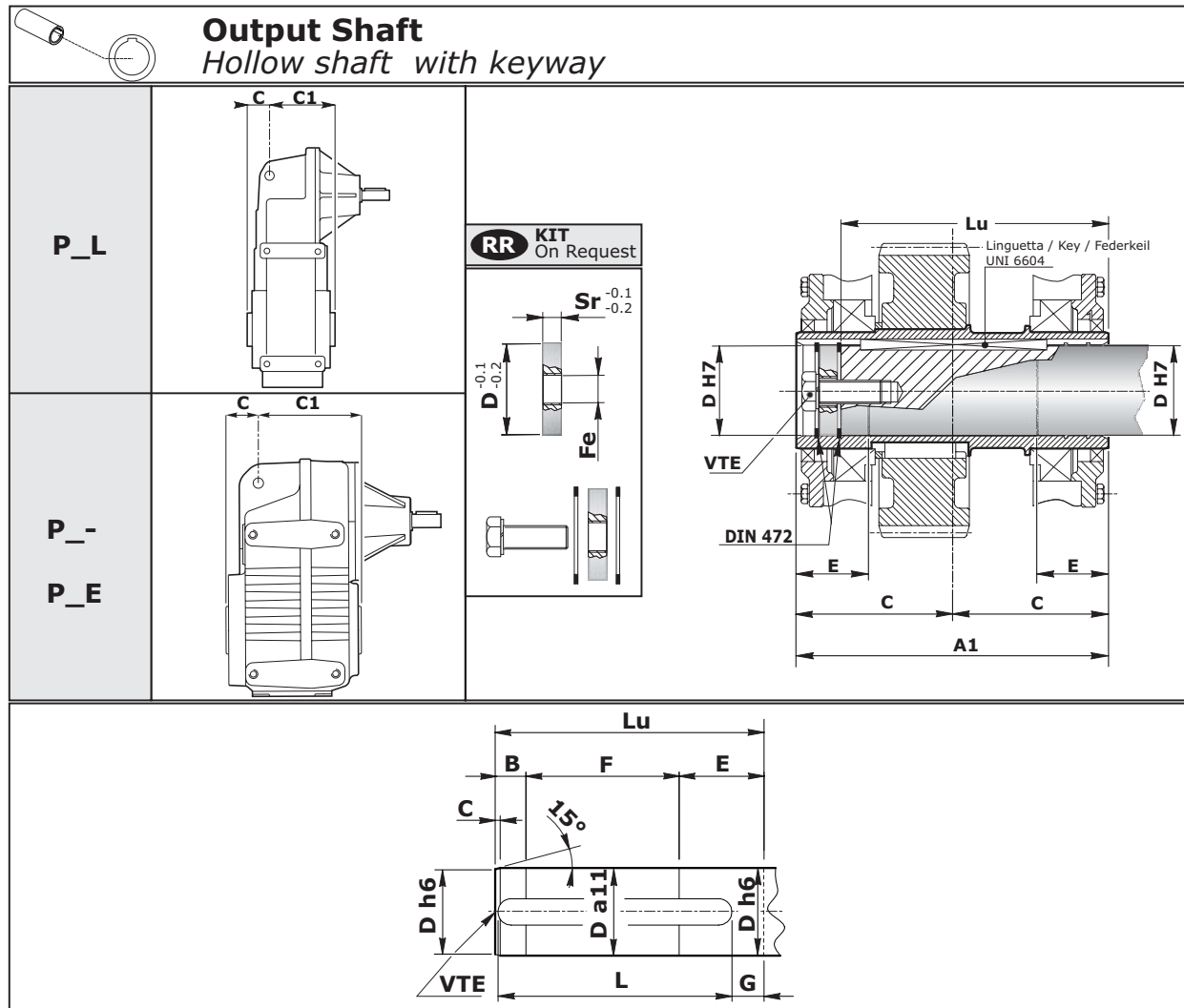
| P_-                  | P_L | P_E |          | C    | C1    | D  | tol.<br>D | m1   | ms   | Ls  | Sr | Fe  | d1 | tol.<br>d1 | m3 | m3s | Lm | m   | H   | L<br>min | P    | R  |
|----------------------|-----|-----|----------|------|-------|----|-----------|------|------|-----|----|-----|----|------------|----|-----|----|-----|-----|----------|------|----|
| <b>Machine shaft</b> |     |     |          |      |       |    |           |      |      |     |    |     |    |            |    |     |    |     |     |          |      |    |
| -                    | 25  | -   | Standard | 44.5 | 60.5  | 20 | H7        | 25.5 | -    | -   | -  | -   | 20 | h6         | 30 | 30  | 15 | M6  | 103 | 40       | 19.8 | 30 |
| -                    | 25  | -   | Optional | 44.5 | 60.5  | 24 | H7        | 25.5 | -    | -   | -  | -   | 24 | h6         | 30 | 30  | 25 | M8  | 103 | 40       | 23.8 | 30 |
| -                    | 25  | -   | Optional | 44.5 | 60.5  | 19 | H7        | 25.5 | -    | -   | -  | -   | 19 | h6         | 30 | 30  | 15 | M6  | 103 | 40       | 18.8 | 30 |
| -                    | 45  | -   | Standard | 46   | 84    | 30 | H7        | 40   | 20   | 90  | 8  | M12 | 30 | h6         | 45 | 8   | 25 | M10 | 98  | 50       | 29.8 | 40 |
| -                    | 45  | -   | Optional | 46   | 84    | 25 | H7        | 40   | 20   | 90  | 8  | M12 | 25 | h6         | 45 | 8   | 25 | M8  | 98  | 50       | 24.8 | 40 |
| -                    | 65  | -   | Standard | 33.5 | 96.5  | 35 | H7        | 35   | -    | -   | -  | -   | 35 | h6         | 40 | 40  | 25 | M10 | 128 | 60       | 34.8 | 45 |
| -                    | 65  | -   | Optional | 33.5 | 96.5  | 30 | H7        | 35   | -    | -   | -  | -   | 30 | h6         | 40 | 40  | 25 | M10 | 128 | 60       | 29.8 | 45 |
| 80                   | -   | -   | Standard | 30   | 100   | 32 | H7        | 35   | 15   | 100 | -  | -   | 32 | h6         | 30 | 30  | 25 | M10 | 119 | 70       | 31.8 | 42 |
| 80                   | -   | -   | Optional | 30   | 100   | 30 | H7        | 35   | 15   | 100 | -  | -   | 30 | h6         | 30 | 30  | 25 | M10 | 119 | 70       | 29.8 | 40 |
| 80                   | -   | -   | Optional | 30   | 100   | 35 | H7        | 35   | 15   | 100 | -  | -   | 35 | h6         | 30 | 30  | 25 | M10 | 119 | 70       | 34.8 | 45 |
| -                    | 85  | -   | Standard | 42   | 113   | 45 | H7        | 42.5 | 15   | 125 | 10 | M14 | 45 | h6         | 45 | 15  | 25 | M10 | 125 | 80       | 44.8 | 55 |
| -                    | 85  | -   | Optional | 42   | 113   | 50 | H7        | 42.5 | 15   | 125 | 10 | M14 | 50 | h6         | 45 | 15  | 32 | M12 | 125 | 80       | 49.8 | 60 |
| -                    | 85  | -   | Optional | 42   | 113   | 40 | H7        | 42.5 | 15   | 125 | 10 | M14 | 40 | h6         | 45 | 15  | 25 | M10 | 125 | 80       | 39.8 | 50 |
| 100                  | -   | -   | Standard | 42   | 113   | 45 | H7        | 42.5 | 15   | 125 | 10 | M14 | 45 | h6         | 45 | 15  | 25 | M10 | 125 | 80       | 44.8 | 55 |
| 100                  | -   | -   | Optional | 42   | 113   | 50 | H7        | 42.5 | 15   | 125 | 10 | M14 | 50 | h6         | 45 | 15  | 32 | M12 | 125 | 80       | 49.8 | 60 |
| 100                  | -   | -   | Optional | 42   | 113   | 40 | H7        | 42.5 | 15   | 125 | 10 | M14 | 40 | h6         | 45 | 15  | 25 | M10 | 125 | 80       | 39.8 | 50 |
| -                    | 95  | -   | Standard | 52   | 128   | 55 | H7        | 55   | 17.5 | 145 | 15 | M14 | 55 | h6         | 60 | 20  | 32 | M12 | 142 | 110      | 54.8 | 65 |
| -                    | 95  | -   | Optional | 52   | 128   | 60 | H7        | 55   | 17.5 | 145 | 15 | M14 | 60 | h6         | 60 | 20  | 32 | M12 | 142 | 110      | 59.8 | 70 |
| -                    | 95  | -   | Optional | 52   | 128   | 50 | H7        | 55   | 17.5 | 145 | 15 | M14 | 50 | h6         | 60 | 20  | 32 | M12 | 142 | 110      | 49.8 | 60 |
| 125                  | -   | 125 | Standard | 44.5 | 135.5 | 55 | H7        | 55   | 17.5 | 145 | 15 | M14 | 55 | h6         | 60 | 20  | 32 | M12 | 142 | 110      | 54.8 | 65 |
| 125                  | -   | 125 | Optional | 44.5 | 135.5 | 60 | H7        | 55   | 17.5 | 145 | 15 | M14 | 60 | h6         | 60 | 20  | 32 | M12 | 142 | 110      | 59.8 | 70 |
| 125                  | -   | 125 | Optional | 44.5 | 135.5 | 50 | H7        | 55   | 17.5 | 145 | 15 | M14 | 50 | h6         | 60 | 20  | 32 | M12 | 142 | 110      | 49.8 | 60 |



Albero cavo

Hollow shaft

Hohlwelle



| P_- | P_L | P_E |          | A1  | C    | C1    | D   | tol. D | E  | Lu    | Sr | Fe  | VTE    |
|-----|-----|-----|----------|-----|------|-------|-----|--------|----|-------|----|-----|--------|
| -   | 105 | -   | Standard | 242 | 85.5 | 156.5 | 60  | H7     | 56 | 207.5 | 15 | M27 | M20x60 |
|     |     |     | Optional | 242 | 85.5 | 156.5 | 70  | H7     | 56 | 207.5 | 15 | M27 | M20x60 |
| 132 | -   | 132 | Standard | 242 | 62   | 180   | 60  | H7     | 56 | 207.5 | 15 | M27 | M20x60 |
|     |     |     | Optional | 242 | 62   | 180   | 70  | H7     | 56 | 207.5 | 15 | M27 | M20x60 |
| -   | 115 | -   | Standard | 274 | 83.5 | 190.5 | 70  | H7     | 63 | 239.5 | 15 | M27 | M20x60 |
|     |     |     | Optional | 274 | 83.5 | 190.5 | 80  | H7     | 63 | 239.5 | 15 | M27 | M20x60 |
| 150 | -   | 150 | Standard | 274 | 70   | 204   | 70  | H7     | 63 | 239.5 | 15 | M27 | M20x60 |
|     |     |     | Optional | 274 | 70   | 204   | 80  | H7     | 63 | 239.5 | 15 | M27 | M20x60 |
| -   | 125 | -   | Standard | 302 | 74.3 | 227.8 | 90  | H7     | 70 | 261   | 18 | M30 | M24x75 |
| 170 | -   | 170 | Standard | 302 | 77   | 225   | 90  | H7     | 70 | 261   | 18 | M30 | M24x75 |
| -   | 135 | -   | Standard | 340 | 85.5 | 254.5 | 100 | H7     | 80 | 299   | 18 | M30 | M24x75 |
| 190 | -   | 190 | Standard | 340 | 75   | 265   | 100 | H7     | 80 | 299   | 18 | M30 | M24x75 |

Machine shaft

| P_- | P_L | P_E |          | B    | C   | D   | tol. D | E  | F   | G  | L   | Lu    | VTE |
|-----|-----|-----|----------|------|-----|-----|--------|----|-----|----|-----|-------|-----|
| -   | 105 | -   | Standard | 26.5 | 4   | 60  | h6     | 61 | 120 | 25 | 180 | 207.5 | M20 |
|     |     |     | Optional | 26.5 | 4   | 70  | h6     | 61 | 120 | 25 | 180 | 207.5 | M20 |
| 132 | -   | 132 | Standard | 26.5 | 4   | 60  | h6     | 61 | 120 | 25 | 180 | 207.5 | M20 |
|     |     |     | Optional | 26.5 | 4   | 70  | h6     | 61 | 120 | 25 | 180 | 207.5 | M20 |
| -   | 115 | -   | Standard | 33.5 | 4.5 | 70  | h6     | 68 | 138 | 36 | 200 | 239.5 | M20 |
|     |     |     | Optional | 33.5 | 4.5 | 80  | h6     | 68 | 138 | 36 | 200 | 239.5 | M20 |
| 150 | -   | 150 | Standard | 33.5 | 4.5 | 70  | h6     | 68 | 138 | 36 | 200 | 239.5 | M20 |
|     |     |     | Optional | 33.5 | 4.5 | 80  | h6     | 68 | 138 | 36 | 200 | 239.5 | M20 |
| -   | 125 | -   | Standard | 36   | 5   | 90  | h6     | 77 | 148 | 37 | 220 | 261   | M24 |
| 170 | -   | 170 | Standard | 36   | 5   | 90  | h6     | 77 | 148 | 37 | 220 | 261   | M24 |
| -   | 135 | -   | Standard | 44   | 5.5 | 100 | h6     | 85 | 170 | 43 | 250 | 299   | M24 |
| 190 | -   | 190 | Standard | 44   | 5.5 | 100 | h6     | 85 | 170 | 43 | 250 | 299   | M24 |



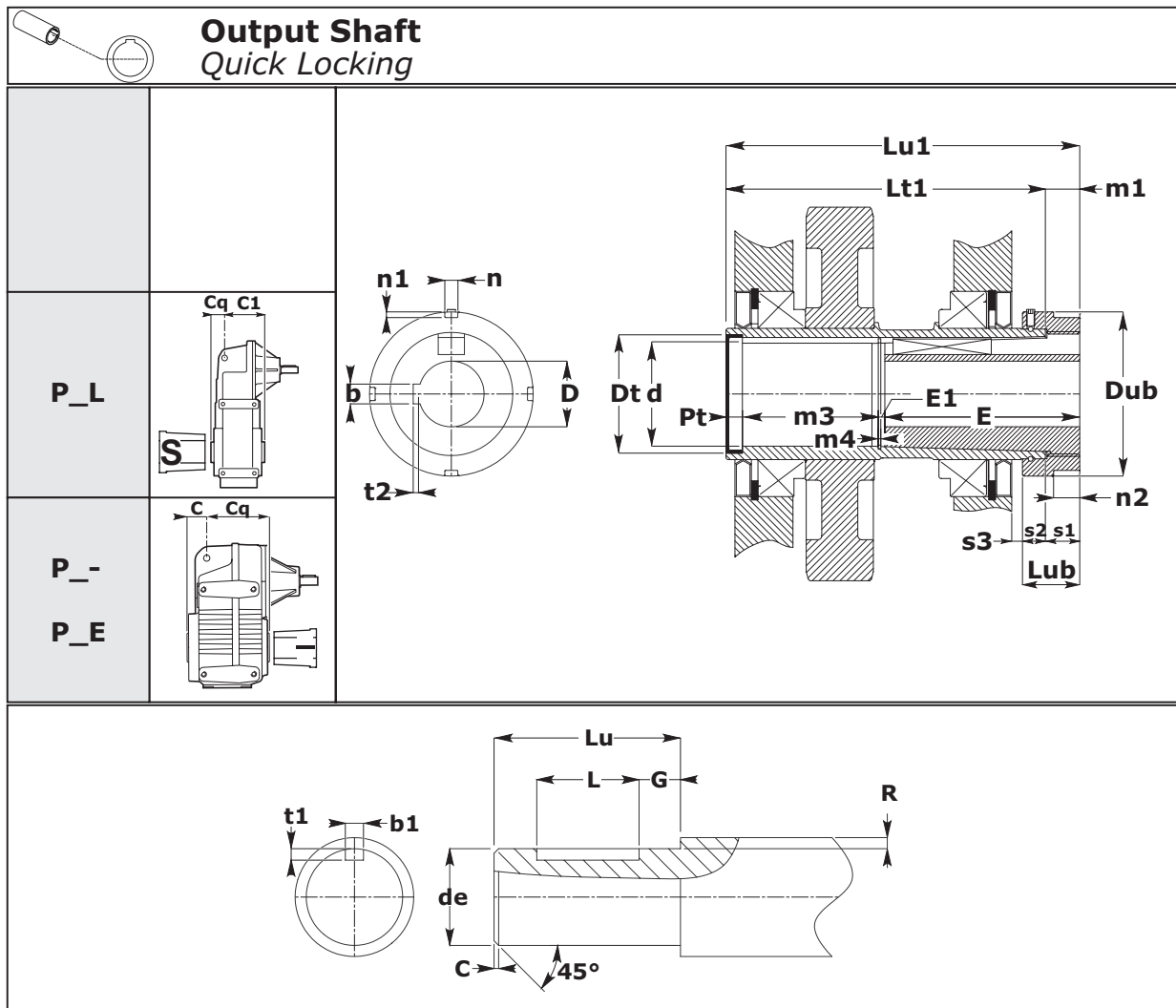
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Albero cavo - QL

Hollow shaft - QL

Hohlwelle - QL



|         |     | P_E        |      |      |      |       |       |       |       |       |       |
|---------|-----|------------|------|------|------|-------|-------|-------|-------|-------|-------|
|         |     | P_-        |      |      |      |       |       |       |       |       |       |
|         |     | 71         | 80   | 90   | 100  | 112   | 125   | 132   | 150   | 170   | 190   |
| C       |     | 35         | 30   | 45   | 42   | 50    | 44.5  | 62    | 70    | 77    | 75    |
| Cq      |     | 151        | 136  | 171  | 149  | 196   | 171.5 | 216   | 240   | 261   | 301   |
| d       |     | 35.2       | 35.2 | 49.2 | 49.2 | 54.2  | 60.2  | 70.2  | 80.2  | 90.2  | 100.2 |
| Dt      |     | 47         | 47   | 62   | 62   | 65    | 72    | 85    | 100   | 110   | 120   |
| Dub     |     | 70         | 70   | 85   | 85   | 90    | 100   | 105   | 120   | 135   | 145   |
| E       |     | 91         | 91   | 121  | 121  | 131   | 131   | 141   | 161   | 181   | 201   |
| E1      |     | 3.5        | 3.5  | 3.5  | 3.5  | 3.5   | 3.5   | 4.2   | 4.2   | 4.2   | 5.2   |
| Lt1     |     | 165        | 145  | 195  | 170  | 225   | 195   | 257   | 289   | 317   | 355   |
| Lu1     |     | 186        | 166  | 216  | 191  | 246   | 216   | 278   | 310   | 338   | 376   |
| Lub     |     | 35         | 35   | 35   | 35   | 35    | 35    | 35    | 35    | 35    | 35    |
| m1      |     | 21         | 21   | 21   | 21   | 21    | 21    | 21    | 21    | 21    | 21    |
| m3      |     | 84.5       | 64.5 | 83.5 | 58.5 | 101.5 | 71.5  | 120.8 | 132.8 | 140.8 | 157.8 |
| m4      |     | 1.7        | 1.7  | 1.7  | 1.7  | 1.7   | 1.7   | 2.2   | 2.2   | 2.2   | 2.7   |
| n2      |     | 15         | 15   | 15.5 | 15.5 | 15.5  | 16    | 16    | 17    | 17    | 17    |
| Pt      |     | On request |      |      |      |       |       |       |       |       |       |
| s1      |     | 21         | 21   | 21   | 21   | 21    | 21    | 21    | 21    | 21    | 21    |
| s2      |     | 14         | 14   | 14   | 14   | 14    | 14    | 14    | 14    | 14    | 14    |
| s3      |     | 8          | 4.5  | 8    | 5    | 8.5   | 6.5   | 10    | 13    | 17    | 15    |
| D<br>H7 | 20  |            |      | 25   | 25   |       |       |       |       |       |       |
|         | 25  |            |      | 30   | 30   |       |       |       |       |       |       |
|         | 30  |            |      | 35   | 35   | 30    | 35    | 40    | 45    | 55    | 70    |
|         |     | 20         |      | 38   | 38   | 35    | 40    | 45    | 50    | 60    | 75    |
|         |     | 25         |      | 40   | 40   | 40    | 45    | 50    | 55    | 65    | 80    |
|         |     | 30         |      | 42   | 42   | 45    | 50    | 55    | 60    | 70    | 85    |
|         |     |            |      | 45   | 45   | 50    | 55    | 65    | 70    | 80    | 90    |
| n       | 6   | 6          | 7    | 7    | 7    | 8     | 8     | 10    | 10    | 10    |       |
| n1      | 2.5 | 2.5        | 3    | 3    | 3    | 3.5   | 3.5   | 4     | 4     | 4     |       |

E186

CT17 IGBD 4.0

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تهران، کیلومتر ۲۱ بزرگراه لشکری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

Albero cavo - QL

Hollow shaft - QL

Hohlwelle - QL

|      | P L  |                                  |                                  |  |                                  |                            |
|------|--|----------------------------------|----------------------------------|--|----------------------------------|----------------------------|
|      | 85   | 95                               | 105                              | 115                                    | 125                              | 135                        |
| C1   | 113  | 128                              | 156.5                            | 190.5                                  | 227.8                            | -                          |
| Cq   | 78   | 88                               | 121.5                            | 119.5                                  | 110.2                            | -                          |
| d    | 49.2   | 60.2                             | 70.2                             | 80.2                                   | 90.2                             | 100.2                      |
| Dt   | 62   | 72                               | 85                               | 100                                    | 110                              | 120                        |
| Dub  | 85   | 100                              | 105                              | 120                                    | 135                              | 145                        |
| E    | 121  | 131                              | 141                              | 161                                    | 181                              | 201                        |
| E1   | 3.5  | 3.5                              | 4.2                              | 4.2                                    | 4.2                              | 5.2                        |
| Lt1  | 170  | 195                              | 257                              | 289                                    | 317                              | 355                        |
| Lu1  | 191  | 216                              | 278                              | 310                                    | 338                              | 376                        |
| Lub  | 35   | 35                               | 35                               | 35                                     | 35                               | 35                         |
| m1   | 21   | 21                               | 21                               | 21                                     | 21                               | 21                         |
| m3   | 58.5   | 71.5                             | 120.8                            | 132.8                                  | 140.8                            | 157.8                      |
| m4   | 1.7  | 1.7                              | 2.2                              | 2.2                                    | 2.2                              | 2.7                        |
| n2   | 15.5   | 16                               | 16                               | 17                                     | 17                               | 17                         |
| Pt   | On request                                   |                                  |                                  |  |                                  |                            |
| s1   | 21   | 21                               | 21                               | 21                                     | 21                               | 21                         |
| s2   | 14   | 14                               | 14                               | 14                                     | 14                               | 14                         |
| s3   | 5  | 6.5                              | 10                               | 13                                     | 17                               | 15                         |
| D H7 | 25<br>30<br>35<br>38<br>40<br>42<br>45<br>48 | 35<br>40<br>45<br>48<br>50<br>55 | 40<br>45<br>50<br>55<br>60<br>65 | 45<br>50<br>55<br>60<br>65<br>70<br>75 | 55<br>60<br>65<br>70<br>75<br>80 | 70<br>75<br>80<br>85<br>90 |
| n    | 7  | 8                                | 8                                | 10                                     | 10                               | 10                         |
| n1   | 3  | 3.5                              | 3.5                              | 4                                      | 4                                | 4                          |

Perno macchina / Customer shaft / Maschinachse

|      | C   | de h6 | G  | L   | Lu  | R | b1 | t1 |
|------|-----|-------|----|-----|-----|---|----|----|
| 71   | 1   | (20)  | 10 | 40  | 90  | 5 |    |    |
|      |     | (25)  |    | 50  |     |   |    |    |
|      |     | (30)  |    | 60  |     |   |    |    |
| 80   | 1   | (20)  | 10 | 40  | 90  | 5 |    |    |
|      |     | (25)  |    | 50  |     |   |    |    |
|      |     | (30)  |    | 60  |     |   |    |    |
| 90   | 1.5 | (25)  | 10 | 50  | 120 | 5 |    |    |
|      |     | (30)  |    | 60  |     |   |    |    |
|      |     | (35)  |    | 70  |     |   |    |    |
|      |     | (38)  |    | 70  |     |   |    |    |
|      |     | (40)  |    | 80  |     |   |    |    |
|      |     | (42)  |    | 80  |     |   |    |    |
|      |     | (45)  |    | 90  |     |   |    |    |
| (48) | 90  |       |    |     |     |   |    |    |
| 100  | 1.5 | (25)  | 10 | 50  | 120 | 5 |    |    |
|      |     | (30)  |    | 60  |     |   |    |    |
|      |     | (35)  |    | 70  |     |   |    |    |
|      |     | (38)  |    | 70  |     |   |    |    |
|      |     | (40)  |    | 80  |     |   |    |    |
|      |     | (42)  |    | 80  |     |   |    |    |
|      |     | (45)  |    | 90  |     |   |    |    |
| (48) | 90  |       |    |     |     |   |    |    |
| 112  | 1.5 | (30)  | 10 | 60  | 130 | 5 |    |    |
|      |     | (35)  |    | 70  |     |   |    |    |
|      |     | (40)  |    | 80  |     |   |    |    |
|      |     | (45)  |    | 90  |     |   |    |    |
|      |     | (50)  |    | 100 |     |   |    |    |

|      | C   | de h6 | G  | L   | Lu  | R   | b1 | t1 |
|------|-----|-------|----|-----|-----|-----|----|----|
| 125  | 1.5 | (35)  | 10 | 70  | 130 | 5   |    |    |
|      |     | (40)  |    | 80  |     |     |    |    |
|      |     | (45)  |    | 90  |     |     |    |    |
|      |     | (48)  |    | 90  |     |     |    |    |
|      |     | (50)  |    | 100 |     |     |    |    |
| (55) | 100 |       |    |     |     |     |    |    |
| 132  | 1.5 | (40)  | 10 | 80  | 140 | 7.5 |    |    |
|      |     | (45)  |    | 90  |     |     |    |    |
|      |     | (50)  |    | 100 |     |     |    |    |
|      |     | (55)  |    | 100 |     |     |    |    |
|      |     | (60)  |    | 120 |     |     |    |    |
|      |     | (65)  |    | 120 |     |     |    |    |
| 150  | 2   | (45)  | 10 | 90  | 160 | 7.5 |    |    |
|      |     | (50)  |    | 100 |     |     |    |    |
|      |     | (55)  |    | 100 |     |     |    |    |
|      |     | (60)  |    | 120 |     |     |    |    |
|      |     | (65)  |    | 120 |     |     |    |    |
|      |     | (70)  |    | 120 |     |     |    |    |
| 170  | 2   | (55)  | 10 | 100 | 180 | 7.5 |    |    |
|      |     | (60)  |    | 120 |     |     |    |    |
|      |     | (65)  |    | 120 |     |     |    |    |
|      |     | (70)  |    | 120 |     |     |    |    |
|      |     | (75)  |    | 150 |     |     |    |    |
| 190  | 2   | (70)  | 10 | 120 | 200 | 10  |    |    |
|      |     | (75)  |    | 150 |     |     |    |    |
|      |     | (80)  |    | 150 |     |     |    |    |
|      |     | (85)  |    | 170 |     |     |    |    |
|      |     | (90)  |    | 170 |     |     |    |    |

|      | C   | de h6 | G  | L   | Lu  | R   | b1 | t1 |
|------|-----|-------|----|-----|-----|-----|----|----|
| 85   | 1.5 | (25)  | 10 | 50  | 120 | 5   |    |    |
|      |     | (30)  |    | 60  |     |     |    |    |
|      |     | (35)  |    | 70  |     |     |    |    |
|      |     | (38)  |    | 70  |     |     |    |    |
|      |     | (40)  |    | 80  |     |     |    |    |
|      |     | (42)  |    | 80  |     |     |    |    |
|      |     | (45)  |    | 90  |     |     |    |    |
| (48) | 90  |       |    |     |     |     |    |    |
| 95   | 1.5 | (35)  | 10 | 70  | 130 | 5   |    |    |
|      |     | (40)  |    | 80  |     |     |    |    |
|      |     | (45)  |    | 90  |     |     |    |    |
|      |     | (48)  |    | 90  |     |     |    |    |
|      |     | (50)  |    | 100 |     |     |    |    |
|      |     | (55)  |    | 100 |     |     |    |    |
| 105  | 1.5 | (40)  | 10 | 80  | 140 | 7.5 |    |    |
|      |     | (45)  |    | 90  |     |     |    |    |
|      |     | (50)  |    | 100 |     |     |    |    |
|      |     | (55)  |    | 100 |     |     |    |    |
|      |     | (60)  |    | 120 |     |     |    |    |
|      |     | (65)  |    | 120 |     |     |    |    |
| 115  | 2   | (45)  | 10 | 90  | 160 | 7.5 |    |    |
|      |     | (50)  |    | 100 |     |     |    |    |
|      |     | (55)  |    | 100 |     |     |    |    |
|      |     | (60)  |    | 120 |     |     |    |    |
|      |     | (65)  |    | 120 |     |     |    |    |
|      |     | (70)  |    | 120 |     |     |    |    |
| 125  | 2   | (55)  | 10 | 100 | 180 | 7.5 |    |    |
|      |     | (60)  |    | 120 |     |     |    |    |
|      |     | (65)  |    | 120 |     |     |    |    |
|      |     | (70)  |    | 120 |     |     |    |    |
|      |     | (75)  |    | 150 |     |     |    |    |
|      |     | (80)  |    | 150 |     |     |    |    |
| 135  | 2   | (70)  | 10 | 120 | 200 | 10  |    |    |
|      |     | (75)  |    | 150 |     |     |    |    |
|      |     | (80)  |    | 150 |     |     |    |    |
|      |     | (85)  |    | 170 |     |     |    |    |
|      |     | (90)  |    | 170 |     |     |    |    |

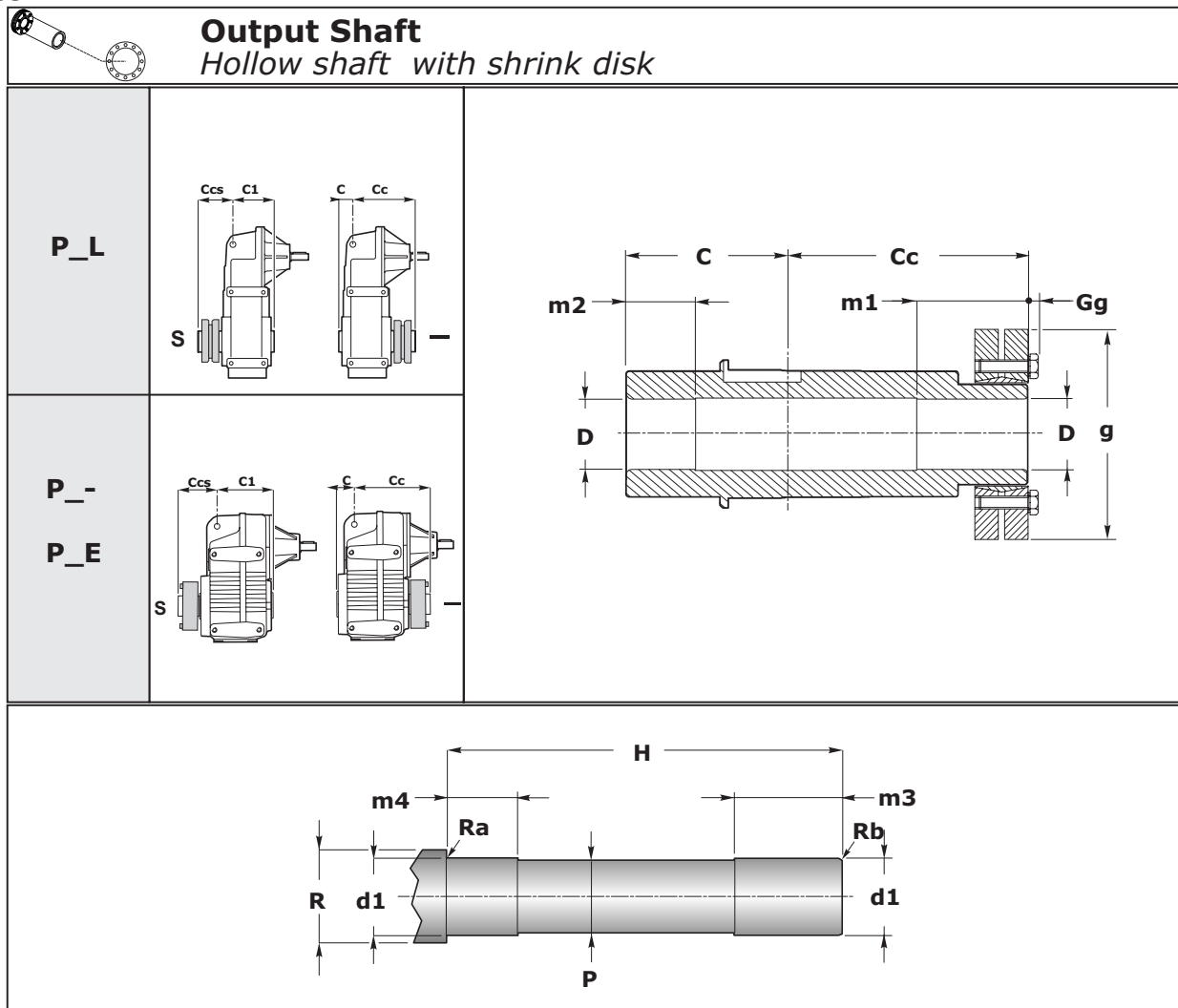




Albero uscita cavo con unità di bloccaggio

Hollow output shaft with shrink disc

Hohlwelle mit Schrumpfscheibe



| P_- | P_L | P_E |          | C    | Cc    | C1    | Ccs  | D  | toll.D | m1 | m2   | g   | Gg  |
|-----|-----|-----|----------|------|-------|-------|------|----|--------|----|------|-----|-----|
| -   | 25  | -   | Standard | 44.5 | 82.5  | 60.5  | 66.5 | 20 | H7     | 35 | 25.5 | 50  | 3.5 |
| -   | 45  | -   | Standard | 46   | 109   | 84    | 71   | 30 | H7     | 35 | 30   | 72  | 4   |
| 63  | -   | -   | Standard | 31.5 | 113.5 | 88.5  | 56.5 | 30 | H7     | 40 | 25   | 72  | 4   |
| 71  | -   | -   | Standard | 35   | 140   | 115   | 60   | 35 | H7     | 40 | 25   | 80  | 4   |
| -   | 65  | -   | Standard | 33.5 | 124.5 | 96.5  | 61.5 | 35 | H7     | 40 | 30   | 80  | 4   |
| 80  | -   | -   | Standard | 30   | 130   | 100   | 60   | 35 | H7     | 40 | 30   | 80  | 4   |
| 90  | -   | -   | Standard | 45   | 165   | 135   | 75   | 40 | H7     | 50 | 30   | 90  | 6   |
| -   | 85  | -   | Standard | 42   | 143   | 113   | 72   | 45 | H7     | 50 | 30   | 100 | 4   |
| 100 | -   | -   | Standard | 42   | 143   | 113   | 72   | 45 | H7     | 50 | 30   | 100 | 4   |
| 112 | -   | -   | Standard | 50   | 195   | 160   | 85   | 50 | H7     | 55 | 40   | 110 | 1   |
| -   | 95  | -   | Standard | 52   | 163   | 128   | 87   | 55 | H7     | 60 | 50   | 115 | 4   |
| 125 | -   | 125 | Standard | 44.5 | 170.5 | 135.5 | 79.5 | 55 | H7     | 60 | 50   | 115 | 4   |

## Machine shaft

| P_- | P_L | P_E |          | d1 | toll. d1 | H   | m3 | m4 | P    | R    | Ra  | Rb  |
|-----|-----|-----|----------|----|----------|-----|----|----|------|------|-----|-----|
| -   | 25  | -   | Standard | 20 | h6       | 127 | 40 | 30 | 18.8 | 30   | -   | -   |
| -   | 45  | -   | Standard | 30 | h6       | 155 | 40 | 35 | 29.8 | 40   | -   | -   |
| 63  | -   | -   | Standard | 30 | h6       | 145 | 45 | 30 | 29.8 | 63   | -   | -   |
| 71  | -   | -   | Standard | 35 | h6       | 175 | 45 | 30 | 34.8 | 42.5 | -   | -   |
| -   | 65  | -   | Standard | 35 | h6       | 158 | 45 | 35 | 34.8 | 45   | -   | -   |
| 80  | -   | -   | Standard | 35 | h6       | 160 | 45 | 35 | 34.8 | 45   | 0.5 | 0.5 |
| 90  | -   | -   | Standard | 40 | h6       | 210 | 55 | 35 | 39.8 | 54.5 | -   | -   |
| -   | 85  | -   | Standard | 45 | h6       | 185 | 55 | 35 | 44.8 | 55   | -   | -   |
| 100 | -   | -   | Standard | 45 | h6       | 185 | 55 | 35 | 44.8 | 55   | 0.5 | 1   |
| 112 | -   | -   | Standard | 50 | h6       | 245 | 60 | 45 | 49.8 | 60   | -   | -   |
| -   | 95  | -   | Standard | 55 | h6       | 215 | 65 | 55 | 54.8 | 65   | -   | -   |
| 125 | -   | 125 | Standard | 55 | h6       | 215 | 65 | 55 | 54.8 | 65   | 0.5 | 1   |

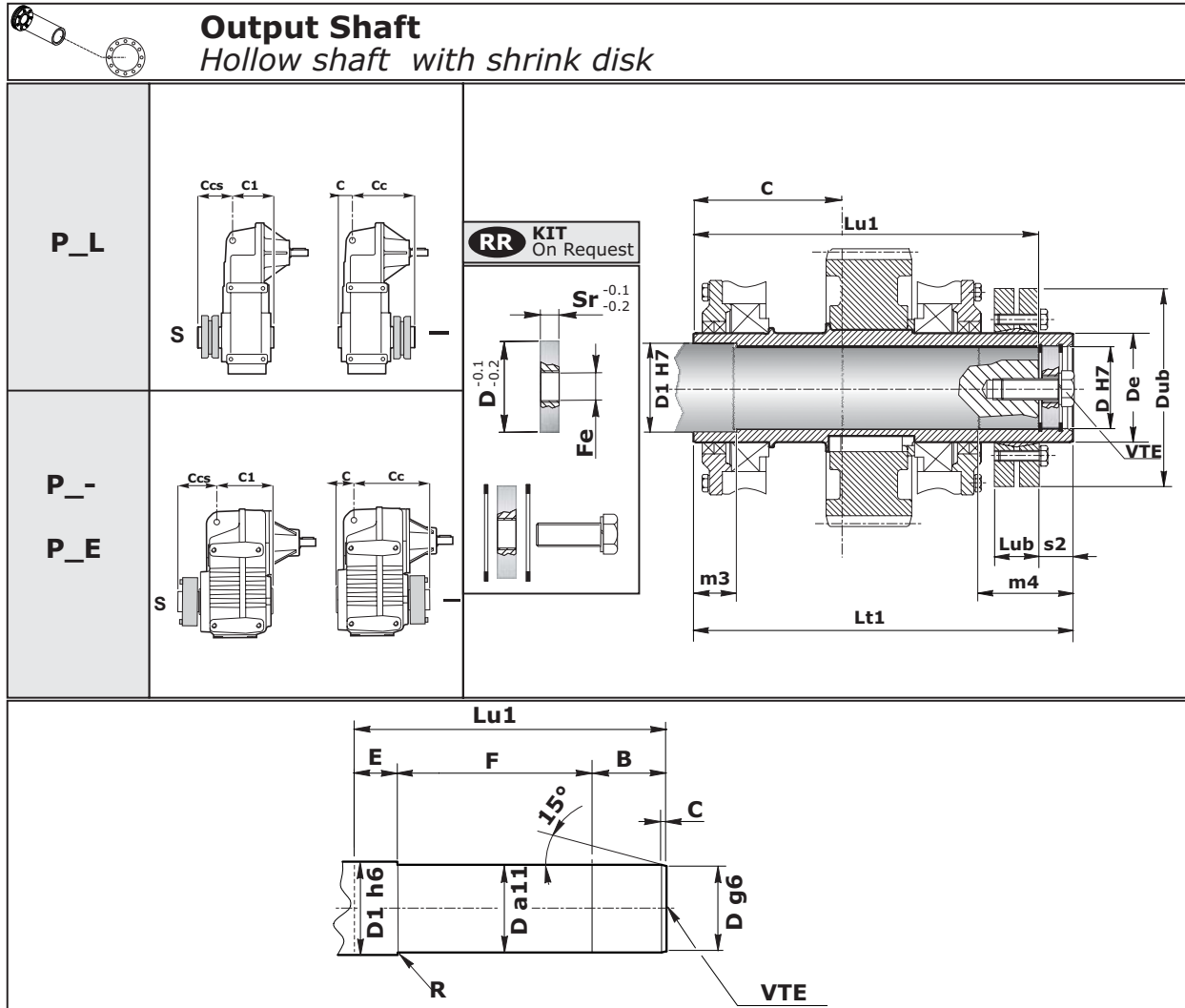
E188

CT17 IGBD 4.0

Albero uscita cavo con unità di bloccaggio

Hollow output shaft with shrink disc

Hohlwelle mit Schrumpfscheibe



| P_- | P_L | P_E |          | C    | C1    | Cc    | Ccs   | D   | tol.D | D1  | tol.D1 | Dub | Lt1 | Lub  | Lu1 | m3 | m4  | s2 | De  | Sr | Fe  | VTE    |
|-----|-----|-----|----------|------|-------|-------|-------|-----|-------|-----|--------|-----|-----|------|-----|----|-----|----|-----|----|-----|--------|
| -   | 105 | -   | Standard | 85.5 | 156.5 | 227.5 | 156.5 | 60  | H7    | 65  | H7     | 145 | 313 | 32.5 | 286 | 35 | 80  | 30 | 80  | 15 | M27 | M20x60 |
|     |     |     | Optional | 85.5 | 156.5 | 227.5 | 156.5 | 70  | H7    | 75  | H7     | 155 | 313 | 39   | 286 | 35 | 80  | 27 | 90  | 15 | M27 | M20x60 |
| 132 | -   | 132 | Optional | 62   | 180   | 251   | 133   | 60  | H7    | 65  | H7     | 145 | 313 | 32.5 | 286 | 35 | 80  | 30 | 80  | 15 | M27 | M20x60 |
|     |     |     | Standard | 62   | 180   | 251   | 133   | 70  | H7    | 75  | H7     | 155 | 313 | 39   | 286 | 35 | 80  | 27 | 90  | 15 | M27 | M20x60 |
| -   | 115 | -   | Optional | 83.5 | 190.5 | 268.5 | 161.5 | 70  | H7    | 75  | H7     | 155 | 352 | 39   | 324 | 40 | 90  | 30 | 90  | 15 | M27 | M20x60 |
|     |     |     | Standard | 83.5 | 190.5 | 268.5 | 161.5 | 80  | H7    | 85  | H7     | 170 | 352 | 44   | 324 | 40 | 90  | 28 | 100 | 15 | M27 | M20x60 |
| 150 | -   | 150 | Optional | 70   | 204   | 282   | 148   | 70  | H7    | 75  | H7     | 155 | 352 | 39   | 324 | 40 | 90  | 30 | 90  | 15 | M27 | M20x60 |
|     |     |     | Standard | 70   | 204   | 282   | 148   | 80  | H7    | 85  | H7     | 170 | 352 | 44   | 324 | 40 | 90  | 28 | 100 | 15 | M27 | M20x60 |
| -   | 125 | -   | Optional | 74.3 | 227.8 | 322.8 | 169.3 | 90  | H7    | 95  | H7     | 215 | 397 | 54   | 364 | 45 | 100 | 33 | 120 | 18 | M30 | M24x75 |
| 170 | -   | 170 | Optional | 77   | 225   | 319.5 | 171.5 | 90  | H7    | 95  | H7     | 215 | 397 | 54   | 364 | 45 | 100 | 33 | 120 | 18 | M30 | M24x75 |
| -   | 135 | -   | Standard | 85.5 | 254.5 | 350.5 | 181.5 | 100 | H7    | 110 | H7     | 215 | 436 | 54   | 402 | 50 | 110 | 34 | 130 | 18 | M30 | M24x75 |
| 190 | -   | 190 | Optional | 75   | 265   | 361   | 171   | 100 | H7    | 110 | H7     | 215 | 436 | 54   | 402 | 50 | 110 | 34 | 130 | 18 | M30 | M24x75 |

Machine shaft

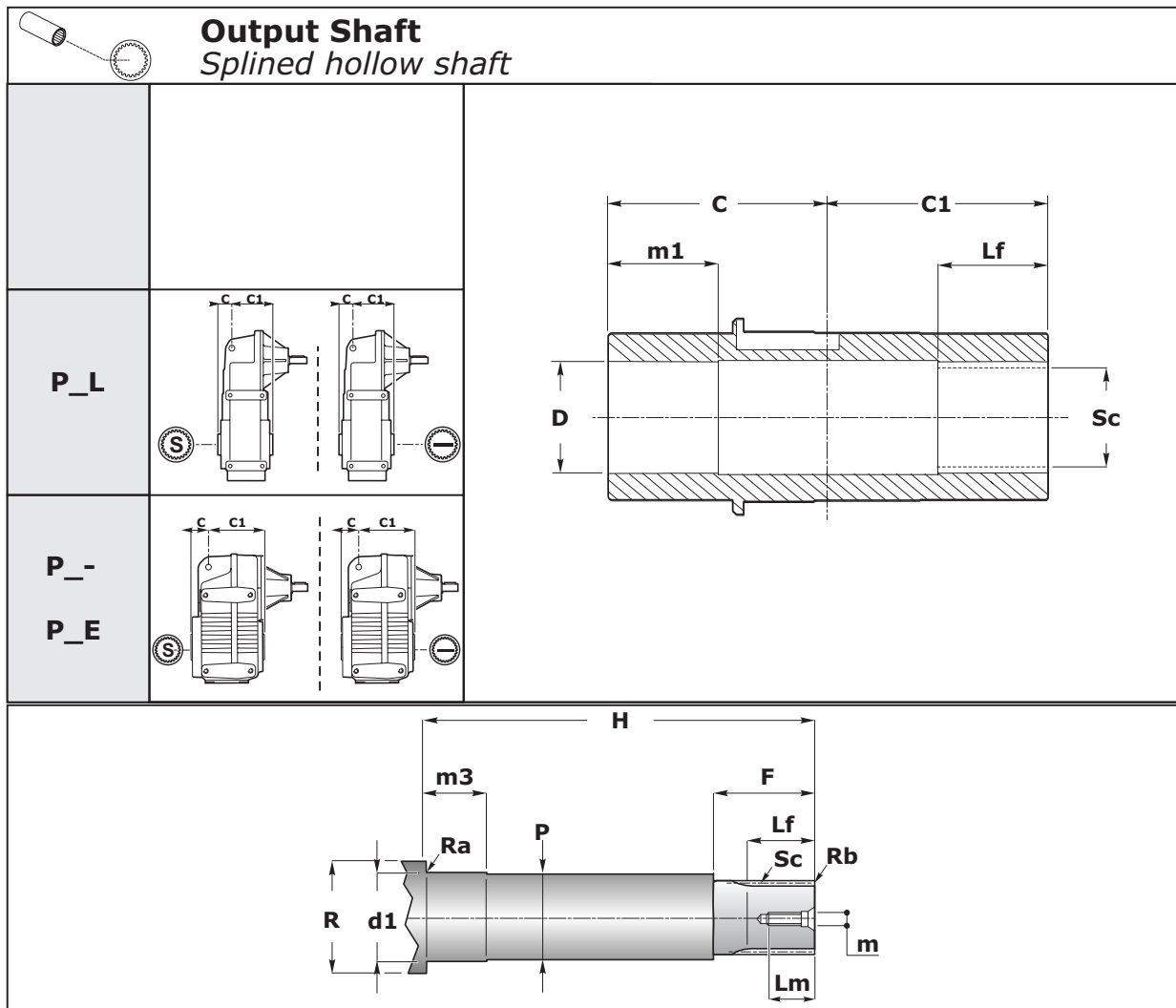
| P_- | P_L | P_E |          | B  | C   | D   | tol.D | D1  | tol.D1 | E  | F   | Lu1 | R   | VTE |
|-----|-----|-----|----------|----|-----|-----|-------|-----|--------|----|-----|-----|-----|-----|
| -   | 105 | -   | Standard | 58 | 4   | 60  | h6    | 65  | h6     | 30 | 198 | 286 | 2.2 | M20 |
|     |     |     | Optional | 58 | 4   | 70  | h6    | 75  | h6     | 30 | 198 | 286 | 2.2 | M20 |
| 132 | -   | 132 | Optional | 58 | 4   | 60  | h6    | 65  | h6     | 30 | 198 | 286 | 2.2 | M20 |
|     |     |     | Standard | 58 | 4   | 70  | h6    | 75  | h6     | 30 | 198 | 286 | 2.2 | M20 |
| -   | 115 | -   | Optional | 67 | 4.5 | 70  | h6    | 75  | h6     | 32 | 225 | 324 | 2.5 | M20 |
|     |     |     | Standard | 67 | 4.5 | 80  | h6    | 85  | h6     | 32 | 225 | 324 | 2.5 | M20 |
| 150 | -   | 150 | Optional | 67 | 4.5 | 70  | h6    | 75  | h6     | 32 | 225 | 324 | 2.5 | M20 |
|     |     |     | Standard | 67 | 4.5 | 80  | h6    | 85  | h6     | 32 | 225 | 324 | 2.5 | M20 |
| -   | 125 | -   | Optional | 72 | 5   | 90  | h6    | 95  | h6     | 35 | 257 | 364 | 2.5 | M24 |
| 170 | -   | 170 | Optional | 72 | 5   | 90  | h6    | 95  | h6     | 35 | 257 | 364 | 2.5 | M24 |
| -   | 135 | -   | Standard | 81 | 5.5 | 100 | h6    | 110 | h6     | 40 | 281 | 402 | 3   | M24 |
| 190 | -   | 190 | Optional | 81 | 5.5 | 100 | h6    | 110 | h6     | 40 | 281 | 402 | 3   | M24 |



Albero lento cavo scanalato

Splined hollow shaft

Verzahnte Hohlwelle



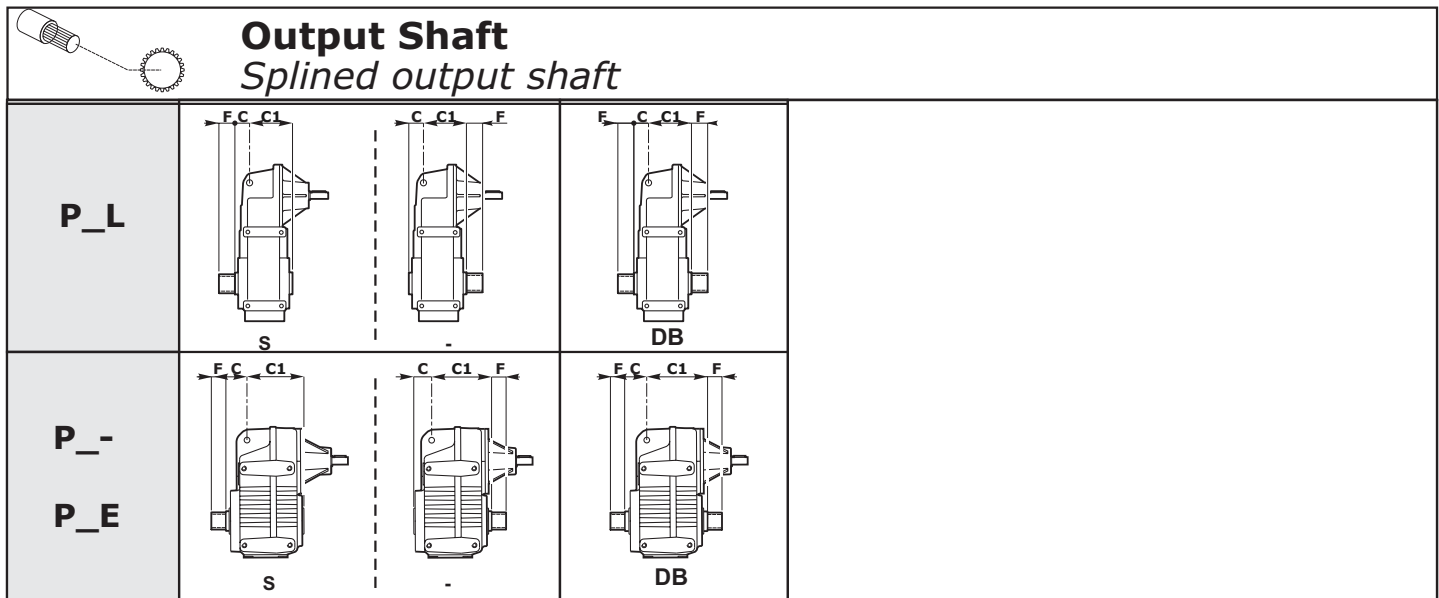
| P_-        | P_L        | P_E        |          | C    | C1    | D   | coll.D | m1  | Lf  | Sc                   |  | d1                   | coll. d1 | m3  | H   | P   | R   | Ra  | Rb      | F   | Lf  | Lm | m   |
|------------|------------|------------|----------|------|-------|-----|--------|-----|-----|----------------------|--|----------------------|----------|-----|-----|-----|-----|-----|---------|-----|-----|----|-----|
|            |            |            |          |      |       |     |        |     |     |                      |  | <b>Machine shaft</b> |          |     |     |     |     |     |         |     |     |    |     |
| -          | <b>45</b>  | -          | Standard | 46   | 84    | 30  | H7     | 30  | 30  | 28 x 45<br>DIN 5482  |  | 30                   | h6       | 25  | 126 | 29  | 40  | 1   | 1 x 45° | 40  | 30  | 25 | M10 |
| <b>63</b>  | -          | -          | Standard | 31.5 | 88.5  | 30  | H7     | 35  | 35  | 28 x 45<br>DIN 5482  |  | 30                   | h6       | 30  | 117 | 29  | 40  | 0.5 | 1x45°   | 45  | 35  | 20 | M8  |
| <b>71</b>  | -          | -          | Standard | 35   | 115   | 37  | H7     | 40  | 45  | 35 x 31<br>DIN 5482  |  | 37                   | h6       | 35  | 147 | 36  | 48  | 0.5 | 1X45°   | 50  | 40  | 25 | M10 |
| -          | <b>65</b>  | -          | Standard | 33.5 | 96.5  | 37  | H7     | 40  | 40  | 35 x 31<br>DIN 5482  |  | 37                   | h6       | 35  | 126 | 36  | 45  | 1   | 1 x 45° | 50  | 40  | 25 | M10 |
| <b>80</b>  | -          | -          | Standard | 30   | 100   | 37  | H7     | 40  | 40  | 35 x 31<br>DIN 5482  |  | 37                   | h6       | 35  | 127 | 36  | 48  | 0.5 | 1x45°   | 50  | 40  | 25 | M10 |
| <b>90</b>  | -          | -          | Standard | 45   | 135   | 45  | H7     | 55  | 55  | 40 x 36<br>DIN 5482  |  | 45                   | h6       | 50  | 177 | 42  | 55  | 0.5 | 1x45°   | 65  | 55  | 25 | M10 |
| -          | <b>85</b>  | -          | Standard | 42   | 113   | 47  | H7     | 55  | 55  | 45 x 41<br>DIN 5482  |  | 47                   | h6       | 50  | 155 | 46  | 60  | 1   | 1.5x45° | 65  | 55  | 25 | M10 |
| <b>100</b> | -          | -          | Standard | 42   | 113   | 47  | H7     | 55  | 55  | 45 x 41<br>DIN 5482  |  | 47                   | h6       | 50  | 155 | 46  | 60  | 1   | 1.5x45° | 65  | 55  | 25 | M10 |
| <b>112</b> | -          | -          | Standard | 50   | 160   | 55  | H7     | 60  | 65  | 50 x 45<br>DIN 5482  |  | 55                   | h6       | 55  | 210 | 52  | 65  | 1   | 1.5X45° | 75  | 65  | 35 | M12 |
| -          | <b>95</b>  | -          | Standard | 52   | 128   | 57  | H7     | 60  | 60  | 55 x 50<br>DIN 5482  |  | 57                   | h6       | 55  | 175 | 56  | 75  | 1   | 1.5x45° | 70  | 60  | 35 | M12 |
| <b>125</b> | -          | <b>125</b> | Standard | 44.5 | 135.5 | 57  | H7     | 60  | 60  | 55 x 50<br>DIN 5482  |  | 57                   | h6       | 55  | 175 | 56  | 75  | 1   | 1.5X45° | 70  | 60  | 35 | M12 |
| -          | <b>105</b> | -          | Standard | 85.5 | 156.5 | 72  | H7     | 70  | 70  | 70 x 64<br>DIN 5482  |  | 72                   | h6       | 65  | 238 | 71  | 85  | 2   | 1.5x45° | 80  | 70  | 39 | M16 |
| <b>132</b> | -          | <b>132</b> | Standard | 62   | 180   | 72  | H7     | 70  | 70  | 70 x 64<br>DIN 5482  |  | 72                   | h6       | 65  | 238 | 71  | 85  | 2   | 1.5x45° | 80  | 70  | 39 | M16 |
| -          | <b>115</b> | -          | Standard | 83.5 | 190.5 | 82  | H7     | 90  | 90  | 80 x 74<br>DIN 5482  |  | 82                   | h6       | 85  | 270 | 81  | 100 | 3   | 2x45°   | 100 | 90  | 39 | M16 |
| <b>150</b> | -          | <b>150</b> | Standard | 70   | 204   | 82  | H7     | 90  | 90  | 80 x 74<br>DIN 5482  |  | 82                   | h6       | 85  | 270 | 81  | 100 | 3   | 2x45°   | 100 | 90  | 39 | M16 |
| -          | <b>125</b> | -          | Standard | 74.3 | 227.8 | 92  | H7     | 90  | 90  | 90 x 84<br>DIN 5482  |  | 92                   | h6       | 85  | 299 | 91  | 115 | 2   | 2x45°   | 100 | 90  | 39 | M16 |
| <b>170</b> | -          | <b>170</b> | Standard | 77   | 225   | 92  | H7     | 90  | 90  | 90 x 84<br>DIN 5482  |  | 92                   | h6       | 85  | 299 | 91  | 115 | 2   | 2x45°   | 100 | 90  | 39 | M16 |
| -          | <b>135</b> | -          | Standard | 85.5 | 254.5 | 102 | H7     | 110 | 110 | 100 x 94<br>DIN 5482 |  | 102                  | h6       | 105 | 337 | 101 | 125 | 2   | 2x45°   | 120 | 110 | 39 | M16 |
| <b>190</b> | -          | <b>190</b> | Standard | 75   | 265   | 102 | H7     | 110 | 110 | 100 x 94<br>DIN 5482 |  | 102                  | h6       | 105 | 337 | 101 | 125 | 2   | 2x45°   | 120 | 110 | 39 | M16 |



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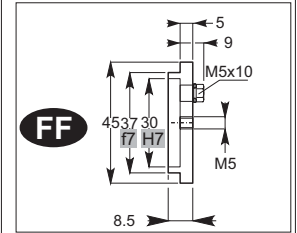
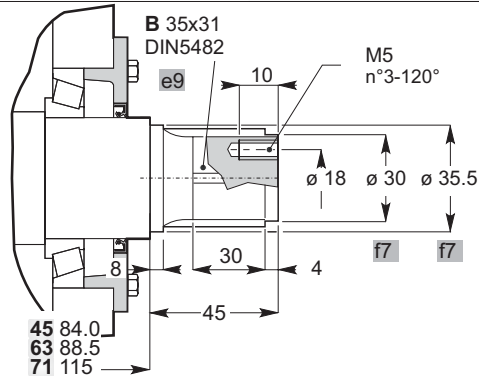
Pagina bianca  
Leerseite  
Blank page

Estremità albero lento scanalato senza  
flangia brocciataSplined output shaft without broached  
flangeAbtriebswelle mit Keilende ohne  
geräumtem Flansch

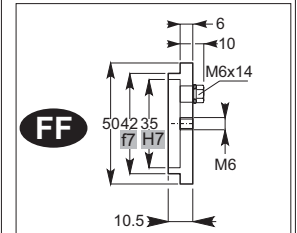
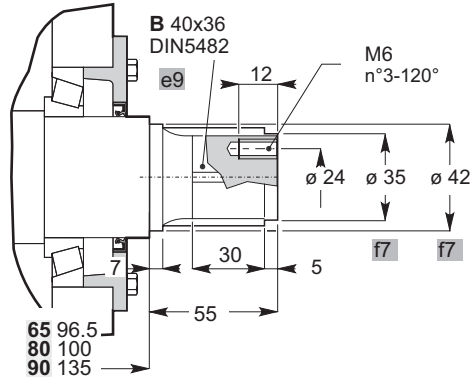
| P_- | P_L | P_E |          | C    | C1    | de<br>h 10      | F  | Profilo scanalato<br>Splined profile<br>Keilprofil |    |         |                 |            |    |
|-----|-----|-----|----------|------|-------|-----------------|----|--|----|---------|-----------------|------------|----|
|     |     |     |          |      |       |                 |    | Sc   | Z  | mn      | $\alpha$        | dc<br>(f7) | Sp |
| -   | 45  | -   | Standard | 46   | 84    | Look<br>Drawing | 70 | DIN 5482<br>35 x 31                                |    |         | Look<br>Drawing | 25         |    |
| 63  | -   | -   | Standard | 31.5 | 88.5  |                 |    | 35 x 31<br>DIN 5482                                |    |         |                 |            |    |
| 71  | -   | -   | Standard | 35   | 115   |                 |    | 35 x 31<br>DIN 5482                                |    |         |                 |            |    |
| -   | 65  | -   | Standard | 33.5 | 96.5  |                 |    | DIN 5482<br>40 x 36                                |    |         |                 |            |    |
| 80  | -   | -   | Standard | 30   | 100   |                 |    | 40 X 36<br>DIN 5482                                |    |         |                 |            |    |
| 90  | -   | -   | Standard | 45   | 135   |                 |    | 40 X 36<br>DIN 5482                                |    |         |                 |            |    |
| -   | 85  | -   | Standard | 42   | 113   |                 |    | DIN 5482<br>58 x 53                                |    |         |                 |            |    |
| 100 | -   | -   | Standard | 42   | 113   |                 |    | 58 X 53<br>DIN 5482                                |    |         |                 |            |    |
| 112 | -   | -   | Standard | 50   | 160   |                 |    | 58 X 53<br>DIN 5482                                |    |         |                 |            |    |
| -   | 95  | -   | Standard | 52   | 128   |                 |    | DIN 5482<br>70 x 64                                |    |         |                 |            |    |
| 125 | -   | 125 | Standard | 44.5 | 135.5 |                 |    | 70 X 64<br>DIN 5482                                |    |         |                 |            |    |
| -   | 105 | -   | Standard | 85.5 | 156.5 |                 |    | 69.3   | 70 | FIAT 70 |                 |            | 26 |
| 132 | -   | 132 | Standard | 62   | 180   | 69.3            | 69 | FIAT 70  | 26 | 2.58    | 30°             | 70         | 25 |
| -   | 115 | -   | Standard | 83.5 | 190.5 | 79.3            | 70 | FIAT 80  | 27 | 2.82    | 30°             | 80         | 20 |
| 150 | -   | 150 | Standard | 70   | 204   | 79.3            | 69 | FIAT 80  | 27 | 2.82    | 30°             | 80         | 20 |
| -   | 125 | -   | Standard | 74.3 | 227.8 | 94.3            | 75 | FIAT 95  | 31 | 2.97    | 30°             | 95         | 25 |
| 170 | -   | 170 | Standard | 77   | 225   | 94.3            | 74 | FIAT 95  | 31 | 2.97    | 30°             | 95         | 25 |
| -   | 135 | -   | Standard | 85.5 | 254.5 | 104.4           | 80 | D. 105 DIN 5480                                    | 34 | 3       | 30°             | 106        | 25 |
| 190 | -   | 190 | Standard | 75   | 265   | 104.4           | 79 | D.105 DIN 5480                                     | 34 | 3       | 30°             | 106        | 25 |



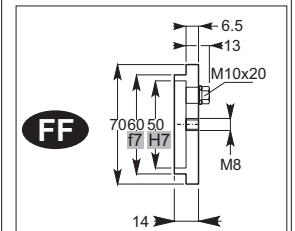
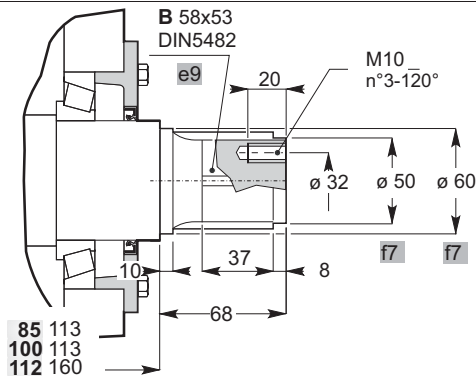
**45-63-71**



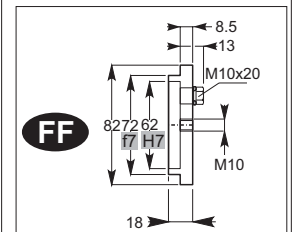
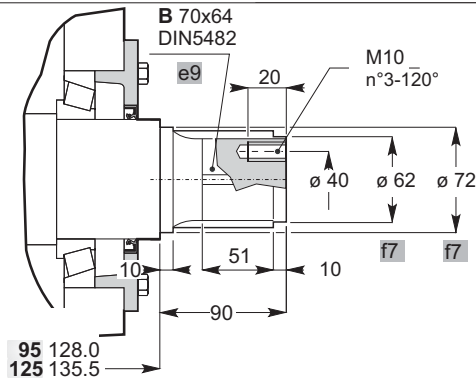
**65-80-90**



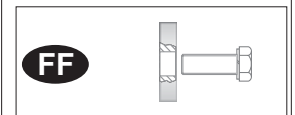
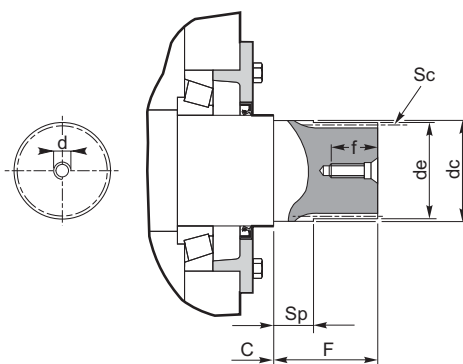
**85-100-112**

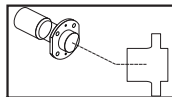
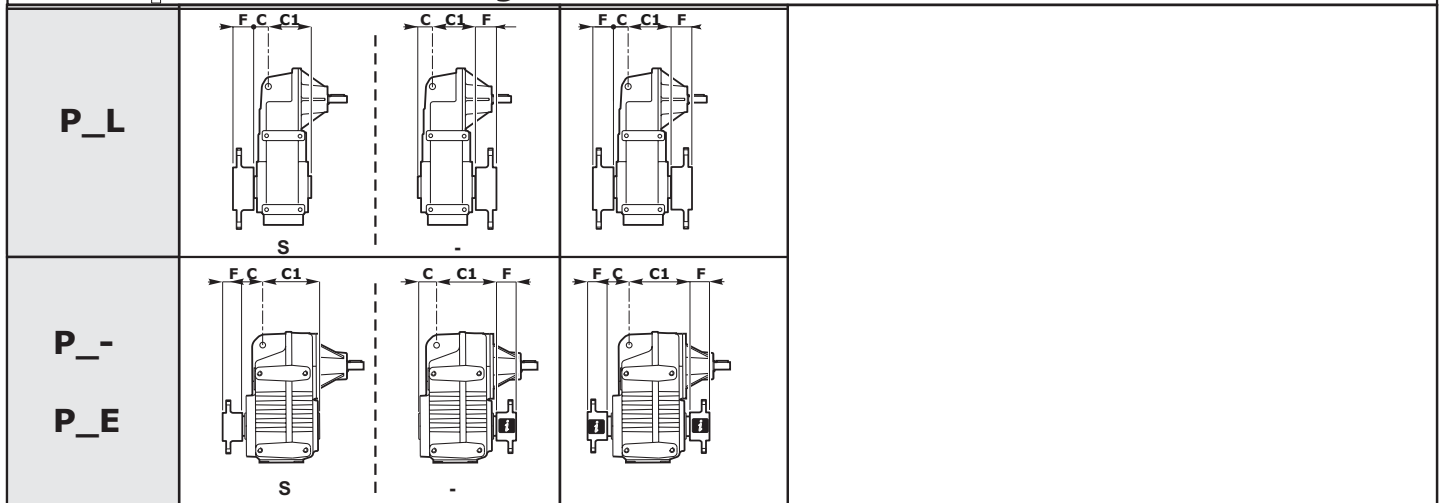


**95-125**

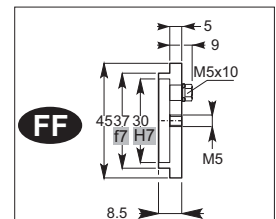
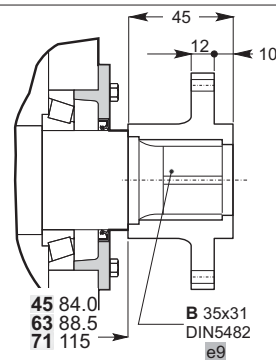
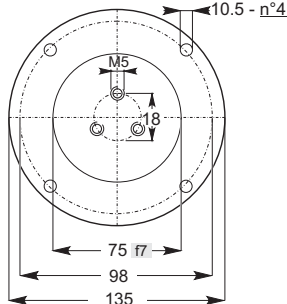
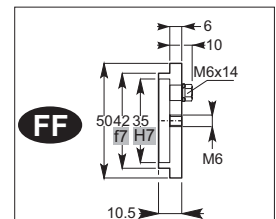
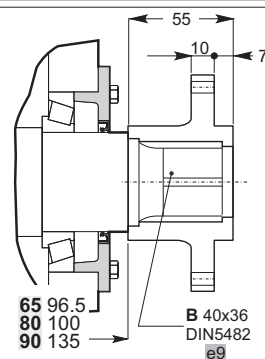
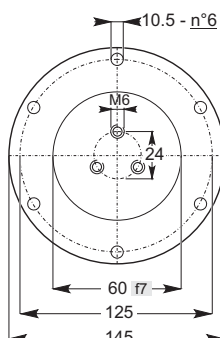


**132-150-170-190**  
**105-115-125-135**



Estremità scanalata albero lento flangia  
brocciataSpined output shaft and broached  
flangeAbtriebswelle mit Keilende und  
geräumtem Flansch**Output Shaft**  
Broached flange

| P_- | P_L | P_E |          | de           | ØA    | ØB  | C    | C1    | Øce | ØCe<br>TOLL. | N° Fori | ØD   | E   | F  | G  | H  | I  | N   | N<br>TOLL. |
|-----|-----|-----|----------|--------------|-------|-----|------|-------|-----|--------------|---------|------|-----|----|----|----|----|-----|------------|
| -   | 45  | -   | Standard | Look Drawing |       |     | 46   | 84    |     |              |         |      |     |    |    |    |    |     |            |
| 63  | -   | -   | Standard |              |       |     | 31.5 | 88.5  |     |              |         |      |     |    |    |    |    |     |            |
| 71  | -   | -   | Standard |              |       |     | 35   | 115   |     |              |         |      |     |    |    |    |    |     |            |
| -   | 65  | -   | Standard |              |       |     | 33.5 | 96.5  |     |              |         |      |     |    |    |    |    |     |            |
| 80  | -   | -   | Standard |              |       |     | 30   | 100   |     |              |         |      |     |    |    |    |    |     |            |
| 90  | -   | -   | Standard |              |       |     | 45   | 135   |     |              |         |      |     |    |    |    |    |     |            |
| -   | 85  | -   | Standard |              |       |     | 42   | 113   |     |              |         |      |     |    |    |    |    |     |            |
| 100 | -   | -   | Standard |              |       |     | 42   | 113   |     |              |         |      |     |    |    |    |    |     |            |
| 112 | -   | -   | Standard |              |       |     | 50   | 160   |     |              |         |      |     |    |    |    |    |     |            |
| -   | 95  | -   | Standard |              |       |     | 52   | 128   |     |              |         |      |     |    |    |    |    |     |            |
| 125 | -   | 125 | Standard | 44.5         | 135.5 |     |      |       |     |              |         |      |     |    |    |    |    |     |            |
| -   | 105 | -   | Standard | 69.3         | 200   | 160 | 85.5 | 156.5 | 100 | f8           | 4       | 17.5 | M10 | 70 | 43 | 11 | 16 | 180 | h9         |
| 132 | -   | 132 | Standard | 69.3         | 200   | 160 | 62   | 180   | 100 | f8           | 4       | 17.5 | M10 | 70 | 43 | 11 | 16 | 180 | h9         |
| -   | 115 | -   | Standard | 79.3         | 220   | 180 | 83.5 | 190.5 | 110 | f8           | 4       | 19.5 | M10 | 70 | 40 | 12 | 18 | 200 | h9         |
| 150 | -   | 150 | Standard | 79.3         | 220   | 180 | 70   | 204   | 110 | f8           | 4       | 19.5 | M10 | 70 | 40 | 12 | 18 | 200 | h9         |
| -   | 125 | -   | Standard | 94.3         | 240   | 190 | 74.3 | 227.8 | 130 | f8           | 8       | 19.5 | M10 | 75 | 40 | 15 | 20 | 220 | h9         |
| 170 | -   | 170 | Standard | 94.3         | 240   | 190 | 77   | 225   | 130 | f8           | 8       | 19.5 | M10 | 75 | 40 | 15 | 20 | 220 | h9         |
| -   | 135 | -   | Standard | 104.4        | 250   | 200 | 85.5 | 254.5 | 145 | f8           | 8       | 21.5 | M12 | 80 | 40 | 20 | 20 | 230 | h9         |
| 190 | -   | 190 | Standard | 104.4        | 250   | 200 | 75   | 265   | 145 | f8           | 8       | 21.5 | M12 | 80 | 40 | 20 | 20 | 230 | h9         |

**45-63-71****65-80-90**



Estremità scanalata albero lento flangia brocciata

Splined output shaft and broached flange

Abtriebswelle mit Keilende und geräumtem Flansch

|                                   |  |  |
|-----------------------------------|--|--|
| <p><b>85-100-112</b></p>          |  |  |
| <p><b>95-125</b></p>              |  |  |
| <p><b>105-115<br/>132-150</b></p> |  |  |
| <p><b>125-135<br/>170-190</b></p> |  |  |



1.9 OPT - ACC. - Accessori - Opzioni

1.9 OPT - ACC. - Accessories - Options

1.9 OPT-ACC.Zubehör - Optionen

**AV**

ANTIVIBRANTE VKL

**RUBBER BUFFER VKL**

**GUMMIHÜLSE VKL**

Per riduttori e motoriduttori pendolari.

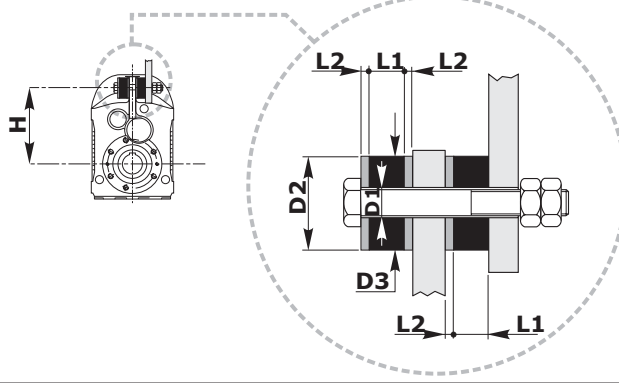
For shaft mounted gearboxes and geared motors.

Für aufsteckgetriebe und aufsteckgetriebe-motoren.

**ACCESSORIES**  
**RUBBER BUFFER VKL**



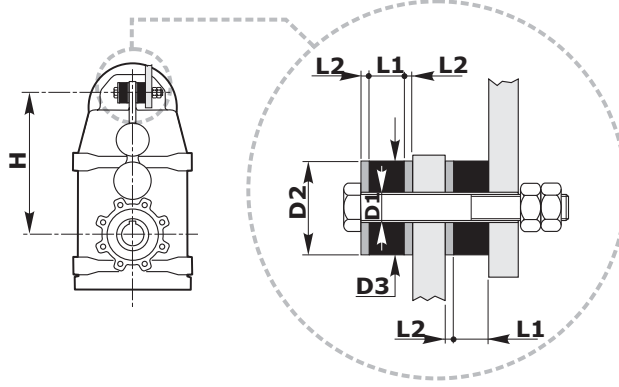
- 63
- 71
- 80
- 90
- 100
- 112
- 125
- 132
- 150
- 170
- 190
- AV**



**ACCESSORIES**  
**RUBBER BUFFER VKL**



- 25
- 45
- 65
- 85
- 95
- 105
- 115
- 125
- 135
- AV**



| P_- | P_L | P_E |  | D1   | D2 | D3 | L1 | L2 | H   |
|-----|-----|-----|--|------|----|----|----|----|-----|
| -   | 25  | -   |  | 12   | 25 | 25 | 16 | 4  | 145 |
| -   | 45  | -   |  | 12.5 | 40 | 40 | 16 | 4  | 175 |
| 63  | -   | -   |  | 12.5 | 40 | 40 | 16 | 4  | 152 |
| 71  | -   | -   |  | 12.5 | 40 | 40 | 16 | 4  | 165 |
| -   | 65  | -   |  | 12.5 | 25 | 25 | 16 | 4  | 225 |
| 80  | -   | -   |  | 12.5 | 25 | 25 | 16 | 4  | 198 |
| 90  | -   | -   |  | 12.5 | 40 | 40 | 16 | 4  | 200 |
| -   | 85  | -   |  | 12.5 | 40 | 40 | 16 | 4  | 260 |
| 100 | -   | -   |  | 12.5 | 40 | 40 | 16 | 4  | 245 |
| 112 | -   | -   |  | 21   | 60 | 60 | 22 | 8  | 255 |
| -   | 95  | -   |  | 12.5 | 40 | 40 | 16 | 4  | 325 |
| 125 | -   | 125 |  | 21   | 60 | 60 | 22 | 8  | 310 |
| -   | 105 | -   |  | 22   | 60 | 60 | 22 | 8  | 375 |
| 132 | -   | 132 |  | 21   | 60 | 60 | 22 | 8  | 330 |
| -   | 115 | -   |  | 22   | 60 | 60 | 22 | 8  | 450 |
| 150 | -   | 150 |  | 25   | 70 | 70 | 25 | 10 | 395 |
| -   | 125 | -   |  | 25   | 70 | 70 | 25 | 10 | 550 |
| 170 | -   | 170 |  | 25   | 70 | 70 | 25 | 10 | 455 |
| -   | 135 | -   |  | 32   | 90 | 90 | 32 | 12 | 595 |
| 190 | -   | 190 |  | 32   | 90 | 90 | 32 | 12 | 485 |



**1.9 OPT - ACC. - Accessori - Opzioni**

**1.9 OPT - ACC. - Accessories - Options**

**1.9 OPT-ACC.Zubehör - Optionen**

**AL AL - ALBERO LENTO SPORGENTE**

**AL - SINGLE OUTPUT SHAFTS**

**AL - EINSEITIGE ABTRIEBSWELLEN**

Tutti i riduttori sono forniti con albero lento cavo. A richiesta, possono essere forniti kit di montaggio per alberi sporgenti comprensivi di linguette, rondelle e viti di fissaggio. Le dimensioni delle linguette sono conformi alle norme UNI 6604-69.

All gearboxes are supplied with hollow output shaft. On request there are available also assembly kits including output shafts, keys, washers and assembly screws. The dimensions of the keys are conform with UNI 6604-69.

Alle Getriebe werden mit Abtriebshohlwelle geliefert. Auf Anfrage sind auch Montagekits inklusive Abtriebswellen, Paßfedern, Unterlegscheiben und Montageschrauben erhältlich. Die Abmessungen der Paßfedern sind konform mit der UNI 6604-69.

### ACCESSORIES

Output shafts - AL

**63**  
**71**  
**90**  
**112**  
**125**  
**AL**

### ACCESSORIES

Output shafts - AL

**25**  
**45**  
**65**  
**85**  
**95**  
**AL**

| P_- | P_L | P_E | B          | C    | C1    | D  | coll. D | m2   | L1  | L2  | Lm | X |
|-----|-----|-----|------------|------|-------|----|---------|------|-----|-----|----|---|
| -   | 25  | -   | 10         | 44.5 | 60.5  | 20 | g6      | M 8  | 25  | 40  | 20 | 7 |
| -   | 45  | -   | 16         | 46   | 84    | 30 | g6      | M 10 | 50  | 60  | 25 | 5 |
| 63  | -   | -   | 1          | 31.5 | 88.5  | 30 | g6      | M10  | 50  | 60  | 25 | 5 |
| 71  | -   | -   | 1          | 35   | 115   | 35 | g6      | M10  | 60  | 70  | 25 | 5 |
| -   | 65  | -   | 15         | 33.5 | 96.5  | 35 | g6      | M 10 | 60  | 70  | 25 | 5 |
| 80  | -   | -   | on request |      |       |    |         |      |     |     |    |   |
| 90  | -   | -   | 1          | 45   | 135   | 40 | g6      | M10  | 70  | 80  | 25 | 5 |
| -   | 85  | -   | 21         | 42   | 113   | 45 | g6      | M 10 | 80  | 90  | 25 | 5 |
| 100 | -   | -   | on request |      |       |    |         |      |     |     |    |   |
| 112 | -   | -   | 1          | 50   | 160   | 50 | g6      | M12  | 90  | 100 | 32 | 5 |
| -   | 95  | -   | 26         | 52   | 128   | 55 | g6      | M 12 | 100 | 110 | 32 | 5 |
| 125 | -   | 125 | 26         | 44.5 | 135.5 | 55 | g6      | M12  | 100 | 110 | 32 | 5 |

\* ATTENZIONE  
L'albero lento sporgente è fornito per essere installato sulla versione del riduttore con albero CAVO con diametro STANDARD.

\*ATTENTION  
The output shaft is available only for standard hollow shaft diameter.

Achtung:  
Die Einseitige Abtriebswelle wird fuer die Montage bei Getrieben mit Standart Hohlwelle geliefert.





1.9 OPT - ACC. - Accessori - Opzioni

1.9 OPT - ACC. - Accessories - Options

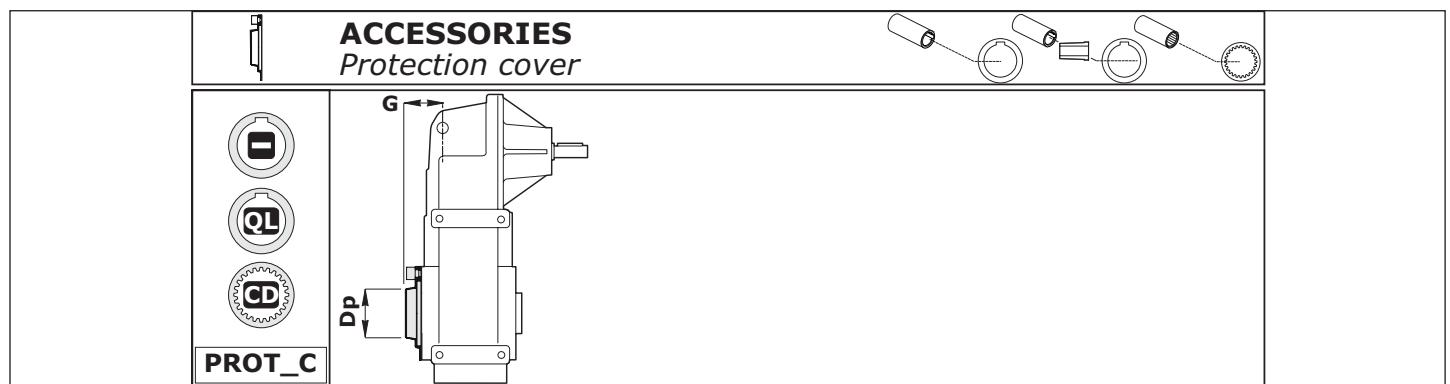
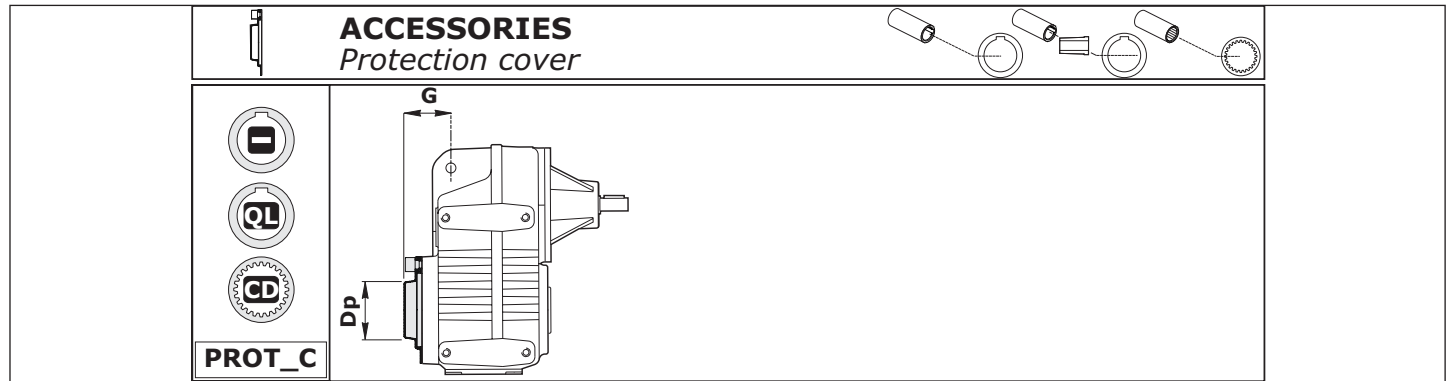
1.9 OPT-ACC.Zubehör - Optionen

**PROT**

PROT\_C - Coperchio di protezione

PROT\_C - Protection cover

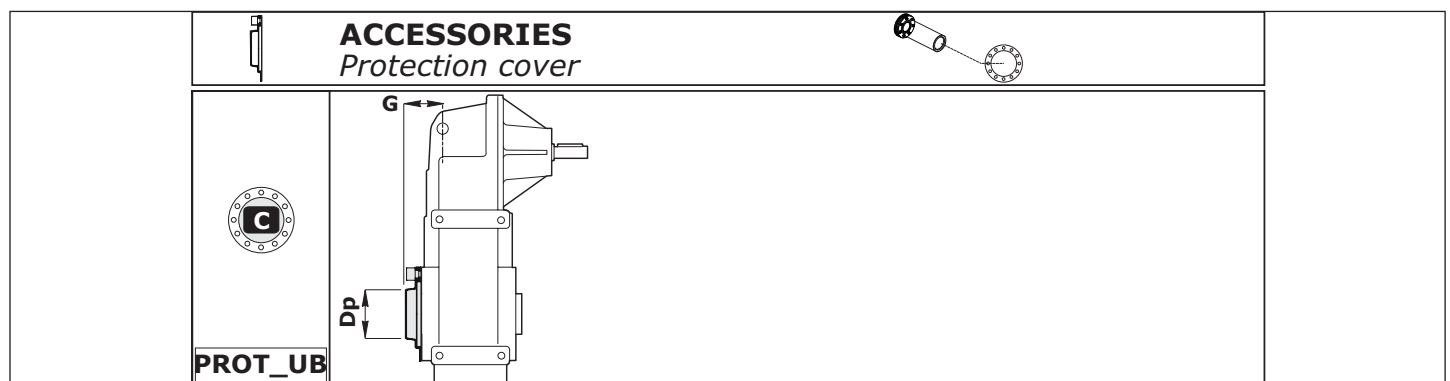
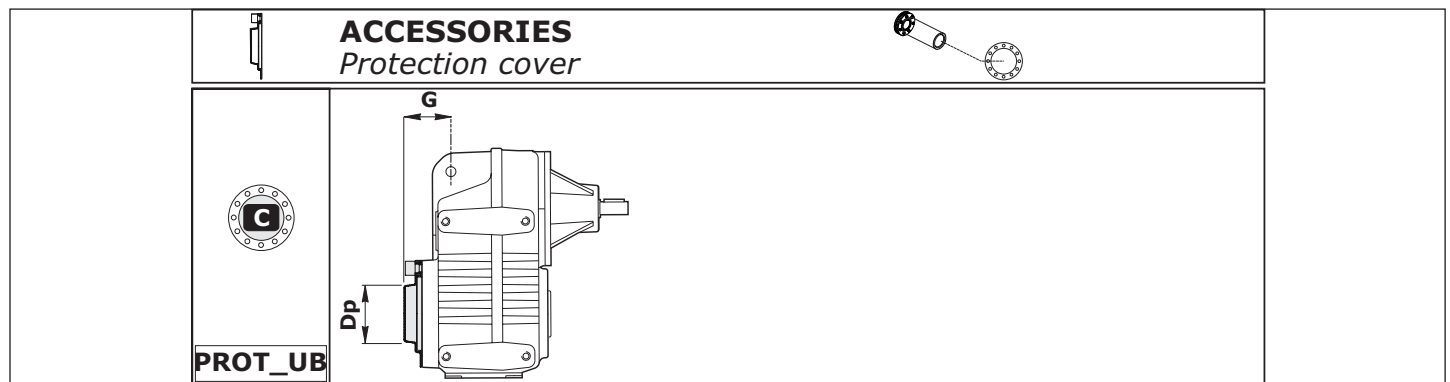
PROT\_C - Schutzvorrichtungdeckel

**PROT**

PROT\_UB - Coperchio di protezione

PROT\_UB - Protection cover

PROT\_UB - Schutzvorrichtungdeckel



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