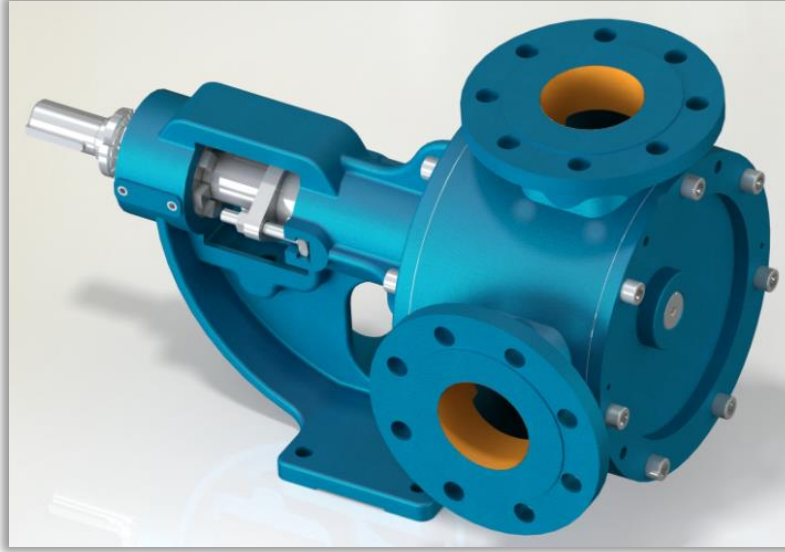




**POMPA DEĞERLERİ /  
PUMP PROPERTIES**

|              |                        |
|--------------|------------------------|
| <b>Q</b>     | : 32 m <sup>3</sup> /h |
| <b>Hm</b>    | : 1 ~ 14 Bar           |
| <b>T</b>     | : 0 ~ 200 °C           |
| <b>n</b>     | : 420 d/d              |
| <b>Visc.</b> | : 100 ~ 250.000 SSU    |

**KULLANIM ALANLARI**

- Fuel Oil Servis Tankları, Gaz Yağı, Mazot Tankerlerinde
- Reçine ve Polimerler
- Asfalt ve Bitüm
- Kağıt ve Boya Sanayinde
- Küçük çapta kızgın yağ sirkülasyonlarında
- İlaç, kimya ve deterjan sanayinde
- Gıda Sanayinde.

**USE AREAS**

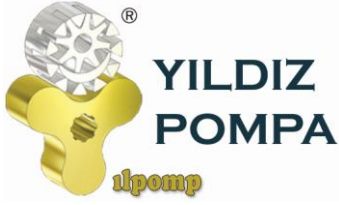
- Fuel Oil Service Tanks, Gasoil, Diesel Tankers
- Resin and Polymer
- Asphalt and Bitumen
- Paper and Paint/dye industry
- Circulation of Hot Oil (limited)
- Medicine, Chemical and Detergent Industry
- Food Industry.

**MALZEME SEÇENEKLERİ**

- Pompa Gövdesi, Kapaklar : Dökme (pik) demir, Sfero döküm, Çelik döküm, Paslanmaz AISI 304- AISI 316 döküm
- Dişliler : Sfero döküm, Çelik döküm, Paslanmaz AISI 304- AISI 316 döküm
- Yataklar : Snbz 12 bronz, karbon grafit, Silisyum Karbür, Sert Metal Kaplama, rulman
- Sızdırmazlık: Yumuşak Salmastra, Rotatherm Salmastra, Mekanik salmastra. Keçeli Sistem, Kartex Mekanik Salmastra

**MATERIAL OPTIONS**

- Pump Body, covers : Pig Cast Iron, Spheroidal Cast iron, Cast Steel, AISI 304/316 CrNi Stainless Steel
- Gears : Spheroidal Cast iron, Cast Steel, AISI 304/316 CrNi Stainless Steel
- Bearings: Snbz 12 bronze, carbon graphite, silicon carbide, hard metal coated steel, bearing
- Sealing: Soft Seal or Packing Gland, Rotatherm Seal, Lip Seal, Mechanical Seal, Cartridge Type Mechanical Seal



## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



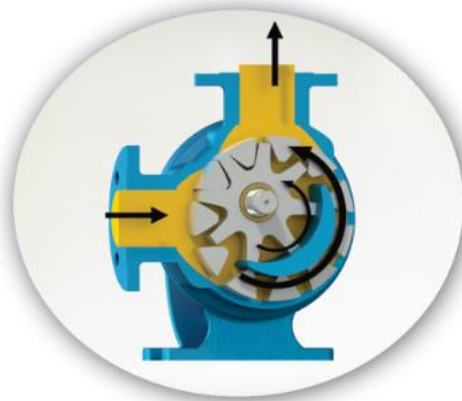
### İÇTEN EKSANTİK DİŞLİ POMPA ÇALIŞMA PRENSİBİ / WORKING PRINCIPLE OF INTERNAL ECCENTRIC GEAR PUMP

Yıldız Pompa' nın "dişli içinde dişli" prensibinde sadece iki tane hareketli parça vardır. Bütün pozitif deplasmanlı YILDIZ dişli pompalarının güvenilir ve verimli çalışmasının sırrı budur. Sıvının pozitif deplasmanı (yer değiştirmesi) rotor ve avare dişlisinin dişleri arasındaki boşluğun komple dolmasıyla sağlanmaktadır. Bütün dişli pompalarda olduğu gibi, YILDIZ POMPA' da da performansın en üst noktaya çıkmasını sınırlayıcı yegane faktör, pompalanan sıvının diğerlerine göre daha temiz olmasını istemesidir.

Pompa milinin her devrinde emiş ağzı yoluyla belli bir miktar sıvı pompaya girer. Bu sıvı rotor ile avare dişlisi arasındaki boşluğu doldurur. Pompa kapağında bulunan hilal, çıkış ağzına doğru pürüzsüz şekilde hareket eden sıvının akışını ayırır. Kendi dişleri ile hilalin iç yüzeyi arasında sıvıyı taşıyan avare dişlisi pompa kapağının desteklediği bir mil üzerinde döner. Dişleri arasında sıvıyı taşıyan rotor dişlisi pompa gövdesi ile hilalin dış yüzeyi arasında hareket eder ve pompa miline bağlıdır.

*YILDIZ's simple "gear-within a gear" principle has only two moving parts. It is the secret of dependable, efficient operation of all positive displacement YILDIZ POMPA's PUMPS. The positive displacement of liquid is accomplished by the complete filling of the spaces between the teeth of the rotor and idler gears. The only limiting factor to peak performance in YILDIZ POMPA, as with all rotary pumps, is that the liquid pumped must be comparatively clean.*

*With every revolution of the pump's shaft, a definite amount of liquid enters the pump through the suction port. This liquid fills the spaces between the teeth of the rotor and the idler. The crescent on the pump head splits the flow of liquid as it moves smoothly towards the discharge port. The idler gear, which carries the liquid between its teeth and the inside surface of the crescent is connected to pump cover. On the otherhand, rotor gear which is rotated directly with pump shaft delivers the liquid between gear teeth and crescent's souter surface.*



## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



Yandaki renkli kısım sıvının pompa gövdesindeki emiş ağızı alanına, rotor dişlisi ve avare dişlisi dişleri arasındaki dişli boşlukları alanına girişini gösterir. İki siyah ok pompanın dönüş ve sıvının ilerleyişini gösterir.

*The yellow colored portion at side indicates the liquid as it enters the suction port area of the casing and the area between the rotor teeth and corresponding concave area between the idler teeth. The two black arrows indicate the pump rotation and progress of the liquid.*



"Dişli içinde dişli" prensibinde çalışan dişliler ile pompa içinde sıvının ilerleyişine dikkat edin. Aynı zamanda, pompa kapağı üzerindeki hilal şeklinin sıvıyı nasıl böldüğüne ve emiş ile boşaltma ağızları arasında bir keçe (conta) gibi vazife gördüğüne dikkat ediniz.

*Notice the progress of the liquid through the pump and between the teeth of rotor idler gear. Also, note how the crescent shape on the head divides the liquid and acts as a seal between the suction and discharge ports.*



Bu resim pompanın iç kısmının dolup sıvının boşaltma ağızı alanına itilmesinden hemen önceki durumunu göstermektedir. Avare ve rotor dişlilerinin dizaynının sıvı için nasıl bir kapalı cep oluşturduğuna ve bunun tam bir hacim kontrolü sağlanmasını nasıl garantilediğine dikkat ediniz.

*This illustration shows the pump in a nearly flooded condition just previous to the liquid being forced into the discharge port area. Notice how the gear design of the idler and rotor form locked pockets for the liquid to guarantee absolute volume control.*



Bu görüntü pompanın tamamen dolup taşıdığı durumu ve sıvının boşaltma işlemini, boşaltma ağızından ilerleyişini göstermektedir. Emiş ve boşaltma ağızlarına eşit mesafede sızdırmaz bir keçe oluşturan, sıvıyı boşaltma ağızından dışarı doğru iten, rotor ve avare dişlisinin dişleri birbiri içine geçer.

*The view shows the pump in a completely flooded condition and in the process of discharging the liquid through discharge port. The rotor and idler teeth mesh, forming a seal equidistant between the both ports, forcing liquid out the discharge port.*

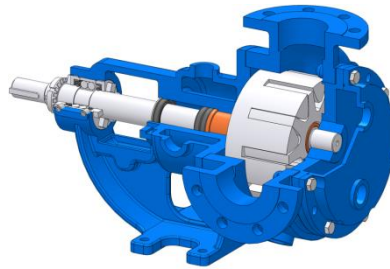
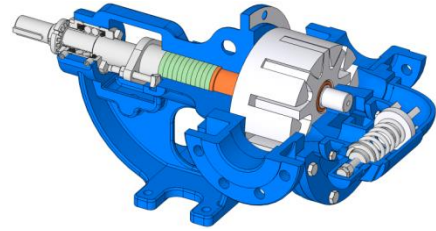
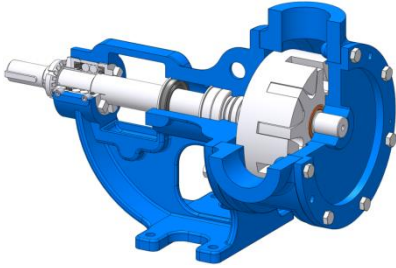
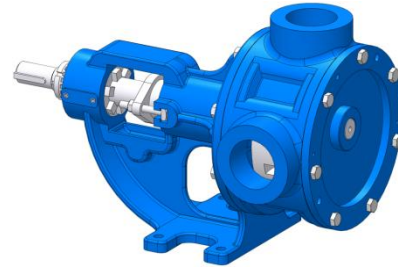
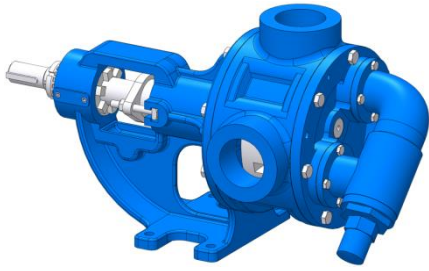




## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



| YK-3" - YKF-3" - YKYF-3" POMPASINA AİT<br>KAPASİTE VE GÜÇ TABLOSU / CAPACITY AND POWER TABLE |                            |                          |        |         |        |                        |
|----------------------------------------------------------------------------------------------|----------------------------|--------------------------|--------|---------|--------|------------------------|
| KAPASİTE (m³/h)<br>CAPACITY (Q)                                                              | DEVİR (d/d)<br>SPEED (rpm) | ÇIKIŞ BASINCI / PRESSURE |        |         |        | VİSKOZİTE<br>VISCOSITY |
|                                                                                              |                            | 2,5 Bar                  | 5 Bar  | 7,5 Bar | 10 Bar |                        |
| 4                                                                                            | 60                         | 3 HP                     | 4 HP   | 5,5 HP  | 5,5 HP | 75.000 SSU             |
| 5                                                                                            | 80                         | 4 HP                     | 5,5 HP | 5,5 HP  | 5,5 HP | 25.000 SSU             |
| 6                                                                                            | 100                        | 4 HP                     | 5,5 HP | 5,5 HP  | 7,5 HP | 25.000 SSU             |
| 16                                                                                           | 200                        | 7,5 HP                   | 10 HP  | 10 HP   | 15 HP  | 75.000 SSU             |
| 22                                                                                           | 280                        | 7,5 HP                   | 10 HP  | 15 HP   | 15 HP  | 25.000 SSU             |
| 27                                                                                           | 350                        | 7,5 HP                   | 10 HP  | 15 HP   | 20 HP  | 7.500 SSU              |
| 32                                                                                           | 400                        | 7,5 HP                   | 15 HP  | 15 HP   | 20 HP  | 2.500 SSU              |

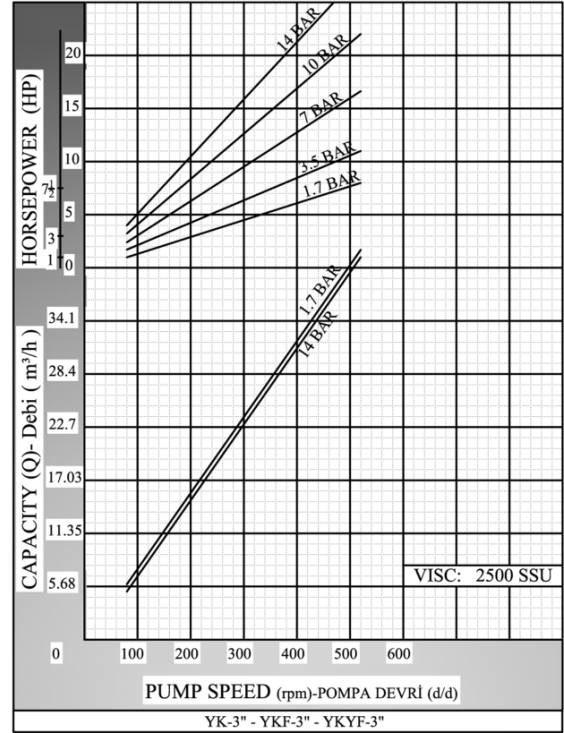
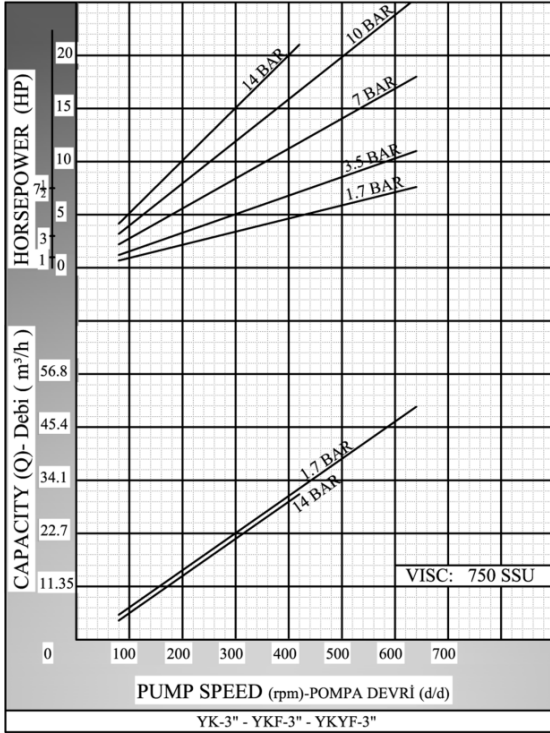
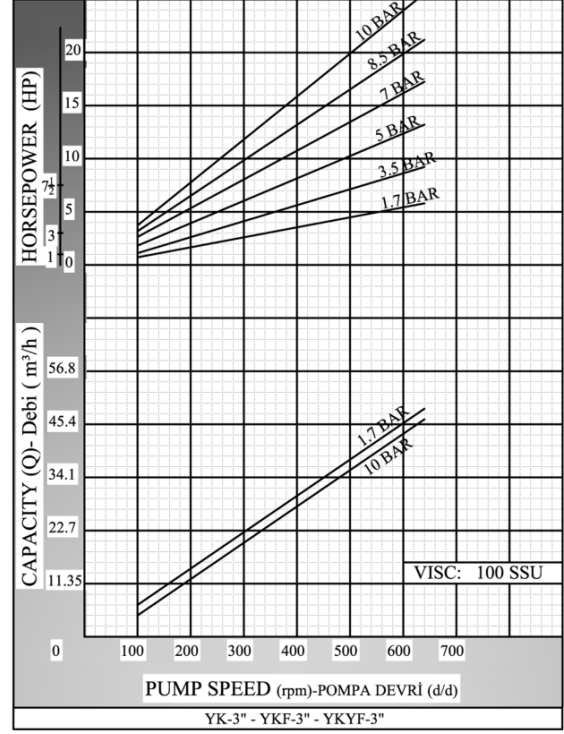
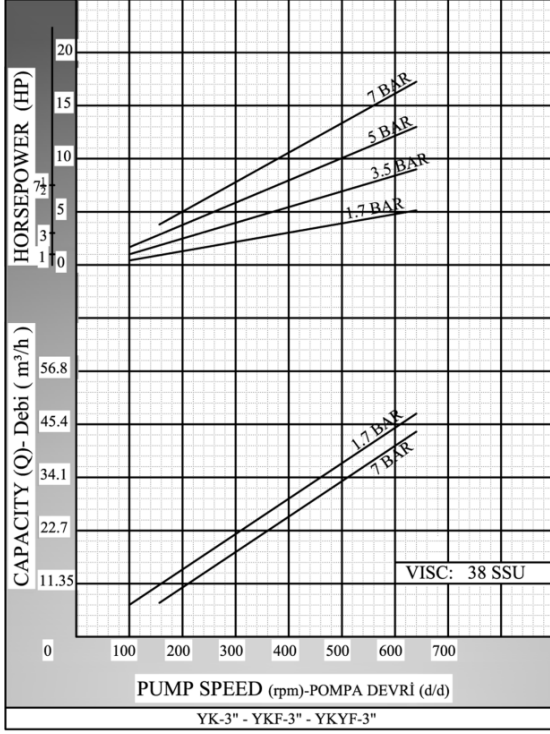




## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP

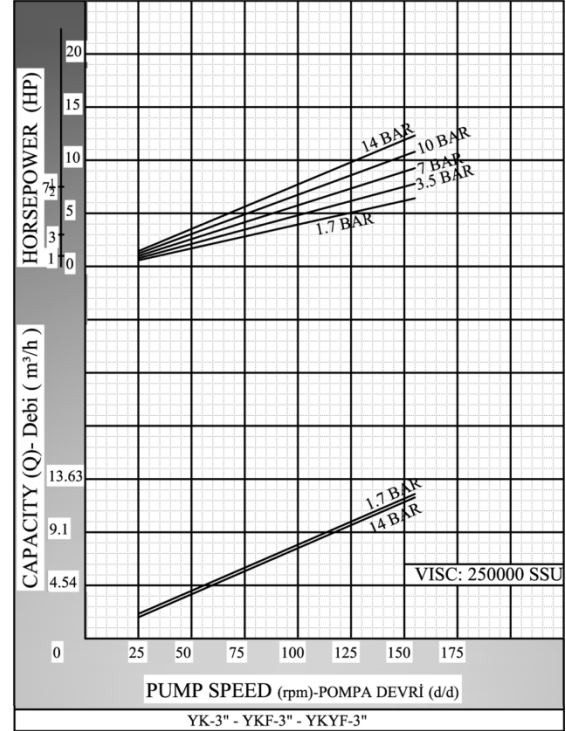
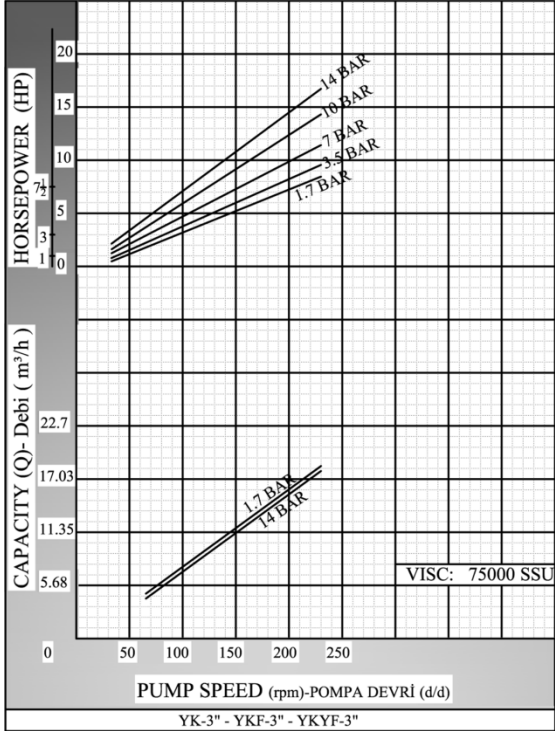
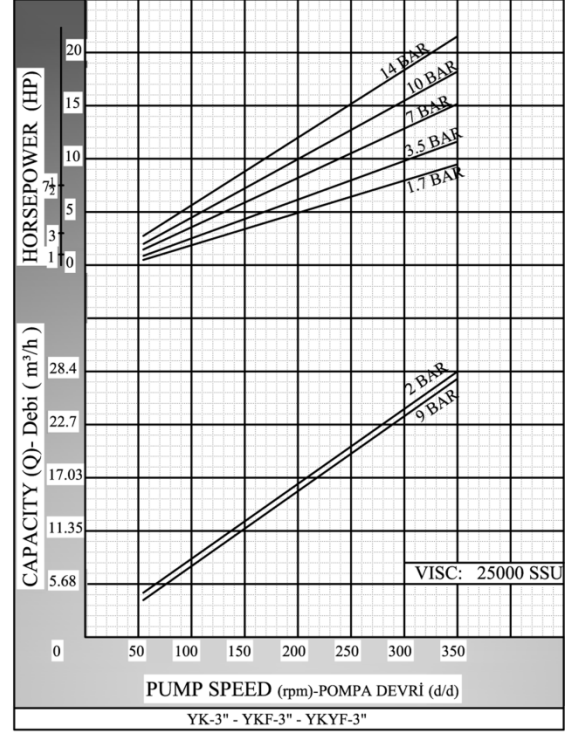
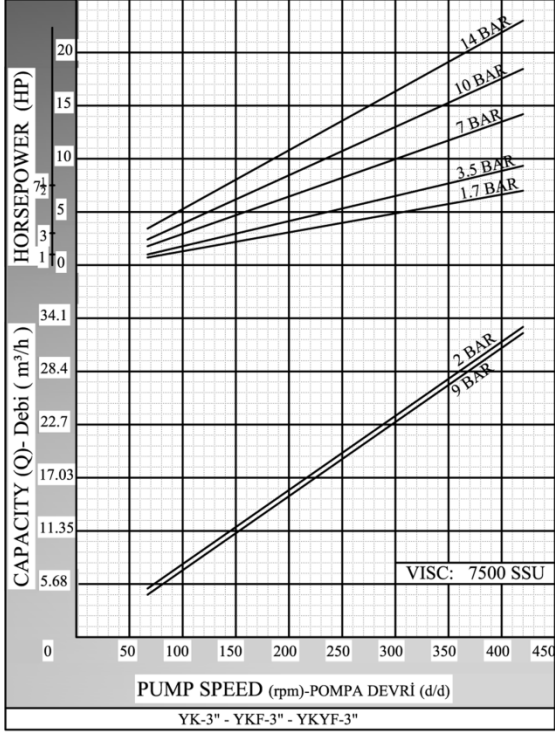


### KAPASİTE EĞRİLERİ / CAPACITY GRAPHS





## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP





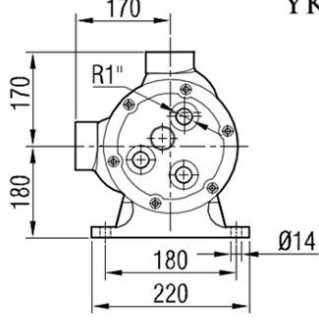


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP

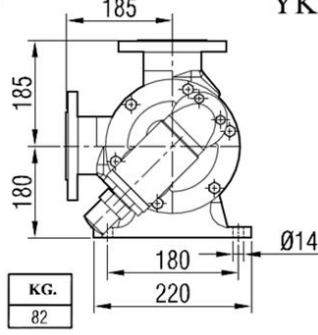


### POMPA BOYUT ÖLÇÜLERİ / PUMP DIMENSIONS

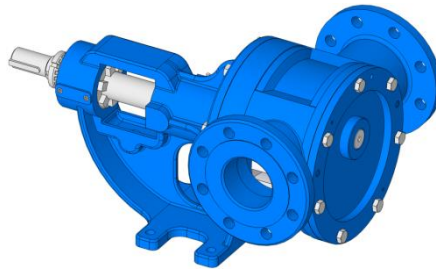
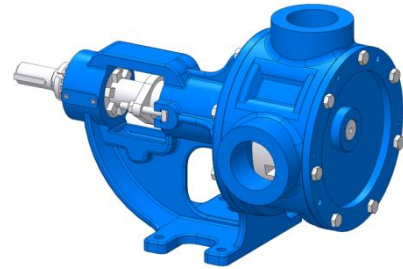
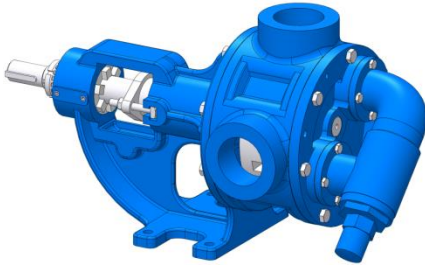
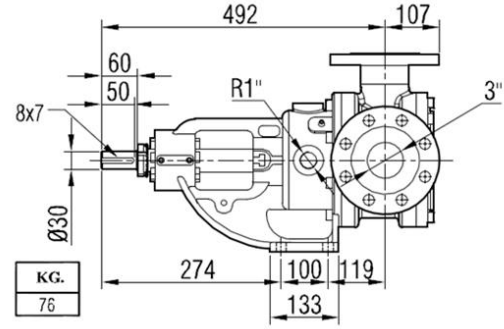
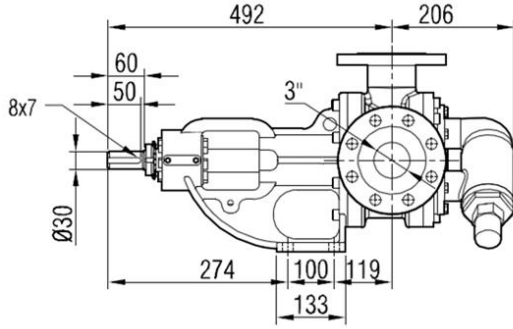
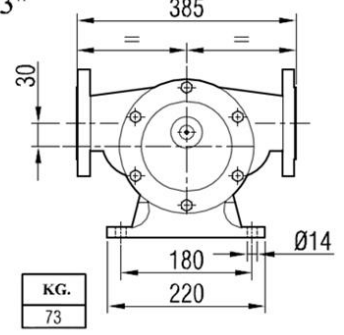
YK 3"



YKF 3"



YKYF 3"



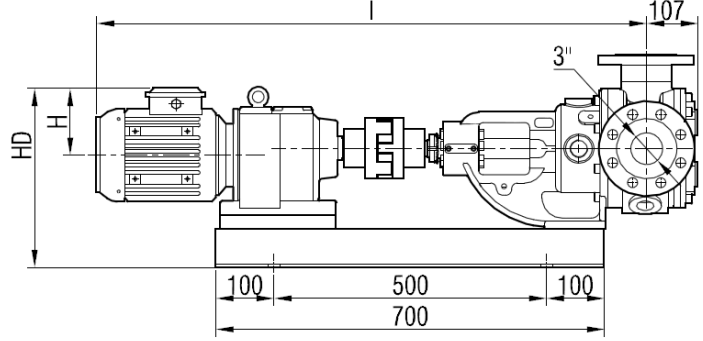
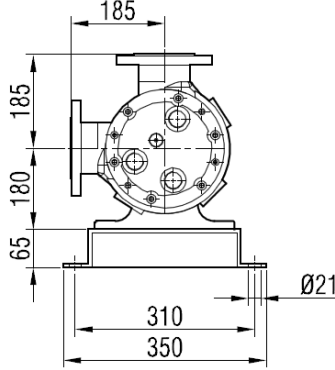


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP

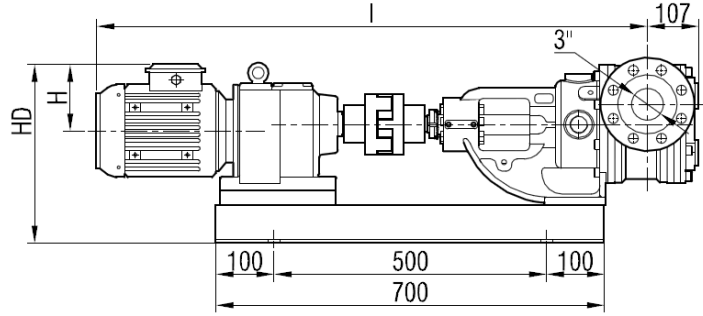
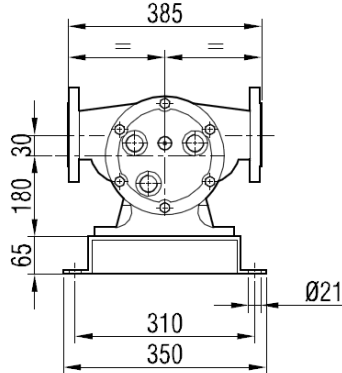


### AKUPLAJ ÖLÇÜLERİ / COUPLING DIMENSIONS REDÜKTÖR AKUPELİ / GEARBOX DRIVE

YKF 3"

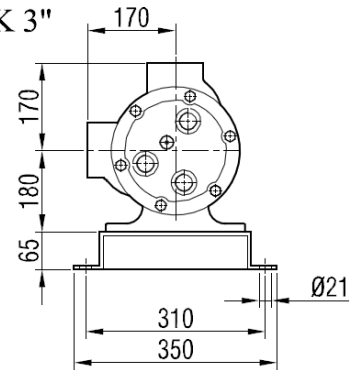


YKYF 3"



| MOTOR GÜÇ VE DEVİRLERİ /<br>MOTOR POWER AND SPEED       |  | I    | HD  | H   | kg.       |
|---------------------------------------------------------|--|------|-----|-----|-----------|
| 3 - 4 hp / 2,2 - 3 kw<br>47/98 d/d (rpm)   I RAM63/100L |  | 1105 | 375 | 141 | 157   160 |
| 5,5 hp / 4 kw<br>87/93 d/d (rpm)   I RAM63/112M         |  | 1125 | 383 | 149 | 162       |

YK 3"



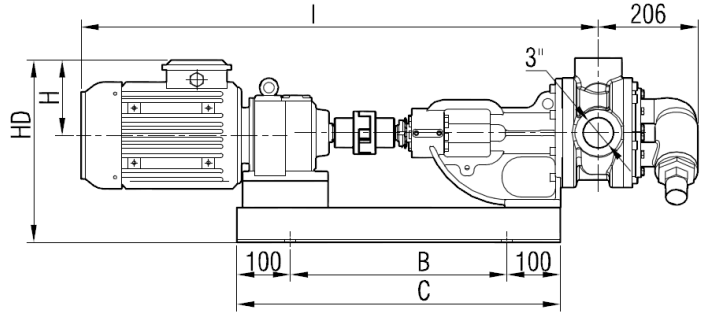
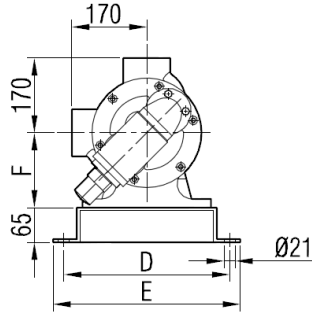




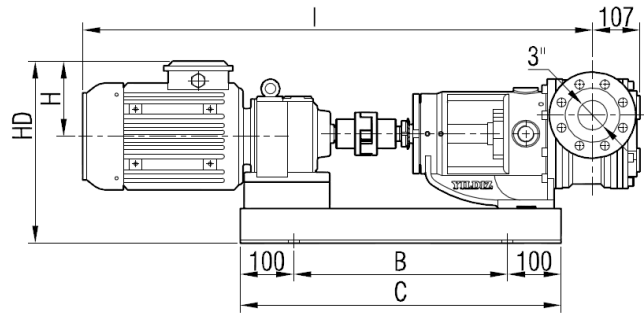
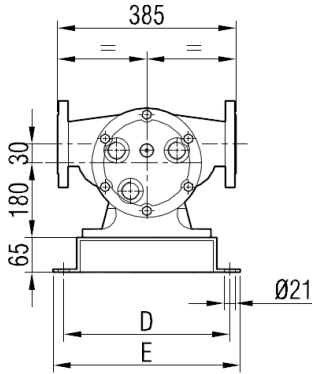
## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YK 3"

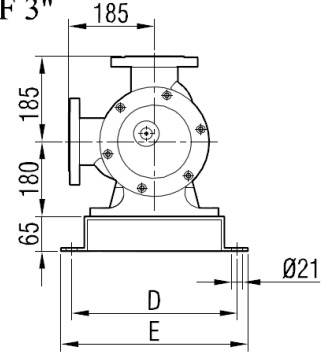


### YKYF 3"



| MOTOR GÜÇ VE DEVİRLERİ /<br>MOTOR POWER AND SPEED |                  | I    | HD  | H   | B   | C   | D   | E   | kg.     |
|---------------------------------------------------|------------------|------|-----|-----|-----|-----|-----|-----|---------|
| 5,5 hp / 4 kw                                     | 7,5 hp / 5,5 kw  | 1123 | 383 | 149 | 500 | 700 |     |     | 159 174 |
| 87/480 d/d(rpm)                                   | 210/450 d/d(rpm) |      |     |     |     |     |     |     |         |
| İRAM62/112M                                       | İRAM62/C112M     |      |     |     |     |     |     |     |         |
| 7,5 hp / 5,5 kw                                   |                  | 1215 |     |     |     |     | 310 | 350 | 185     |
| 75/210 d/d(rpm)                                   | İRAM72/132S      |      |     |     |     |     |     |     |         |
| 10 hp / 7,5 kw                                    | 15 hp / 11 kw    | 1261 | 411 | 182 | 600 | 800 |     |     | 196 198 |
| 93/450 d/d(rpm)                                   | 200/450 d/d(rpm) |      |     |     |     |     |     |     |         |
| İRAM72/132M                                       | İRAM72/C132M     |      |     |     |     |     |     |     |         |
| 20 hp / 15 kw                                     |                  | 1446 | 457 | 225 | 680 |     | 390 | 430 | 336     |
| 130/450 d/d(rpm)                                  | İRAM82/160L      |      |     |     |     |     |     |     |         |

### YKF 3"



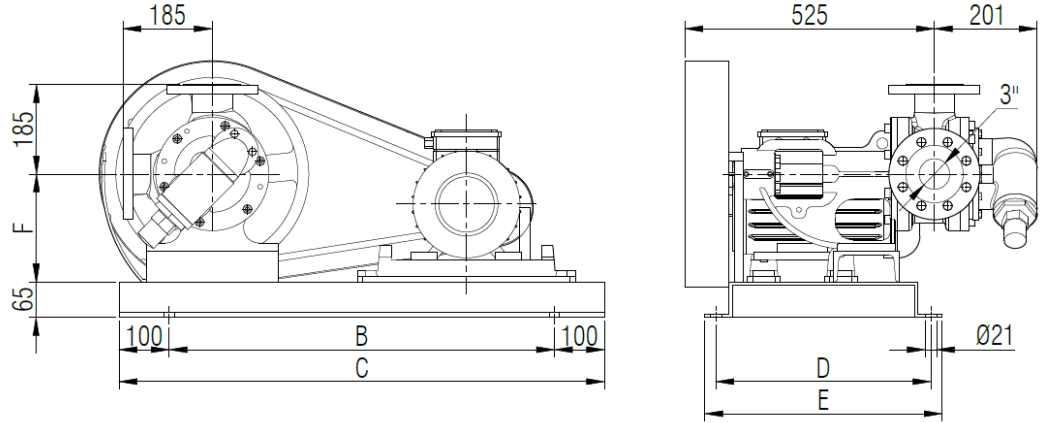


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP

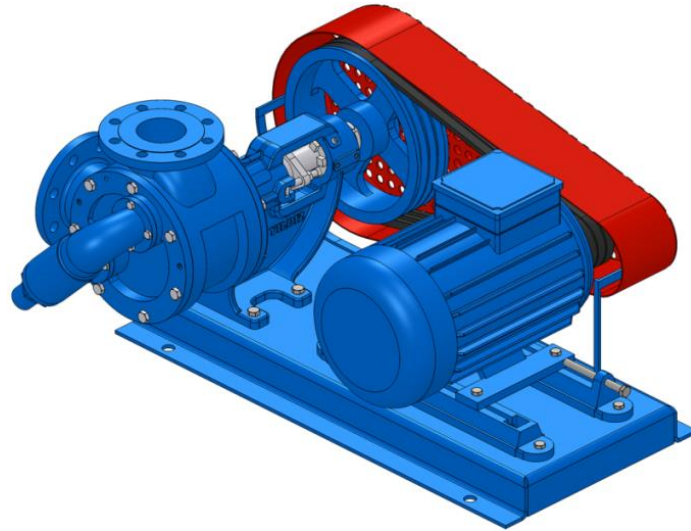


### KAYIŞ KASNAK AKUPLELİ POMPA ÖLÇÜLERİ / BELT PULLEY COUPLING PUMP DIMENSIONS

YKF 3"



| MOTOR GÜÇ VE DEVİRLERİ /<br>MOTOR POWER AND SPEED |            | Pompa Devirleri /<br>Pump speeds |           |           |           | F(1) | F(2) | F(3) | F(4) | B   | C    | D   | E   | kg. |
|---------------------------------------------------|------------|----------------------------------|-----------|-----------|-----------|------|------|------|------|-----|------|-----|-----|-----|
|                                                   |            | n1<br>d/d                        | n2<br>d/d | n3<br>d/d | n4<br>d/d |      |      |      |      |     |      |     |     |     |
| 7,5 hp / 5,5 kw                                   | MOTOR 132S | 450                              | 400       | 350       | 310       | 180  | 180  | 245  | 245  | 680 | 880  | 390 | 430 | 205 |
| 10 hp / 7,5 kw                                    | MOTOR 132M |                                  |           |           |           |      |      |      |      | 950 | 1150 | 530 | 570 | 215 |
| 15 hp / 11 kw                                     | MOTOR 160M |                                  |           |           |           |      |      |      |      |     |      |     |     | 270 |



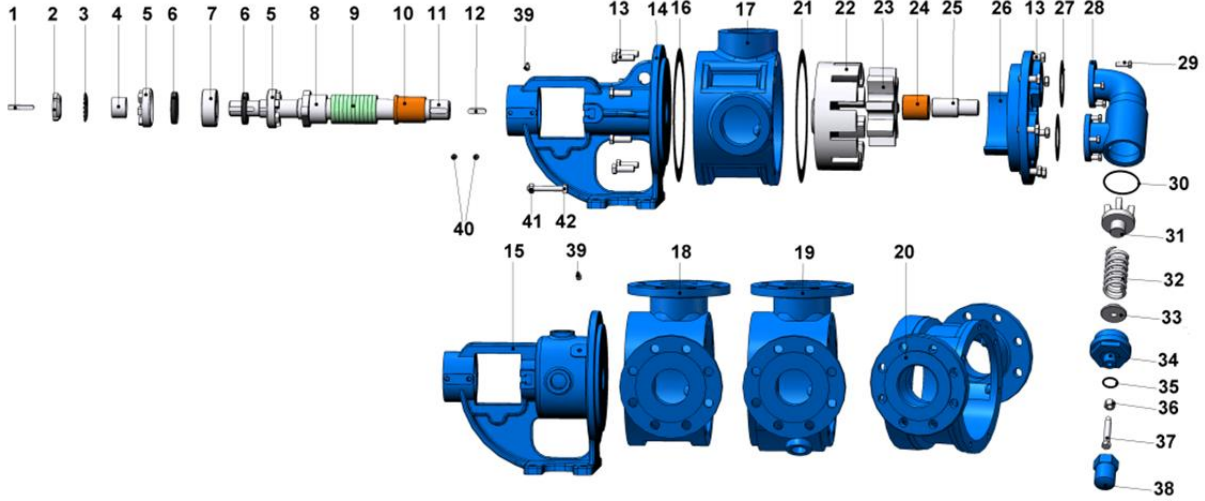


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

YUMUŞAK SALMASTRALI VE BYPASSLI / SEALED WITH SOFT SEAL AND PRESSURE RELIEF  
VALVE ON COVER



| No | PARÇA İSMİ                              | PART NAME                                       | ADET/<br>QTY. | No | PARÇA İSMİ                             | PART NAME                      | ADET/<br>QTY. |
|----|-----------------------------------------|-------------------------------------------------|---------------|----|----------------------------------------|--------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                          | COULPING KEY 8x7x50 AB                          | 1             | 22 | ÇEVRE DİŞLİ                            | ROTOR GEAR                     | 1             |
| 2  | KİLİT SOMUNU                            | LOCK NUT                                        | 1             | 23 | AVARA DİŞLİ                            | IDLER GEAR                     | 1             |
| 3  | KİLİT SACI                              | LOCK WASHER                                     | 1             | 24 | AVARA DİŞLİ BURCU                      | IDLER BUSHING                  | 1             |
| 4  | BİLEZİK                                 | SPACER                                          | 1             | 25 | KAPAK MİLİ                             | COVER PIN                      | 1             |
| 5  | AYAR SOMUNU                             | ADJUSTING NUT                                   | 2             | 26 | KAPAK (BYPASSLI)                       | COVER (w/ BYPASS INLETS)       | 1             |
| 6  | KEÇE $\phi 40 \times \phi 62 \times 10$ | LIP SEAL $\phi 40 \times \phi 62 \times 10$     | 2             | 27 | BYPASS CONTASI                         | BYPASS GASKET                  | 2             |
| 7  | RULMAN (3207)                           | BALL BEARING (3207)                             | 1             | 28 | BYPASS                                 | PRESSURE RELIEF VALVE - BYPASS | 1             |
| 8  | SALMASTRA BASKISI                       | PACKING PRESS                                   | 1             | 29 | 6 KÖŞE CİVATA M8x25                    | HEX BOLT M8x25                 | 8             |
| 9  | YUMUŞAK SALMASTRA                       | SOFT SEAL / PACKING GLAND                       | 1 TK.         | 30 | BYPASS O-RING                          | BYPASS O-RING                  | 1             |
| 10 | KONSOL BURCU                            | BRACKET BUSHING                                 | 1             | 31 | KLEPE                                  | VALVE                          | 1             |
| 11 | MİL                                     | SHAFT                                           | 1             | 32 | YAY                                    | SPRING                         | 1             |
| 12 | KAMA 10x8x35 A                          | ROTOR KEY 10x8x35 A                             | 1             | 33 | PUL                                    | WASHER                         | 1             |
| 13 | 6 KÖŞE CİVATA M12x35                    | HEX BOLT M12x35                                 | 15            | 34 | BYPASS KAPAĞI                          | BYPASS COVER                   | 1             |
| 14 | KONSOL                                  | BRACKET                                         | 1             | 35 | TİJ KAPAK O-RİNG                       | CAP O-RING                     | 1             |
| 15 | KONSOL (CEKETLİ)                        | BRACKET (w/ HEATING JACKET)                     | 1             | 36 | M12 SOMUN                              | NUT M12                        | 1             |
| 16 | KONSOL CONTASI                          | BRACKET GASKET                                  | 1             | 37 | 6 KÖŞE CİVATA M12x80                   | ADJUSTING SCREW M12x80         | 1             |
| 17 | ARA GÖVDE (BORU DİŞLİ 90°)              | CASING (w/ 90° THREADED PORTS)                  | 1             | 38 | TİJ KAPAĞI                             | CAP                            | 1             |
| 18 | ARA GÖVDE (FLANŞLI 90°)                 | CASING (w/ 90° FLANGED PORTS)                   | 1             | 39 | GRESÖR R3/8"                           | GREASING FITTING R3/8"         | 1             |
| 19 | ARA GÖVDE (FLANŞLI CEKETLİ 90°)         | CASING (90° FLANGED PORTS & w/ HEATING JACKETS) | 1             | 40 | SETUSKUR M10x16                        | GRUB SCREWS M10x16             | 4             |
| 20 | ARA GÖVDE (FLANŞLI 180°)                | CASING (w/ 180° FLANGED PORTS)                  | 1             | 41 | M10 SOMUN                              | NUT M10                        | 2             |
| 21 | KAPAK CONTASI                           | COVER GASKET                                    | 1             | 42 | 4 KÖŞE SALMASTRA BASKI CİVATASI M10x70 | SQUARE SCREW M10x70            | 2             |



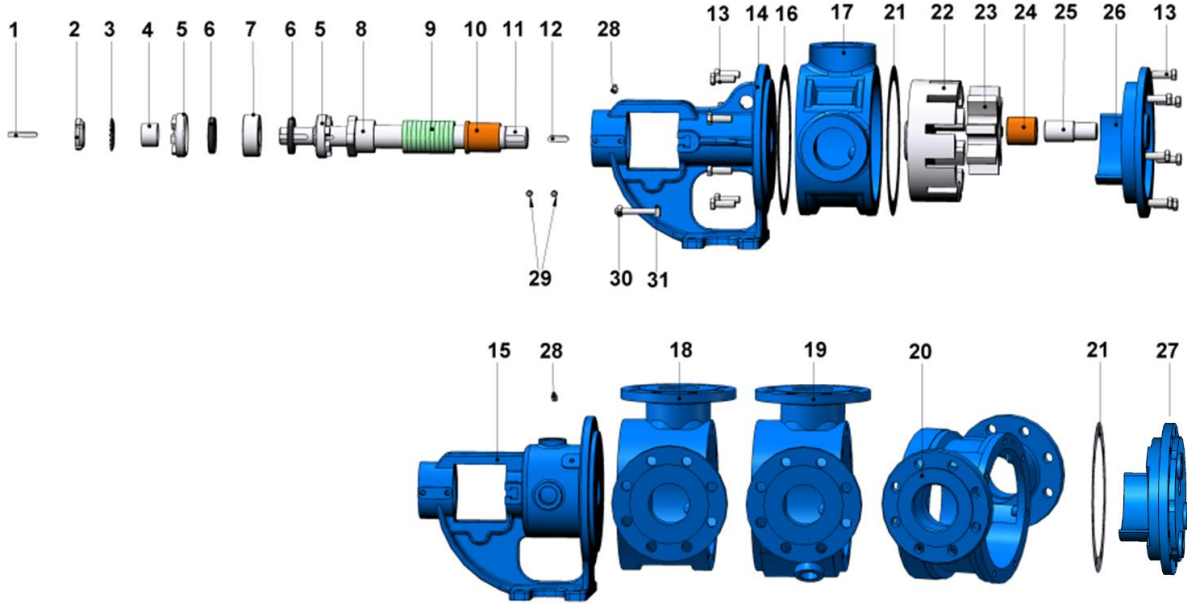


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

YUMUŞAK SALMASTRALI, CEKETLİ VE KÖR KAPAKLI / SEALED WITH SOFT SEAL, JACKETED,  
AND WITH BLIND COVER



| No | PARÇA İSMİ                                | PART NAME                                   | ADET/<br>QTY. | No | PARÇA İSMİ                             | PART NAME                                       | ADET/<br>QTY. |
|----|-------------------------------------------|---------------------------------------------|---------------|----|----------------------------------------|-------------------------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                            | COULPING KEY 8x7x50 AB                      | 1             | 17 | ARA GÖVDE (BORU DIŞLI 90°)             | CASING (w/ 90° THREADED PORTS)                  | 1             |
| 2  | KİLİT SOMUNU                              | LOCK NUT                                    | 1             | 18 | ARA GÖVDE (FLANŞLI 90°)                | CASING (w/ 90° FLANGED PORTS)                   | 1             |
| 3  | KİLİT SACI                                | LOCK WASHER                                 | 1             | 19 | ARA GÖVDE (FLANŞLI CEKETLİ 90°)        | CASING (90° FLANGED PORTS & w/ HEATING JACKETS) | 1             |
| 4  | BİLEZİK                                   | SPACER                                      | 1             | 20 | ARA GÖVDE ( FLANŞLI 180°)              | CASING (w/ 180° FLANGED PORTS)                  | 1             |
| 5  | AYAR SOMUNU                               | ADJUSTING NUT                               | 2             | 21 | KAPAK CONTASI                          | COVER GASKET                                    | 2             |
| 6  | KEÇE Ø40xØ62x10                           | LIP SEAL Ø40xØ62x10                         | 2             | 22 | ÇEVRE DIŞLI                            | ROTOR GEAR                                      | 1             |
| 7  | RULMAN (3207)                             | BALL BEARING (3207)                         | 1             | 23 | AVARA DIŞLI                            | IDLER GEAR                                      | 1             |
| 8  | SALMASTRA BASKISI                         | PACKING PRESS                               | 1             | 24 | AVARA DIŞLI BURCU                      | IDLER BUSHING                                   | 1             |
| 9  | YUMUŞAK SALMASTRA                         | SOFT SEAL / PACKING GLAND                   | 1 TK.         | 25 | KAPAK MİLİ                             | COVER PIN                                       | 1             |
| 10 | KONSOL BURCU                              | BRACKET BUSHING                             | 1             | 26 | KAPAK (KÖR)                            | BLIND COVER                                     | 1             |
| 11 | MİL                                       | SHAFT                                       | 1             | 27 | KAPAK (CEKETLİ)                        | COVER (w/ HEATING JACKET)                       | 1             |
| 12 | KAMA 10x8x35 A                            | ROTOR KEY 10x8x35 A                         | 1             | 28 | GRESÖR R3/8"                           | GREASING FITTING R3/8"                          | 1             |
| 13 | 6 KÖŞE CİVATA M12x35                      | HEX BOLT M12x35                             | 15            | 29 | SETUSKUR M10x16                        | GRUB SCREWS M10x16                              | 4             |
|    | 6 KÖŞE CİVATA M12x40 (CEKETLİ KAPAK İÇİN) | HEX BOLT M12x40 FOR COVER w/ HEATING JACKET | 7             |    |                                        |                                                 |               |
| 14 | KONSOL                                    | BRACKET                                     | 1             | 30 | M10 SOMUN                              | NUT M10                                         | 2             |
| 15 | KONSOL (CEKETLİ)                          | BRACKET (w/ HEATING JACKET)                 | 1             | 31 | 4 KÖŞE SALMASTRA BASKI CİVATASI M10x70 | SQUARE SCREW M10x70                             | 2             |
| 16 | KONSOL CONTASI                            | BRACKET GASKET                              | 1             |    |                                        |                                                 |               |

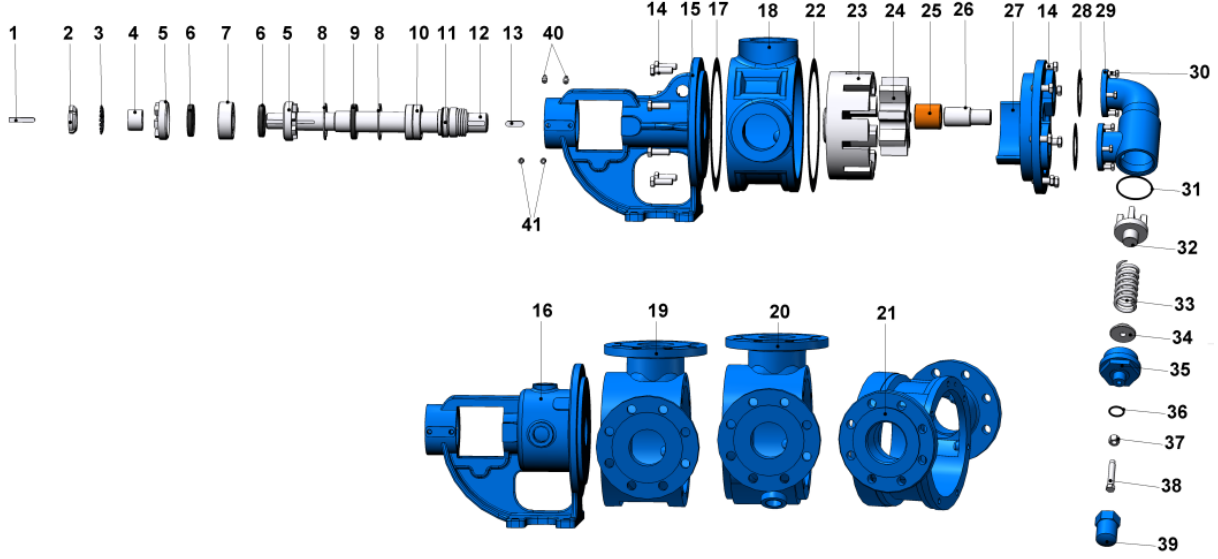


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

MEKANİK SALMASTRALI VE BYPASSLI / SEALED WITH MECHANICAL SEAL, AND PRESSURE  
RELIEF VALVE ON COVER



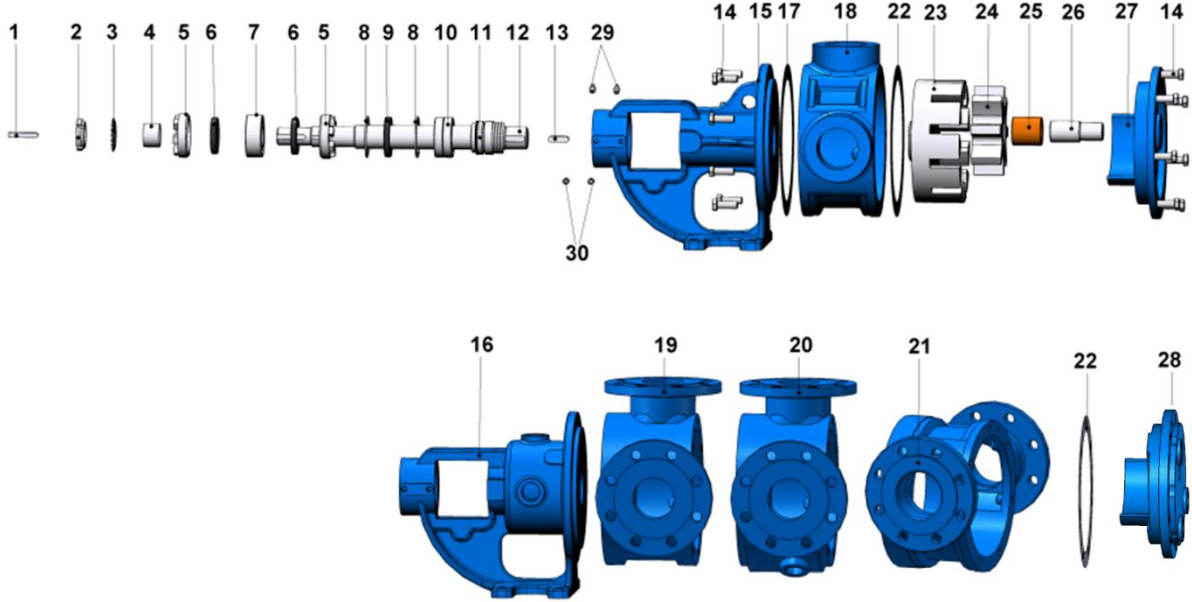
| No | PARÇA İSMİ                      | PART NAME                                       | ADET/<br>QTY. | No | PARÇA İSMİ           | PART NAME                      | ADET/<br>QTY. |
|----|---------------------------------|-------------------------------------------------|---------------|----|----------------------|--------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                  | COUPLING KEY 8x7x50 AB                          | 1             | 22 | KAPAK CONTASI        | COVER GASKET                   | 1             |
| 2  | KİLİT SOMUNU                    | LOCK NUT                                        | 1             | 23 | ÇEVRE DİŞLİ          | ROTOR GEAR                     | 1             |
| 3  | KİLİT SACI                      | LOCK WASHER                                     | 1             | 24 | AVARA DİŞLİ          | IDLER GEAR                     | 1             |
| 4  | BİLEZİK                         | SPACER                                          | 1             | 25 | AVARA DİŞLİ BURCU    | IDLER BUSHING                  | 1             |
| 5  | AYAR SOMUNU                     | ADJUSTING NUT                                   | 2             | 26 | KAPAK MİLİ           | COVER PIN                      | 1             |
| 6  | KEÇE 40x40x62x10                | LIP SEAL 40x40x62x10                            | 2             | 27 | KAPAK (BYPASSLI)     | COVER (w/ BYPASS INLETS)       | 1             |
| 7  | RULMAN (3207)                   | BALL BEARING (3207)                             | 1             | 28 | BYPASS CONTASI       | BYPASS GASKET                  | 2             |
| 8  | İÇ SEGMAN (40x68)               | INTERNAL CIRCLIP (40x68)                        | 2             | 29 | BYPASS               | PRESSURE RELIEF VALVE - BYPASS | 1             |
| 9  | KEÇE 40x40x68x10                | LIP SEAL 40x40x68x10                            | 1             | 30 | 6 KÖŞE CİVATA M8x25  | HEX BOLT M8x25                 | 8             |
| 10 | RULMAN (6008)                   | BALL BEARING (6008)                             | 2             | 31 | BYPASS O-RING        | BYPASS O-RING                  | 1             |
| 11 | MEKANİK SALMASTRA 40            | MECHANICAL SEAL 40                              | 1             | 32 | KLEPE                | VALVE                          | 1             |
| 12 | MİL                             | SHAFT                                           | 1             | 33 | YAY                  | SPRING                         | 1             |
| 13 | KAMA 10x8x35 A                  | ROTOR KEY 10x8x35 A                             | 1             | 34 | PUL                  | WASHER                         | 1             |
| 14 | 6 KÖŞE CİVATA M12x35            | HEX BOLT M12x35                                 | 15            | 35 | BYPASS KAPAĞI        | BYPASS COVER                   | 1             |
| 15 | KONSOL                          | BRACKET                                         | 1             | 36 | TİJ KAPAK O-RİNG     | CAP O-RING                     | 1             |
| 16 | KONSOL (CEKETLİ)                | BRACKET (w/ HEATING JACKET)                     | 1             | 37 | M12 SOMUN            | NUT M12                        | 1             |
| 17 | KONSOL CONTASI                  | BRACKET GASKET                                  | 1             | 38 | 6 KÖŞE CİVATA M12x80 | ADJUSTING SCREW M12x80         | 1             |
| 18 | ARA GÖVDE (BORU DİŞLİ 90°)      | CASING (w/ 90° THREADED PORTS)                  | 1             | 39 | TİJ KAPAĞI           | CAP                            | 1             |
| 19 | ARA GÖVDE (FLANŞLI 90°)         | CASING (w/ 90° FLANGED PORTS)                   | 1             | 40 | GRESÖR R3/8"         | GREASING FITTING R3/8"         | 2             |
| 20 | ARA GÖVDE (FLANŞLI CEKETLİ 90°) | CASING (90° FLANGED PORTS & w/ HEATING JACKETS) | 1             | 41 | SETUSKUR M10x16      | GRUB SCREWS M10x16             | 4             |
| 21 | ARA GÖVDE (FLANŞLI 180°)        | CASING (w/ 180° FLANGED PORTS)                  | 1             |    |                      |                                |               |



## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST MEKANİK SALMASTRALI, CEKETLİ VE KÖR KAPAKLI / SEALED WITH MECHANICAL SEAL, JACKETED, AND WITH BLIND COVER



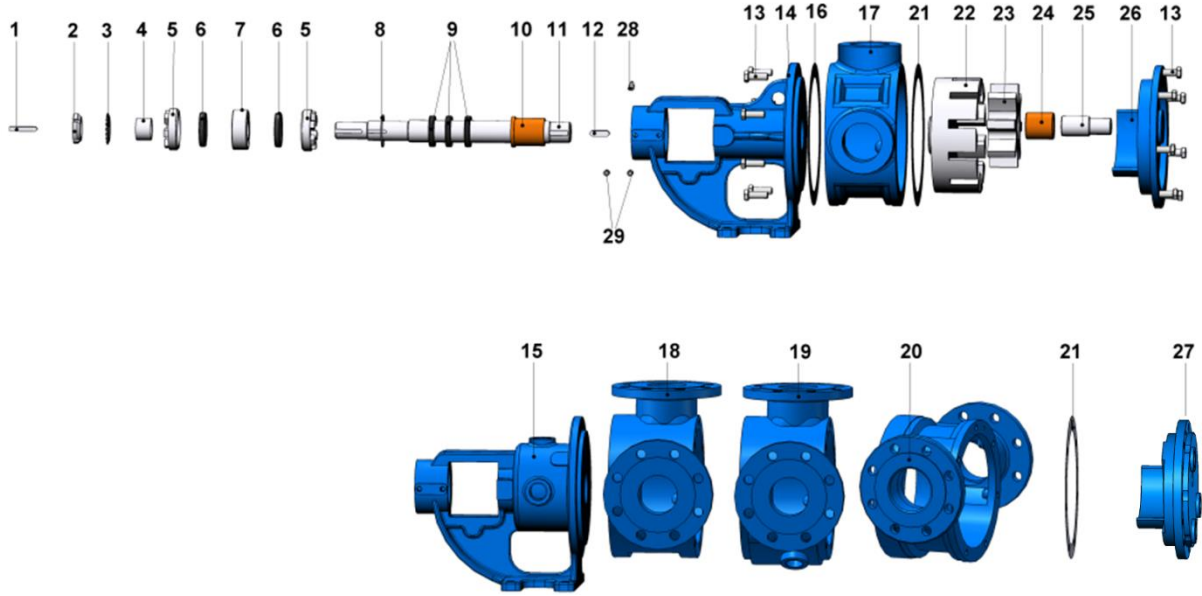
| No | PARÇA İSMİ                                | PART NAME                                   | ADET/<br>QTY. | No | PARÇA İSMİ                      | PART NAME                                       | ADET/<br>QTY. |
|----|-------------------------------------------|---------------------------------------------|---------------|----|---------------------------------|-------------------------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                            | COUPLING KEY 8x7x50 AB                      | 1             | 16 | KONSOL (CEKETLİ)                | BRACKET (w/ HEATING JACKET)                     | 1             |
| 2  | KİLİT SOMUNU                              | LOCK NUT                                    | 1             | 17 | KONSOL CONTASI                  | BRACKET GASKET                                  | 1             |
| 3  | KİLİT SACI                                | LOCK WASHER                                 | 1             | 18 | ARA GÖVDE (BORU DIŞLI 90°)      | CASING (w/ 90° THREADED PORTS)                  | 1             |
| 4  | BİLEZİK                                   | SPACER                                      | 1             | 19 | ARA GÖVDE (FLANŞLI 90°)         | CASING (w/ 90° FLANGED PORTS)                   | 1             |
| 5  | AYAR SOMUNU                               | ADJUSTING NUT                               | 2             | 20 | ARA GÖVDE (FLANŞLI CEKETLİ 90°) | CASING (90° FLANGED PORTS & w/ HEATING JACKETS) | 1             |
| 6  | KEÇE Ø40xØ62x10                           | LIP SEAL Ø40xØ62x10                         | 2             | 21 | ARA GÖVDE ( FLANŞLI 180°)       | CASING (w/ 180° FLANGED PORTS)                  | 1             |
| 7  | RULMAN (3207)                             | BALL BEARING (3207)                         | 1             | 22 | KAPAK CONTASI                   | COVER GASKET                                    | 2             |
| 8  | İÇ SEGMAN (Ø68)                           | INTERNAL CIRCLIP (Ø68)                      | 2             | 23 | ÇEVRE DIŞLI                     | ROTOR GEAR                                      | 1             |
| 9  | KEÇE Ø40xØ68x10                           | LIP SEAL Ø40xØ68x10                         | 1             | 24 | AVARA DIŞLI                     | IDLER GEAR                                      | 1             |
| 10 | RULMAN (6008)                             | BALL BEARING (6008)                         | 2             | 25 | AVARA DIŞLI BURCU               | IDLER BUSHING                                   | 1             |
| 11 | MEKANİK SALMASTRA Ø40                     | MECHANICAL SEAL Ø40                         | 1             | 26 | KAPAK MİLİ                      | COVER PIN                                       | 1             |
| 12 | MİL                                       | SHAFT                                       | 1             | 27 | KAPAK (KÖR)                     | BLIND COVER                                     | 1             |
| 13 | KAMA 10x8x35 A                            | ROTOR KEY 10x8x35 A                         | 1             | 28 | KAPAK (CEKETLİ)                 | COVER (w/ HEATING JACKET)                       | 1             |
| 14 | 6 KÖŞE CİVATA M12x35                      | HEX BOLT M12x35                             | 15            | 29 | GRESÖR R3/8"                    | GREASING FITTING R3/8"                          | 2             |
|    | 6 KÖŞE CİVATA M12x40 (CEKETLİ KAPAK İÇİN) | HEX BOLT M12x40 FOR COVER w/ HEATING JACKET | 7             |    |                                 |                                                 |               |
| 15 | KONSOL                                    | BRACKET                                     | 1             | 30 | SETUSKUR M10x16                 | GRUB SCREWS M10x16                              | 4             |



## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST KEÇELİ, CEKETLİ VE KÖR KAPAKLI / SEALED WITH LIP SEAL, JACKETED AND WITH BLIND COVER



| No | PARÇA İSMİ                                | PART NAME                                   | ADET/<br>QTY. | No | PARÇA İSMİ                      | PART NAME                                       | ADET/<br>QTY. |
|----|-------------------------------------------|---------------------------------------------|---------------|----|---------------------------------|-------------------------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                            | COULPING KEY 8x7x50 AB                      | 1             | 16 | KONSOL CONTASI                  | BRACKET GASKET                                  | 1             |
| 2  | KİLİT SOMUNU                              | LOCK NUT                                    | 1             | 17 | ARA GÖVDE (BORU DİŞLİ 90°)      | CASING (w/ 90° THREADED PORTS)                  | 1             |
| 3  | KİLİT SACI                                | LOCK WASHER                                 | 1             | 18 | ARA GÖVDE (FLANŞLI 90°)         | CASING (w/ 90° FLANGED PORTS)                   | 1             |
| 4  | BİLEZİK                                   | SPACER                                      | 1             | 19 | ARA GÖVDE (FLANŞLI CEKETLİ 90°) | CASING (90° FLANGED PORTS & w/ HEATING JACKETS) | 1             |
| 5  | AYAR SOMUNU                               | ADJUSTING NUT                               | 2             | 20 | ARA GÖVDE ( FLANŞLI 180°)       | CASING (w/ 180° FLANGED PORTS)                  | 1             |
| 6  | KEÇE Ø40xØ62x10                           | LIP SEAL Ø40xØ62x10                         | 2             | 21 | KAPAK CONTASI                   | COVER GASKET                                    | 2             |
| 7  | RULMAN (3207)                             | BALL BEARING (3207)                         | 1             | 22 | ÇEVRE DİŞLİ                     | ROTOR GEAR                                      | 1             |
| 8  | İÇ SEGMAN (Ø56)                           | INTERNAL CIRCLIP (Ø56)                      | 1             | 23 | AVARA DİŞLİ                     | IDLER GEAR                                      | 1             |
| 9  | KEÇE Ø40xØ56x10                           | LIP SEAL Ø40xØ56x10                         | 3             | 24 | AVARA DİŞLİ BURCU               | IDLER BUSHING                                   | 1             |
| 10 | KONSOL BURCU                              | BRACKET BUSHING                             | 1             | 25 | KAPAK MİLİ                      | COVER PIN                                       | 1             |
| 11 | MİL                                       | SHAFT                                       | 1             | 26 | KAPAK (KÖR)                     | BLIND COVER                                     | 1             |
| 12 | KAMA 10x8x35 A                            | ROTOR KEY 10x8x35 A                         | 1             | 27 | KAPAK (CEKETLİ)                 | COVER (w/ HEATING JACKET)                       | 1             |
| 13 | 6 KÖŞE CİVATA M12x35                      | HEX BOLT M12x35                             | 15            | 28 | GRESÖR R3/8"                    | GREASING FITTING R3/8"                          | 1             |
|    | 6 KÖŞE CİVATA M12x40 (CEKETLİ KAPAK İÇİN) | HEX BOLT M12x40 FOR COVER w/ HEATING JACKET | 7             |    |                                 |                                                 |               |
| 14 | KONSOL                                    | BRACKET                                     | 1             | 29 | SETUSKUR M10x16                 | GRUB SCREWS M10x16                              | 4             |
| 15 | KONSOL (CEKETLİ)                          | BRACKET (w/ HEATING JACKET)                 | 1             |    |                                 |                                                 |               |



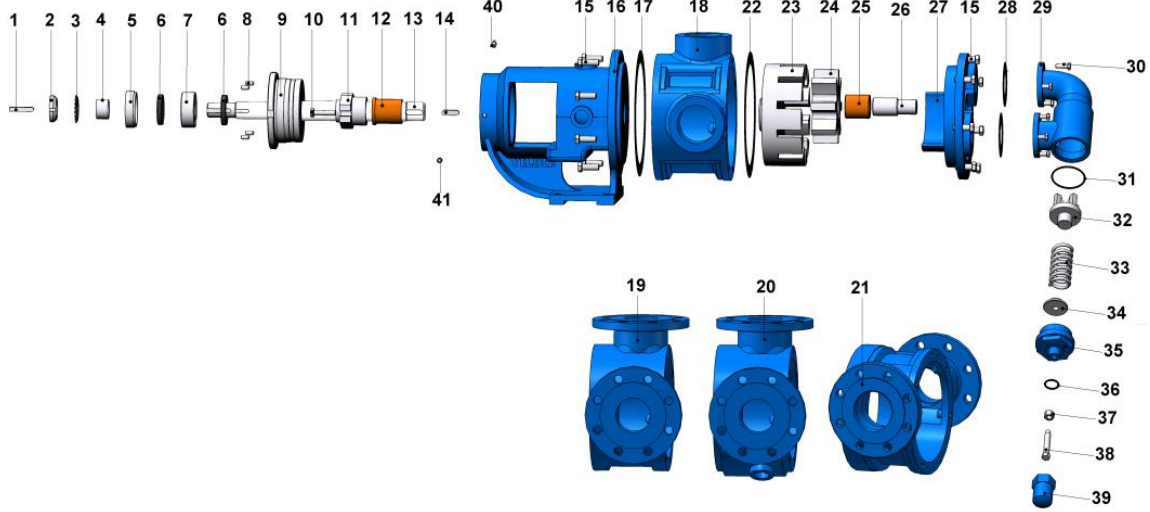


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

KARTEXLİ VE BYPASSLI / SEALED WITH CARTEX MECHANICAL SEAL, AND PRESSURE RELIEF VALVE ON COVER



| No | PARÇA İSMİ                         | PART NAME                                             | ADET/<br>QTY. | No | PARÇA İSMİ              | PART NAME                         | ADET/<br>QTY. |
|----|------------------------------------|-------------------------------------------------------|---------------|----|-------------------------|-----------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                     | COULPING KEY 8x7x50 AB                                | 1             | 22 | KAPAK CONTASI           | COVER GASKET                      | 1             |
| 2  | KİLİT SOMUNU                       | LOCK NUT                                              | 1             | 23 | ÇEVRE DİŞLİ             | ROTOR GEAR                        | 1             |
| 3  | KİLİT SACI                         | LOCK WASHER                                           | 1             | 24 | AVARA DİŞLİ             | IDLER GEAR                        | 1             |
| 4  | BİLEZİK                            | SPACER                                                | 1             | 25 | AVARA DİŞLİ BURCU       | IDLER BUSHING                     | 1             |
| 5  | TAMBUR KAPAKÇI                     | PULLEY COVER                                          | 1             | 26 | KAPAK MİLİ              | COVER PIN                         | 1             |
| 6  | KEÇE Ø40xØ62x10                    | LIP SEAL Ø40xØ62x10                                   | 2             | 27 | KAPAK (BYPASSLI)        | COVER (w/<br>BYPASS INLETS)       | 1             |
| 7  | RULMAN (3207)                      | BALL BEARING (3207)                                   | 1             | 28 | BYPASS CONTA            | BYPASS GASKET                     | 2             |
| 8  | SETUSKUR M8x16                     | STAY BOLT M8x16                                       | 4             | 29 | BYPASS                  | PRESSURE RELIEF<br>VALVE - BYPASS | 1             |
| 9  | TAMBUR                             | PULLEY                                                | 1             | 30 | 6 KÖŞE CİVATA<br>M8x25  | ADJUSTING<br>SCREW M8x25          | 8             |
| 10 | 6 KÖŞE CİVATA M10x45               | HEX SOCKET M10x45                                     | 2             | 31 | BYPASS O-RING           | BYPASS O-RING                     | 1             |
| 11 | KARTEX MEKANİK<br>SALMASTRA Ø40    | CARTEX MECHANICAL<br>SEAL Ø40                         | 1             | 32 | KLEPE                   | VALVE                             | 1             |
| 12 | KONSOL BURCU                       | BRACKET BUSHING                                       | 1             | 33 | YAY                     | SPRING                            | 1             |
| 13 | MİL                                | SHAFT                                                 | 1             | 34 | PUL                     | WASHER                            | 1             |
| 14 | KAMA 10x8x35 A                     | ROTOR KEY 10x8x35 A                                   | 1             | 35 | BYPASS KAPAĞI           | BYPASS COVER                      | 1             |
| 15 | 6 KÖŞE CİVATA M12x35               | HEX SOCKET M12x35                                     | 15            | 36 | TIJ KAPAK O-RİNG        | CAP O-RING                        | 1             |
| 16 | KONSOL (CARTEX CEKETLİ)            | BRACKET                                               | 1             | 37 | M12 SOMUN               | NUT M12                           | 1             |
| 17 | KONSOL CONTASI                     | BRACKET GASKET                                        | 1             | 38 | 6 KÖŞE CİVATA<br>M12x80 | ADJUSTING<br>SCREW M12x80         | 1             |
| 18 | ARA GÖVDE (BORU DİŞLİ<br>90°)      | CASING (w/ 90° THREADED<br>PORTS)                     | 1             | 39 | TIJ KAPAĞI              | CAP                               | 1             |
| 19 | ARA GÖVDE (FLANŞLI 90°)            | CASING (w/ 90° FLANGED<br>PORTS)                      | 1             | 40 | GRESÖR R3/8"            | GREASING<br>FITTING R3/8"         | 1             |
| 20 | ARA GÖVDE (FLANŞLI<br>CEKETLİ 90°) | CASING (90° FLANGED<br>PORTS & w/ HEATING<br>JACKETS) | 1             | 41 | SETUSKUR M10x16         | GRUB SCREWS<br>M10x16             | 2             |
| 21 | ARA GÖVDE ( FLANŞLI 180°)          | CASING (w/ 180° FLANGED<br>PORTS)                     | 1             |    |                         |                                   |               |

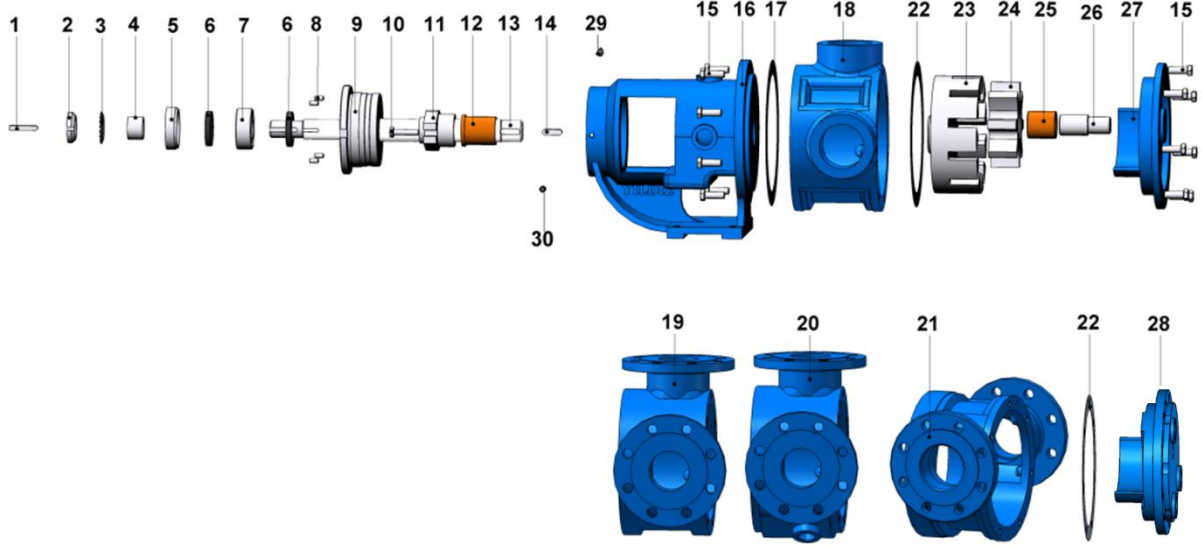


## YKF 3" POMPA INTERNAL ECCENTRIC GEAR PUMP



### YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

KARTEXLİ VE CEKETLİ KÖR KAPAKLI / SEALED WITH CARTEX MECHANICAL SEAL, JACKETED  
AND WITH BLIND COVER



| No | PARÇA İSMİ                                | PART NAME                                   | ADET/<br>QTY. | No | PARÇA İSMİ                      | PART NAME                                         | ADET/<br>QTY. |
|----|-------------------------------------------|---------------------------------------------|---------------|----|---------------------------------|---------------------------------------------------|---------------|
| 1  | KAMA 8x7x50 AB                            | COULPING KEY 8x7x50 AB                      | 1             | 16 | KONSOL (CARTEX CEKETLİ)         | BRACKET (WITH CARTEX, JACKET AND MECHANICAL SEAL) | 1             |
| 2  | KİLİT SOMUNU                              | LOCK NUT                                    | 1             | 17 | KONSOL CONTASI                  | BRACKET GASKET                                    | 1             |
| 3  | KİLİT SACI                                | LOCK WASHER                                 | 1             | 18 | ARA GÖVDE (BORU DIŞLI 90°)      | CASING (w/ 90° THREADED PORTS)                    | 1             |
| 4  | BİLEZİK                                   | SPACER                                      | 1             | 19 | ARA GÖVDE (FLANŞLI 90°)         | CASING (w/ 90° FLANGED PORTS)                     | 1             |
| 5  | TAMBUR KAPAKĞI                            | PULLEY COVER                                | 1             | 20 | ARA GÖVDE (FLANŞLI CEKETLİ 90°) | CASING (90° FLANGED PORTS & w/ HEATING JACKETS)   | 1             |
| 6  | KEÇE Ø40xØ62x10                           | LIP SEAL Ø40xØ62x10                         | 2             | 21 | ARA GÖVDE ( FLANŞLI 180°)       | CASING (w/ 180° FLANGED PORTS)                    | 1             |
| 7  | RULMAN (3207)                             | BALL BEARING (3207)                         | 1             | 22 | KAPAK CONTASI                   | COVER GASKET                                      | 2             |
| 8  | SETUSKUR M8x16                            | STAY BOLT M8x16                             | 4             | 23 | ÇEVRE DIŞLI                     | ROTOR GEAR                                        | 1             |
| 9  | TAMBUR                                    | PULLEY                                      | 1             | 24 | AVARA DIŞLI                     | IDLER GEAR                                        | 1             |
| 10 | 6 KÖŞE CİVATA M10x45                      | HEX SOCKET M10x45                           | 2             | 25 | AVARA DIŞLI BURCU               | IDLER BUSHING                                     | 1             |
| 11 | KARTEX MEKANİK SALMASTRA Ø40              | CARTEX MECHANICAL SEAL Ø40                  | 1             | 26 | KAPAK MİLİ                      | COVER PIN                                         | 1             |
| 12 | KONSOL BURCU                              | BRACKET BUSHING                             | 1             | 27 | KAPAK (KÖR)                     | BLIND COVER                                       | 1             |
| 13 | MİL                                       | SHAFT                                       | 1             | 28 | KAPAK (CEKETLİ)                 | COVER (w/ HEATING JACKET)                         | 1             |
| 14 | KAMA 10x8x35 A                            | ROTOR KEY 10x8x35 A                         | 1             | 29 | GRESÖR R3/8"                    | GREASING FITTING R3/8"                            | 1             |
| 15 | 6 KÖŞE CİVATA M12x35                      | HEX BOLT M12x35                             | 15            | 30 | SETUSKUR M10x16                 | GRUB SCREWS M10x16                                | 2             |
|    | 6 KÖŞE CİVATA M12x40 (CEKETLİ KAPAK İÇİN) | HEX BOLT M12x40 FOR COVER w/ HEATING JACKET | 7             |    |                                 |                                                   |               |