



TECHNICAL DATA

Performance range: flow up to 75 m³/h and max head of 670 m

Max. quantity of sand/silt: 50g/m³

Max. ambient temperature: 30°C (50°C available on request)

Outlet connection diameter (inside threaded): SS6 A – SS6 B : 2 ½"
SS6 C : 3"
SS6 D – SS6 E : 4"

Nr of starts: refer to the motor specification

Motor Cooling flow: refer to the motor specification

Installation: horizontal or vertical, refer to the motor specification

APPLICATIONS

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.

These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.

These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.

Special version of motors with PE2+PA windings can be used on request for high-temperature water applications up to maximum 50°C.

Pumps can be installed both vertically and horizontally simply by removing the non-return valve and adding a cooling sleeve to the suction case (the only remark is to check the motor applicability to horizontal operations, refer to the motor specifications section).

CONSTRUCTION FEATURES OF PUMP

Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.

The impellers are balanced and locked to the shaft with a specially shaped collet and nut coupling, in order to guarantee ease-to-assembly feature and avoid vibration sensitive malfunctions and noise increase during rotation.

Rubber bearings that drive the shaft are water lubricated and have sand channels to make enable the sand particles leave the pump with the pumped liquid (maximum permissible sand content 50 gr/m³).

Built-in non returned valve provided in order to minimize local friction losses.

Stainless steel strainer provided in order to prevent particles over a certain size from entering the pump.

Coupling with 6", 8" or 10" motor depending on the power requested by hydraulic part:

- 6GF: 6" canned submersible motor
- TR6: 6" rewindable submersible motor
- TR8: 8" rewindable submersible motor
- TR10: 10" rewindable submersible motor

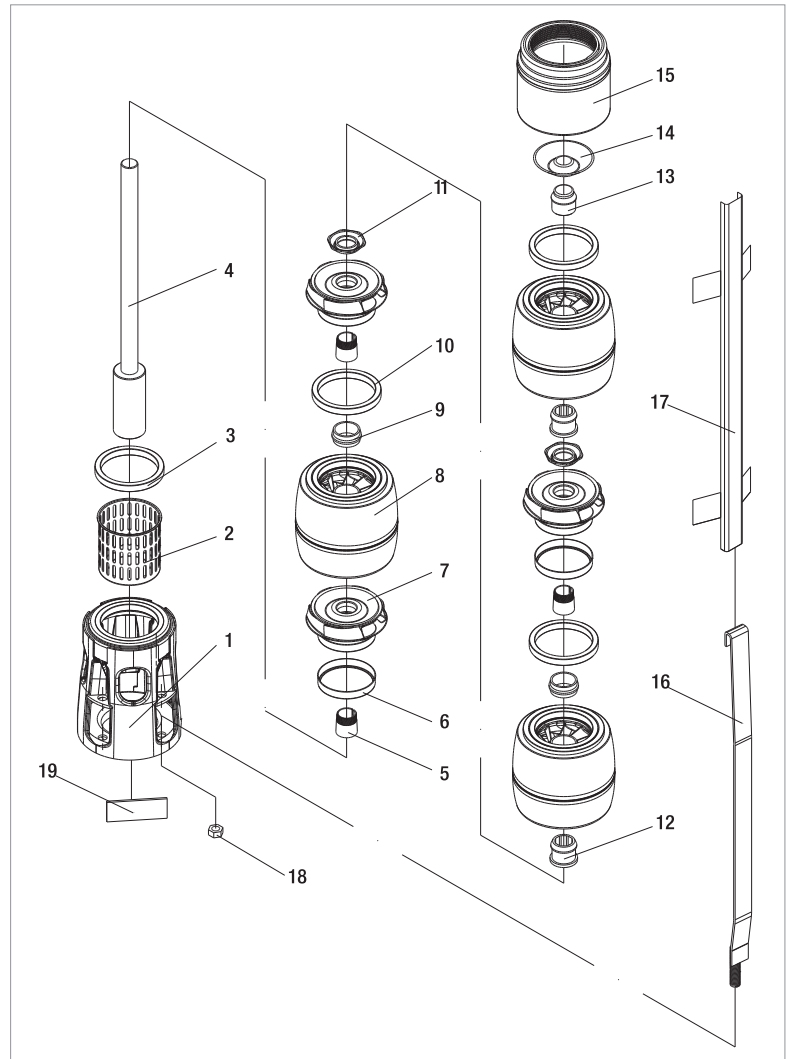
For inverter application refer to the detailed motor specification.

ON REQUEST:

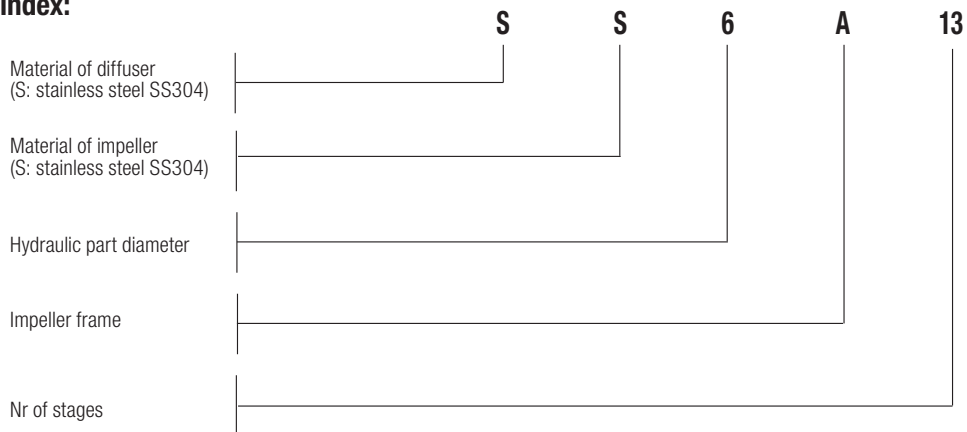
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

MATERIALS

| N° | PART NAME | MATERIAL |
|----|------------------------|-----------------------------|
| 1 | Suction Case | Stainless Steel (AISI 304L) |
| 2 | Filter | Stainless Steel (AISI 304L) |
| 3 | Suction Case Wear Ring | Bronze (ASTM B145-4A) |
| 4 | Pump Shaft | Stainless Steel (AISI 420) |
| 5 | Collet | Stainless Steel |
| 6 | Impeller Wear Ring | STAINLESS STEEL (AISI 304) |
| 7 | Impeller | Stainless Steel (AISI 304L) |
| 8 | Diffuser | Stainless Steel (AISI 304L) |
| 9 | Rubber Bearing | Rubber |
| 10 | Diffuser Wear Ring | Rubber |
| 11 | Nut for Stop Ring | Stainless Steel (AISI 304L) |
| 12 | Bearing | Rubber |
| 13 | Shaft Stopper | Bronze (ASTM B145-4A) |
| 14 | Valve | Stainless Steel (AISI 304) |
| 15 | Discharge Case | Stainless Steel (AISI 304) |
| 16 | TIE ROD | STAINLESS STEEL (AISI 304L) |
| 17 | CABLE GUARD | STAINLESS STEEL (AISI 304) |
| 18 | TIR ROD NUT | STAINLESS STEEL (AISI 303) |
| 19 | NAME PLATE | STAINLESS STEEL (AISI 304) |



- Denomination index:
(EXAMPLE)



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|------|--------------------|-----|------|------|-----|-------|-------|-----|-------|-------|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 17 | |
| | kW | HP | Q=l/min | 0 | 33,3 | 66,6 | 100 | 133,3 | 166,6 | 200 | 233,3 | 266,6 | 283,3 | |
| SS6A 08 | 4 | 5,5 | H (mt) | 75 | 75 | 74 | 73 | 70 | 65 | 59 | 51 | 41 | 36 | 6" |
| SS6A 09 | 4 | 5,5 | | 84 | 84 | 84 | 82 | 78 | 73 | 66 | 57 | 46 | 40 | 6" |
| SS6A 10 | 4 | 5,5 | | 93 | 94 | 93 | 91 | 87 | 81 | 73 | 63 | 51 | 44 | 6" |
| SS6A 11 | 4 | 5,5 | | 103 | 103 | 102 | 100 | 96 | 89 | 81 | 70 | 56 | 49 | 6" |
| SS6A 12 | 5,5 | 7,5 | | 112 | 112 | 112 | 109 | 104 | 97 | 88 | 76 | 61 | 53 | 6" |
| SS6A 13 | 5,5 | 7,5 | | 121 | 122 | 121 | 118 | 113 | 105 | 95 | 82 | 67 | 58 | 6" |
| SS6A 14 | 5,5 | 7,5 | | 131 | 131 | 130 | 127 | 122 | 114 | 103 | 89 | 72 | 62 | 6" |
| SS6A 15 | 5,5 | 7,5 | | 140 | 140 | 139 | 136 | 130 | 122 | 110 | 95 | 77 | 67 | 6" |
| SS6A 16 | 7,5 | 10 | | 149 | 150 | 149 | 145 | 139 | 130 | 117 | 101 | 82 | 71 | 6" |
| SS6A 17 | 7,5 | 10 | | 159 | 159 | 158 | 154 | 148 | 138 | 124 | 108 | 87 | 76 | 6" |
| SS6A 18 | 7,5 | 10 | | 168 | 169 | 167 | 163 | 156 | 146 | 132 | 114 | 92 | 80 | 6" |
| SS6A 19 | 7,5 | 10 | | 177 | 178 | 177 | 172 | 165 | 154 | 139 | 120 | 97 | 84 | 6" |
| SS6A 20 | 7,5 | 10 | | 187 | 187 | 186 | 182 | 174 | 162 | 146 | 127 | 102 | 89 | 6" |
| SS6A 21 | 7,5 | 10 | | 196 | 197 | 195 | 191 | 182 | 170 | 154 | 133 | 108 | 93 | 6" |
| SS6A 22 | 9,2 | 12,5 | | 205 | 206 | 204 | 200 | 191 | 178 | 161 | 139 | 113 | 98 | 6" |
| SS6A 23 | 9,2 | 12,5 | | 215 | 215 | 214 | 209 | 200 | 186 | 168 | 146 | 118 | 102 | 6" |
| SS6A 24 | 9,2 | 12,5 | | 224 | 225 | 223 | 218 | 209 | 195 | 176 | 152 | 123 | 107 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | OPERATING BY INVERTER | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6A 08 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1353 | 600 | 753 | 141 | 132 | 54,4 |
| SS6A 09 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1414 | 600 | 814 | 141 | 132 | 56,4 |
| SS6A 10 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1474 | 600 | 874 | 141 | 132 | 57,4 |
| SS6A 11 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1535 | 600 | 935 | 141 | 132 | 59,4 |
| SS6A 12 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1626 | 631 | 995 | 141 | 132 | 63,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1802 | 807 | 995 | 144 | 132 | 71 |
| SS6A 13 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1687 | 631 | 1056 | 141 | 132 | 65,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1863 | 807 | 1056 | 144 | 132 | 73 |
| SS6A 14 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1747 | 631 | 1116 | 141 | 132 | 66,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1923 | 807 | 1116 | 144 | 132 | 74 |
| SS6A 15 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1808 | 631 | 1177 | 141 | 132 | 68,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1984 | 807 | 1177 | 144 | 132 | 76 |
| SS6A 16 | 6GF | 7,5 | 10 | 18 | ● | ● | 1897 | 660 | 1237 | 141 | 132 | 72,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 2074 | 837 | 1237 | 144 | 132 | 80 |
| SS6A 17 | 6GF | 7,5 | 10 | 18 | ● | ● | 1958 | 660 | 1298 | 141 | 132 | 73,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 2135 | 837 | 1298 | 144 | 132 | 81 |
| SS6A 18 | 6GF | 7,5 | 10 | 18 | ● | ● | 2018 | 660 | 1358 | 141 | 132 | 75,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 2195 | 837 | 1358 | 144 | 132 | 83 |
| SS6A 19 | 6GF | 7,5 | 10 | 18 | ● | ● | 2079 | 660 | 1419 | 141 | 132 | 76,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 2256 | 837 | 1419 | 144 | 132 | 84 |
| SS6A 20 | 6GF | 7,5 | 10 | 18 | ● | ● | 2139 | 660 | 1479 | 141 | 132 | 78,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 2316 | 837 | 1479 | 144 | 132 | 86 |
| SS6A 21 | 6GF | 7,5 | 10 | 18 | ● | ● | 2200 | 660 | 1540 | 141 | 132 | 79,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 2377 | 837 | 1540 | 144 | 132 | 87 |
| SS6A 22 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 2285 | 685 | 1600 | 141 | 132 | 84,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2467 | 867 | 1600 | 144 | 132 | 91 |
| SS6A 23 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 2346 | 685 | 1661 | 141 | 132 | 85,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2528 | 867 | 1661 | 144 | 132 | 92 |
| SS6A 24 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 2406 | 685 | 1721 | 141 | 132 | 87,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2588 | 867 | 1721 | 144 | 132 | 94 |

* Motor 6GF: 6" canned submersible motors.

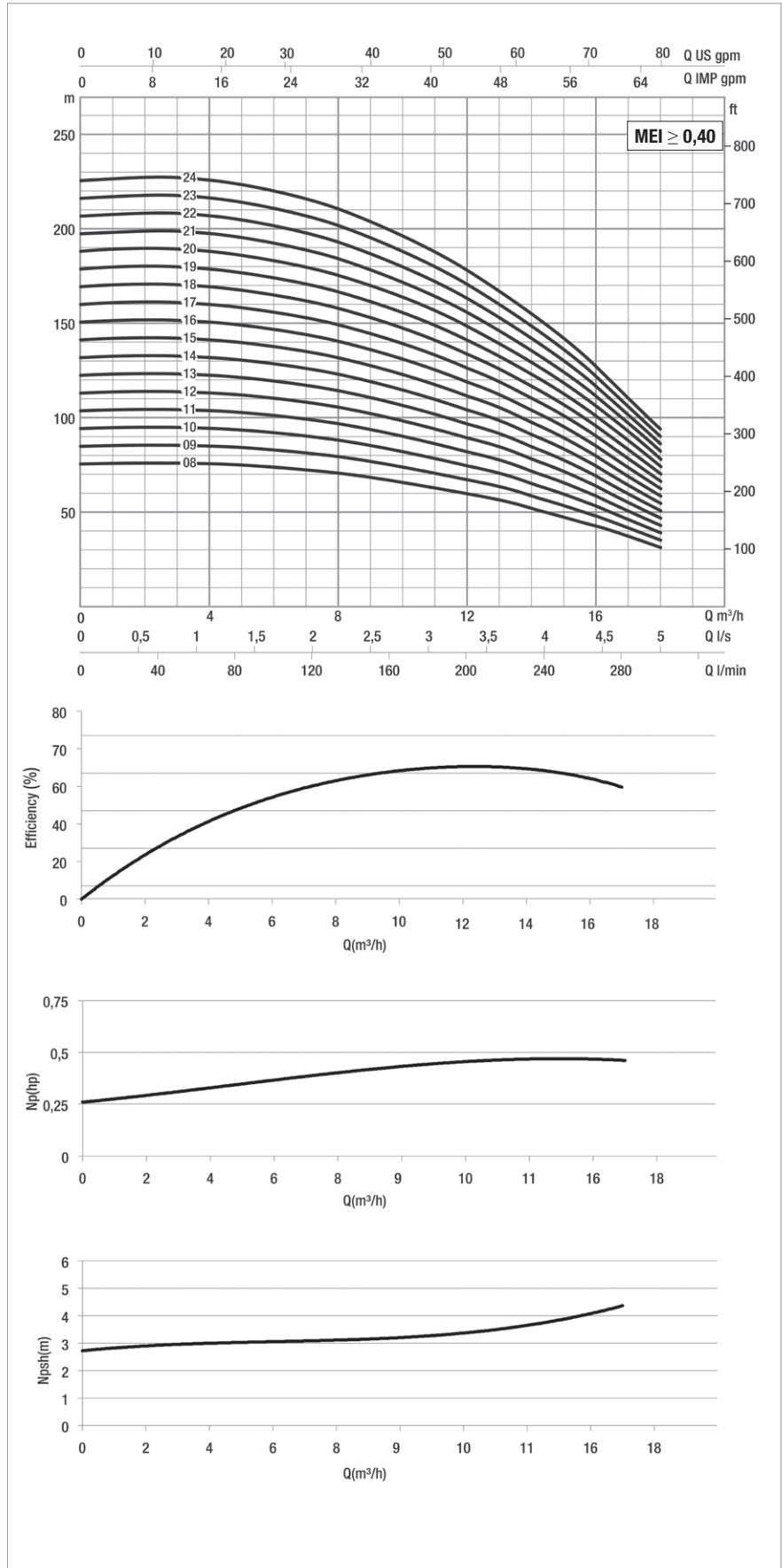
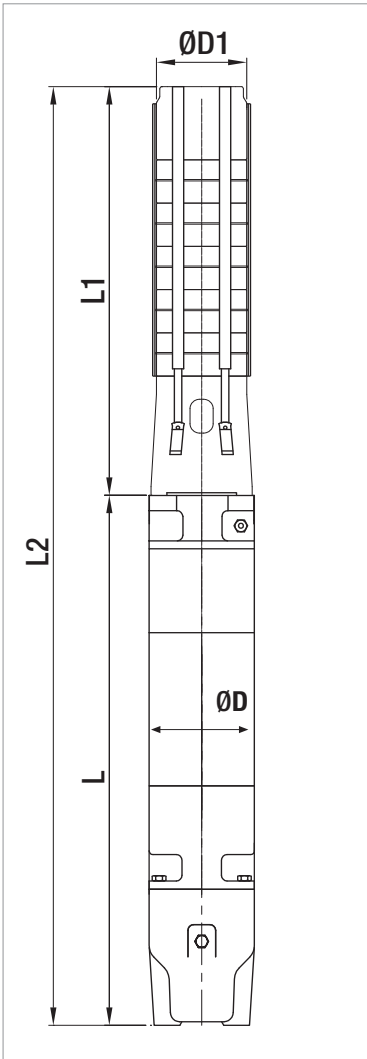
Motor TR6: 6" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6A

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|------|--------------------|-----|------|------|-----|-------|-------|-----|-------|-------|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 17 | |
| | kW | HP | Q=l/min | 0 | 33,3 | 66,6 | 100 | 133,3 | 166,6 | 200 | 233,3 | 266,6 | 283,3 | |
| SS6A 25 | 9,2 | 12,5 | H (m) | 233 | 234 | 232 | 227 | 217 | 203 | 183 | 158 | 128 | 111 | 6" |
| SS6A 26 | 9,2 | 12,5 | | 243 | 244 | 242 | 236 | 226 | 211 | 190 | 165 | 133 | 116 | 6" |
| SS6A 27 | 11 | 15 | | 252 | 253 | 251 | 245 | 235 | 219 | 198 | 171 | 138 | 120 | 6" |
| SS6A 28 | 11 | 15 | | 261 | 262 | 260 | 254 | 243 | 227 | 205 | 177 | 143 | 124 | 6" |
| SS6A 29 | 11 | 15 | | 270 | 272 | 270 | 263 | 252 | 235 | 212 | 184 | 149 | 129 | 6" |
| SS6A 30 | 11 | 15 | | 280 | 281 | 279 | 272 | 261 | 243 | 220 | 190 | 154 | 133 | 6" |
| SS6A 31 | 13 | 17,5 | | 289 | 290 | 288 | 281 | 269 | 251 | 227 | 196 | 159 | 138 | 6" |
| SS6A 32 | 13 | 17,5 | | 298 | 300 | 297 | 290 | 278 | 259 | 234 | 202 | 164 | 142 | 6" |
| SS6A 33 | 13 | 17,5 | | 308 | 309 | 307 | 300 | 287 | 268 | 242 | 209 | 169 | 147 | 6" |
| SS6A 34 | 13 | 17,5 | | 317 | 318 | 316 | 309 | 295 | 276 | 249 | 215 | 174 | 151 | 6" |
| SS6A 35 | 13 | 17,5 | | 326 | 328 | 325 | 318 | 304 | 284 | 256 | 221 | 179 | 156 | 6" |
| SS6A36 | 13 | 17,5 | | 336 | 337 | 335 | 327 | 313 | 292 | 264 | 228 | 184 | 160 | 6" |
| SS6A 37 | 13 | 17,5 | | 345 | 347 | 344 | 336 | 321 | 300 | 271 | 234 | 190 | 164 | 6" |
| SS6A 38 | 15 | 20 | | 354 | 356 | 353 | 345 | 330 | 308 | 278 | 240 | 195 | 169 | 6" |
| SS6A 39 | 15 | 20 | | 364 | 365 | 362 | 354 | 339 | 316 | 286 | 247 | 200 | 173 | 6" |
| SS6A 40 | 15 | 20 | | 373 | 375 | 372 | 363 | 348 | 324 | 293 | 253 | 205 | 178 | 6" |
| SS6A 41 | 15 | 20 | | 382 | 384 | 381 | 372 | 356 | 332 | 300 | 259 | 210 | 182 | 6" |
| SS6A 42 | 18,5 | 25 | | 392 | 393 | 390 | 381 | 365 | 341 | 308 | 266 | 215 | 187 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6A 25 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 2467 | 685 | 1782 | 141 | 132 | 88,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2649 | 867 | 1782 | 144 | 132 | 95 |
| SS6A 26 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 2527 | 685 | 1842 | 141 | 132 | 89,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2709 | 867 | 1842 | 144 | 132 | 96 |
| SS6A 27 | 6GF | 11 | 15 | 25,5 | ● | ● | 2633 | 730 | 1903 | 141 | 132 | 96 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2800 | 897 | 1903 | 144 | 132 | 103 |
| SS6A 28 | 6GF | 11 | 15 | 25,5 | ● | ● | 2693 | 730 | 1963 | 141 | 132 | 97 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2860 | 897 | 1963 | 144 | 132 | 104 |
| SS6A 29 | 6GF | 11 | 15 | 25,5 | ● | ● | 2754 | 730 | 2024 | 141 | 132 | 99 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2921 | 897 | 2024 | 144 | 132 | 106 |
| SS6A 30 | 6GF | 11 | 15 | 25,5 | ● | ● | 2814 | 730 | 2084 | 141 | 132 | 100 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2981 | 897 | 2084 | 144 | 132 | 107 |
| SS6A 31 | 6GF | 15 | 20 | 33,4 | ● | ● | 2930 | 785 | 2145 | 141 | 132 | 108 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3072 | 927 | 2145 | 144 | 132 | 114 |
| SS6A 32 | 6GF | 15 | 20 | 33,4 | ● | ● | 2990 | 785 | 2205 | 141 | 132 | 109 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3132 | 927 | 2205 | 144 | 132 | 115 |
| SS6A 33 | 6GF | 15 | 20 | 33,4 | ● | ● | 3051 | 785 | 2266 | 141 | 132 | 111 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3193 | 927 | 2266 | 144 | 132 | 117 |
| SS6A 34 | 6GF | 15 | 20 | 33,4 | ● | ● | 3111 | 785 | 2326 | 141 | 132 | 112 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3253 | 927 | 2326 | 144 | 132 | 118 |
| SS6A 35 | 6GF | 15 | 20 | 33,4 | ● | ● | 3172 | 785 | 2387 | 141 | 132 | 113 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3314 | 927 | 2387 | 144 | 132 | 119 |
| SS6A 36 | 6GF | 15 | 20 | 33,4 | ● | ● | 3232 | 785 | 2447 | 141 | 132 | 115 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3374 | 927 | 2447 | 144 | 132 | 121 |
| SS6A 37 | 6GF | 15 | 20 | 33,4 | ● | ● | 3293 | 785 | 2508 | 141 | 132 | 116 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 3435 | 927 | 2508 | 144 | 132 | 122 |
| SS6A 38 | 6GF | 15 | 20 | 33,4 | ● | ● | 3353 | 785 | 2568 | 141 | 132 | 118 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 3565 | 997 | 2568 | 144 | 132 | 136 |
| SS6A 39 | 6GF | 15 | 20 | 33,4 | ● | ● | 3664 | 785 | 2879 | 141 | 167 | 150 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 3876 | 997 | 2879 | 144 | 167 | 168 |
| SS6A 40 | 6GF | 15 | 20 | 33,4 | ● | ● | 3724 | 785 | 2939 | 141 | 167 | 151 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 3936 | 997 | 2939 | 144 | 167 | 169 |
| SS6A 41 | 6GF | 15 | 20 | 33,4 | ● | ● | 3785 | 785 | 3000 | 141 | 167 | 153 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 3997 | 997 | 3000 | 144 | 167 | 171 |
| SS6A 42 | 6GF | 18,5 | 25 | 41 | ● | ● | 3920 | 860 | 3060 | 141 | 167 | 163 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4117 | 1057 | 3060 | 144 | 167 | 179 |

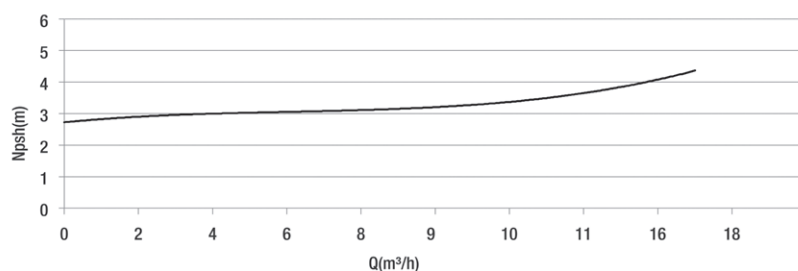
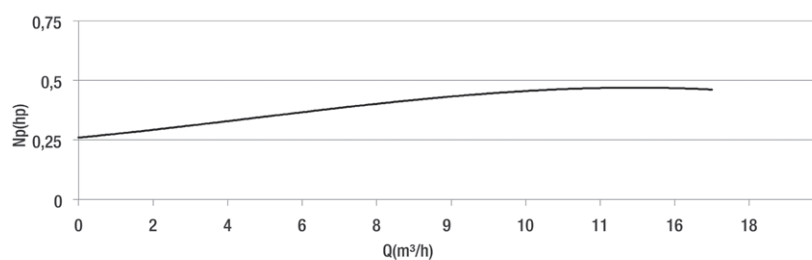
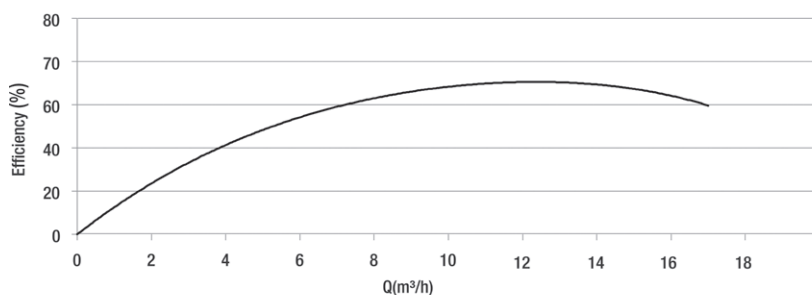
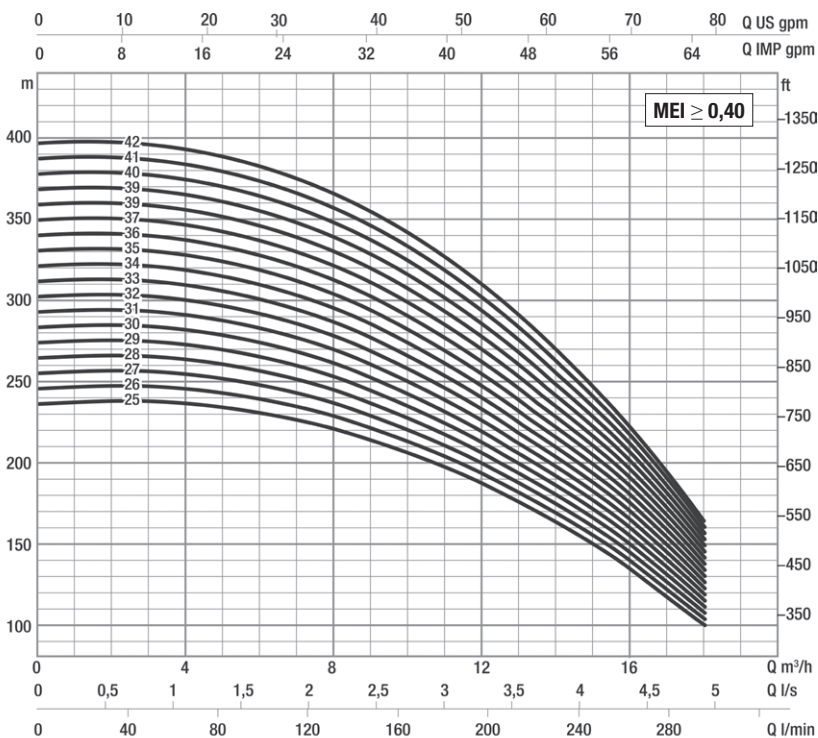
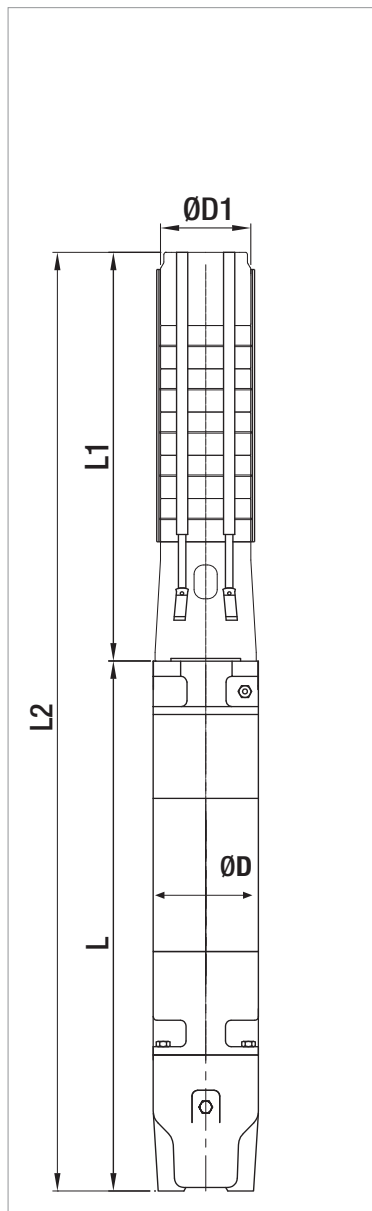
* Motor 6GF: 6" canned submersible motors.
 Motor TR6: 6" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6A

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|------|------|-----|-------|-------|-----|-------|-------|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 17 | |
| | kW | HP | Q=l/min | 0 | 33,3 | 66,6 | 100 | 133,3 | 166,6 | 200 | 233,3 | 266,6 | 283,3 | |
| SS6A 43 | 18,5 | 25 | H (m) | 401 | 403 | 400 | 390 | 374 | 349 | 315 | 272 | 220 | 191 | 6" |
| SS6A 44 | 18,5 | 25 | | 410 | 412 | 409 | 399 | 382 | 357 | 322 | 278 | 225 | 196 | 6" |
| SS6A 45 | 18,5 | 25 | | 420 | 421 | 418 | 408 | 391 | 365 | 330 | 285 | 231 | 200 | 6" |
| SS6A 46 | 18,5 | 25 | | 429 | 431 | 428 | 418 | 400 | 373 | 337 | 291 | 236 | 204 | 6" |
| SS6A 47 | 18,5 | 25 | | 438 | 440 | 437 | 427 | 408 | 381 | 344 | 297 | 241 | 209 | 6" |
| SS6A 48 | 18,5 | 25 | | 448 | 450 | 446 | 436 | 417 | 389 | 352 | 304 | 246 | 213 | 6" |
| SS6A 49 | 18,5 | 25 | | 457 | 459 | 455 | 445 | 426 | 397 | 359 | 310 | 251 | 218 | 6" |
| SS6A 50 | 22 | 30 | | 466 | 468 | 465 | 454 | 434 | 405 | 366 | 316 | 256 | 222 | 6" |
| SS6A 51 | 22 | 30 | | 476 | 478 | 474 | 463 | 443 | 414 | 373 | 323 | 261 | 227 | 6" |
| SS6A 52 | 22 | 30 | | 485 | 487 | 483 | 472 | 452 | 422 | 381 | 329 | 266 | 231 | 6" |
| SS6A 53 | 22 | 30 | | 494 | 496 | 493 | 481 | 460 | 430 | 388 | 335 | 272 | 236 | 6" |
| SS6A 54 | 22 | 30 | | 504 | 506 | 502 | 490 | 469 | 438 | 395 | 342 | 277 | 240 | 6" |
| SS6A 55 | 22 | 30 | | 513 | 515 | 511 | 499 | 478 | 446 | 403 | 348 | 282 | 244 | 6" |
| SS6A 56 | 22 | 30 | | 522 | 524 | 520 | 508 | 487 | 454 | 410 | 354 | 287 | 249 | 6" |
| SS6A 57 | 22 | 30 | | 532 | 534 | 530 | 517 | 495 | 462 | 417 | 361 | 292 | 253 | 6" |
| SS6A 58 | 22 | 30 | | 541 | 543 | 539 | 526 | 504 | 470 | 425 | 367 | 297 | 258 | 6" |
| SS6A 59 | 22 | 30 | | 550 | 553 | 548 | 536 | 513 | 478 | 432 | 373 | 302 | 262 | 6" |
| SS6A 60 | 22 | 30 | | 560 | 562 | 558 | 545 | 521 | 486 | 439 | 380 | 307 | 267 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|---------|--------------------------|----------------------------|----------|---------|----------|---------|----------|-----------------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6A 43 | 6GF | 18,5 | 25 | 41 | ● | ● | 3981 | 860 | 3121 | 141 | 167 | 165 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4178 | 1057 | 3121 | 144 | 167 | 181 |
| SS6A 44 | 6GF | 18,5 | 25 | 41 | ● | ● | 4041 | 860 | 3181 | 141 | 167 | 167 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4238 | 1057 | 3181 | 144 | 167 | 183 |
| SS6A 45 | 6GF | 18,5 | 25 | 41 | ● | ● | 4102 | 860 | 3242 | 141 | 167 | 168 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4299 | 1057 | 3242 | 144 | 167 | 184 |
| SS6A 46 | 6GF | 18,5 | 25 | 41 | ● | ● | 4162 | 860 | 3302 | 141 | 167 | 170 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4359 | 1057 | 3302 | 144 | 167 | 186 |
| SS6A 47 | 6GF | 18,5 | 25 | 41 | ● | ● | 4223 | 860 | 3363 | 141 | 167 | 172 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4420 | 1057 | 3363 | 144 | 167 | 188 |
| SS6A 48 | 6GF | 18,5 | 25 | 41 | ● | ● | 4283 | 860 | 3423 | 141 | 167 | 174 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4480 | 1057 | 3423 | 144 | 167 | 190 |
| SS6A 49 | 6GF | 18,5 | 25 | 41 | ● | ● | 4344 | 860 | 3484 | 141 | 167 | 175 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 4541 | 1057 | 3484 | 144 | 167 | 191 |
| SS6A 50 | 6GF | 22 | 30 | 47 | ● | ● | 4464 | 920 | 3544 | 141 | 167 | 180,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4631 | 1087 | 3544 | 144 | 167 | 205 |
| SS6A 51 | 6GF | 22 | 30 | 47 | ● | ● | 4525 | 920 | 3605 | 141 | 167 | 182,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4692 | 1087 | 3605 | 144 | 167 | 207 |
| SS6A 52 | 6GF | 22 | 30 | 47 | ● | ● | 4585 | 920 | 3665 | 141 | 167 | 184,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4752 | 1087 | 3665 | 144 | 167 | 209 |
| SS6A 53 | 6GF | 22 | 30 | 47 | ● | ● | 4646 | 920 | 3726 | 141 | 167 | 186,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4813 | 1087 | 3726 | 144 | 167 | 211 |
| SS6A 54 | 6GF | 22 | 30 | 47 | ● | ● | 4706 | 920 | 3786 | 141 | 167 | 187,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4873 | 1087 | 3786 | 144 | 167 | 212 |
| SS6A 55 | 6GF | 22 | 30 | 47 | ● | ● | 4767 | 920 | 3847 | 141 | 167 | 189,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4934 | 1087 | 3847 | 144 | 167 | 214 |
| SS6A 56 | 6GF | 22 | 30 | 47 | ● | ● | 4827 | 920 | 3907 | 141 | 167 | 191,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4994 | 1087 | 3907 | 144 | 167 | 216 |
| SS6A 57 | 6GF | 22 | 30 | 47 | ● | ● | 4888 | 920 | 3968 | 141 | 167 | 193,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 5055 | 1087 | 3968 | 144 | 167 | 218 |
| SS6A 58 | 6GF | 22 | 30 | 47 | ● | ● | 4948 | 920 | 4028 | 141 | 167 | 195,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 5115 | 1087 | 4028 | 144 | 167 | 220 |
| SS6A 59 | 6GF | 22 | 30 | 47 | ● | ● | 5009 | 920 | 4089 | 141 | 167 | 196,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 5176 | 1087 | 4089 | 144 | 167 | 221 |
| SS6A 60 | 6GF | 22 | 30 | 47 | ● | ● | 5069 | 920 | 4149 | 141 | 167 | 198,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 5236 | 1087 | 4149 | 144 | 167 | 223 |

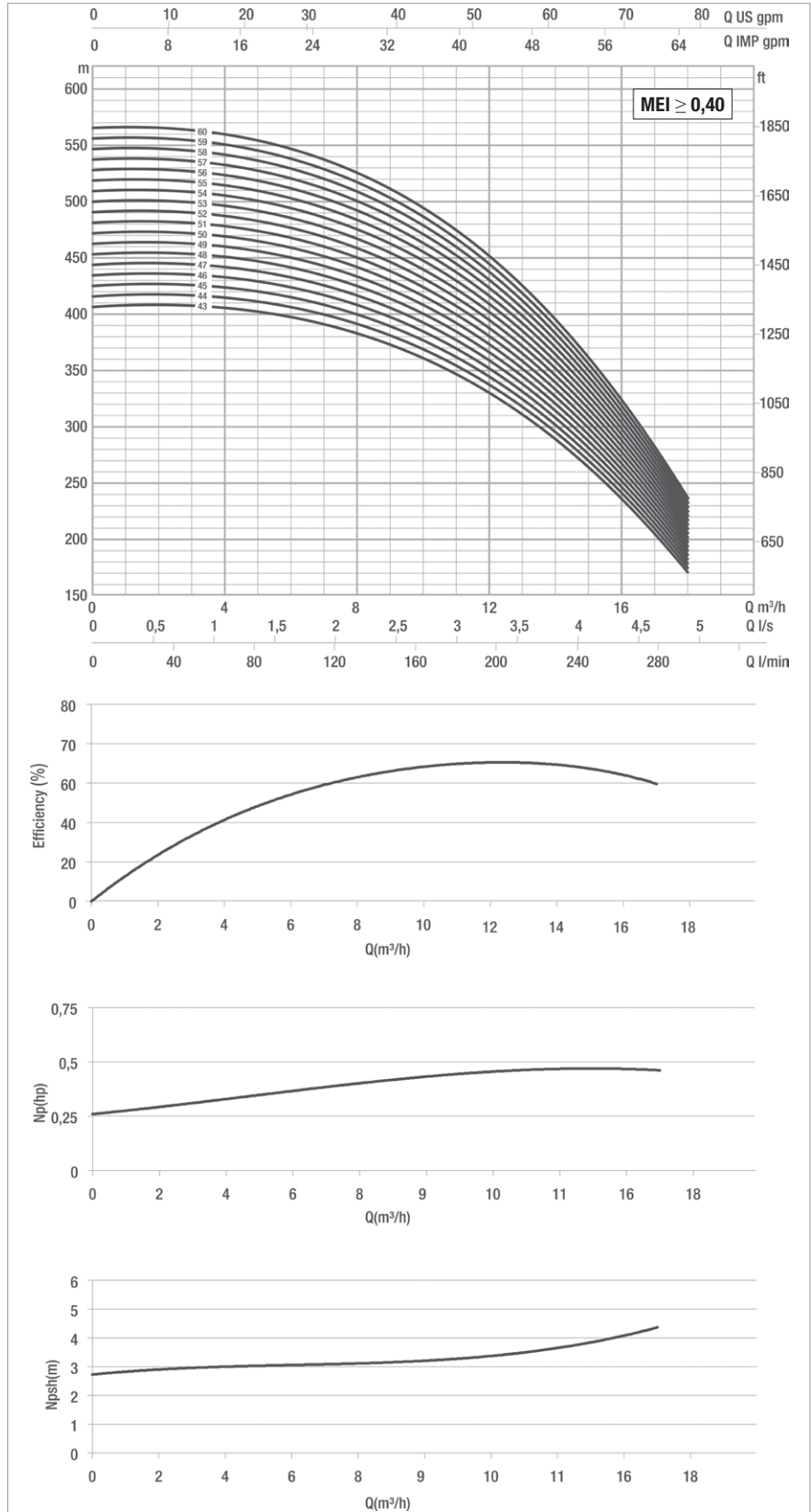
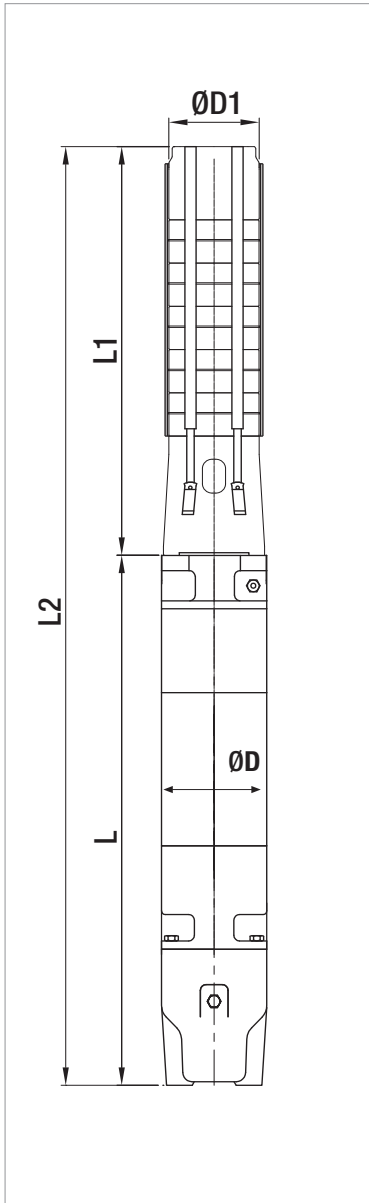
* Motor 6GF: 6" canned submersible motors.
 Motor TR6: 6" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6A

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|------|--------------------|-----|-----|-------|-------|-----|-------|-----|-------|-----|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | |
| | kW | HP | Q=l/min | 0 | 100 | 133,3 | 166,6 | 200 | 233,3 | 250 | 266,6 | 300 | 333,3 | |
| SS6B 07 | 4 | 5,5 | H (m) | 79 | 77 | 76 | 73 | 70 | 65 | 63 | 60 | 53 | 45 | 6" |
| SS6B 08 | 5,5 | 7,5 | | 90 | 89 | 87 | 84 | 80 | 75 | 71 | 68 | 60 | 52 | 6" |
| SS6B 09 | 5,5 | 7,5 | | 102 | 100 | 98 | 94 | 90 | 84 | 80 | 77 | 68 | 58 | 6" |
| SS6B 10 | 5,5 | 7,5 | | 113 | 111 | 108 | 105 | 100 | 93 | 89 | 85 | 76 | 65 | 6" |
| SS6B 11 | 7,5 | 10 | | 124 | 122 | 119 | 115 | 110 | 102 | 98 | 94 | 83 | 71 | 6" |
| SS6B 12 | 7,5 | 10 | | 135 | 133 | 130 | 126 | 120 | 112 | 107 | 102 | 91 | 78 | 6" |
| SS6B 13 | 7,5 | 10 | | 147 | 144 | 141 | 136 | 130 | 121 | 116 | 111 | 98 | 84 | 6" |
| SS6B 14 | 7,5 | 10 | | 158 | 155 | 152 | 147 | 140 | 130 | 125 | 119 | 106 | 91 | 6" |
| SS6B 15 | 9,3 | 12,5 | | 169 | 166 | 163 | 157 | 150 | 140 | 134 | 128 | 113 | 97 | 6" |
| SS6B 16 | 9,3 | 12,5 | | 181 | 177 | 173 | 168 | 160 | 149 | 143 | 136 | 121 | 103 | 6" |
| SS6B 17 | 9,3 | 12,5 | | 192 | 188 | 184 | 178 | 170 | 158 | 152 | 145 | 128 | 110 | 6" |
| SS6B 18 | 11 | 15 | | 203 | 199 | 195 | 189 | 180 | 168 | 161 | 153 | 136 | 116 | 6" |
| SS6B 19 | 11 | 15 | | 214 | 210 | 206 | 199 | 190 | 177 | 170 | 162 | 143 | 123 | 6" |
| SS6B 20 | 11 | 15 | | 226 | 221 | 217 | 210 | 199 | 186 | 179 | 170 | 151 | 129 | 6" |
| SS6B 21 | 13 | 17,5 | | 237 | 232 | 228 | 220 | 209 | 196 | 188 | 179 | 159 | 136 | 6" |
| SS6B 22 | 13 | 17,5 | | 248 | 243 | 238 | 230 | 219 | 205 | 196 | 187 | 166 | 142 | 6" |
| SS6B 23 | 13 | 17,5 | | 260 | 254 | 249 | 241 | 229 | 214 | 205 | 196 | 174 | 149 | 6" |
| SS6B 24 | 13 | 17,5 | | 271 | 266 | 260 | 251 | 239 | 224 | 214 | 204 | 181 | 155 | 6" |
| SS6B 25 | 15 | 20 | | 282 | 277 | 271 | 262 | 249 | 233 | 223 | 213 | 189 | 162 | 6" |
| SS6B 26 | 15 | 20 | | 293 | 288 | 282 | 272 | 259 | 242 | 232 | 221 | 196 | 168 | 6" |
| SS6B 27 | 15 | 20 | | 305 | 299 | 293 | 283 | 269 | 252 | 241 | 230 | 204 | 175 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6B 07 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1293 | 600 | 693 | 141 | 132 | 53,4 |
| SS6B 08 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1384 | 631 | 753 | 141 | 132 | 58,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1560 | 807 | 753 | 144 | 132 | 66 |
| SS6B 09 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1445 | 631 | 814 | 141 | 132 | 59,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1621 | 807 | 814 | 144 | 132 | 67 |
| SS6B 10 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1505 | 631 | 874 | 141 | 132 | 60,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1681 | 807 | 874 | 144 | 132 | 68 |
| SS6B 11 | 6GF | 7,5 | 10 | 18 | ● | ● | 1595 | 660 | 935 | 141 | 132 | 65,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1772 | 837 | 935 | 144 | 132 | 73 |
| SS6B 12 | 6GF | 7,5 | 10 | 18 | ● | ● | 1655 | 660 | 995 | 141 | 132 | 66,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1832 | 837 | 995 | 144 | 132 | 74 |
| SS6B 13 | 6GF | 7,5 | 10 | 18 | ● | ● | 1716 | 660 | 1056 | 141 | 132 | 68,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1893 | 837 | 1056 | 144 | 132 | 76 |
| SS6B 14 | 6GF | 7,5 | 10 | 18 | ● | ● | 1776 | 660 | 1116 | 141 | 132 | 69,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1953 | 837 | 1116 | 144 | 132 | 77 |
| SS6B 15 | 6GF | 9,3 | 12,5 | 22 | ● | ● | 1862 | 685 | 1177 | 141 | 132 | 74,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2044 | 867 | 1177 | 144 | 132 | 81 |
| SS6B 16 | 6GF | 9,3 | 12,5 | 22 | ● | ● | 1922 | 685 | 1237 | 141 | 132 | 75,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2104 | 867 | 1237 | 144 | 132 | 82 |
| SS6B 17 | 6GF | 9,3 | 12,5 | 22 | ● | ● | 1983 | 685 | 1298 | 141 | 132 | 77,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2165 | 867 | 1298 | 144 | 132 | 84 |
| SS6B 18 | 6GF | 11 | 15 | 25,5 | ● | ● | 2088 | 730 | 1358 | 141 | 132 | 83 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2255 | 897 | 1358 | 144 | 132 | 90 |
| SS6B 19 | 6GF | 11 | 15 | 25,5 | ● | ● | 2149 | 730 | 1419 | 141 | 132 | 84 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2316 | 897 | 1419 | 144 | 132 | 91 |
| SS6B 20 | 6GF | 11 | 15 | 25,5 | ● | ● | 2209 | 730 | 1479 | 141 | 132 | 86 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2376 | 897 | 1479 | 144 | 132 | 93 |
| SS6B 21 | 6GF | 15 | 20 | 33,4 | ● | ● | 2325 | 785 | 1540 | 141 | 132 | 93 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2467 | 927 | 1540 | 144 | 132 | 99 |
| SS6B 22 | 6GF | 15 | 20 | 33,4 | ● | ● | 2385 | 785 | 1600 | 141 | 132 | 95 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2527 | 927 | 1600 | 144 | 132 | 101 |
| SS6B 23 | 6GF | 15 | 20 | 33,4 | ● | ● | 2446 | 785 | 1661 | 141 | 132 | 96 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2588 | 927 | 1661 | 144 | 132 | 102 |
| SS6B 24 | 6GF | 15 | 20 | 33,4 | ● | ● | 2506 | 785 | 1721 | 141 | 132 | 98 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2648 | 927 | 1721 | 144 | 132 | 104 |
| SS6B 25 | 6GF | 15 | 20 | 33,4 | ● | ● | 2567 | 785 | 1782 | 141 | 132 | 99 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2779 | 997 | 1782 | 144 | 132 | 117 |
| SS6B 26 | 6GF | 15 | 20 | 33,4 | ● | ● | 2627 | 785 | 1842 | 141 | 132 | 101 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2839 | 997 | 1842 | 144 | 132 | 119 |
| SS6B 27 | 6GF | 15 | 20 | 33,4 | ● | ● | 2688 | 785 | 1903 | 141 | 132 | 102 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2900 | 997 | 1903 | 144 | 132 | 120 |

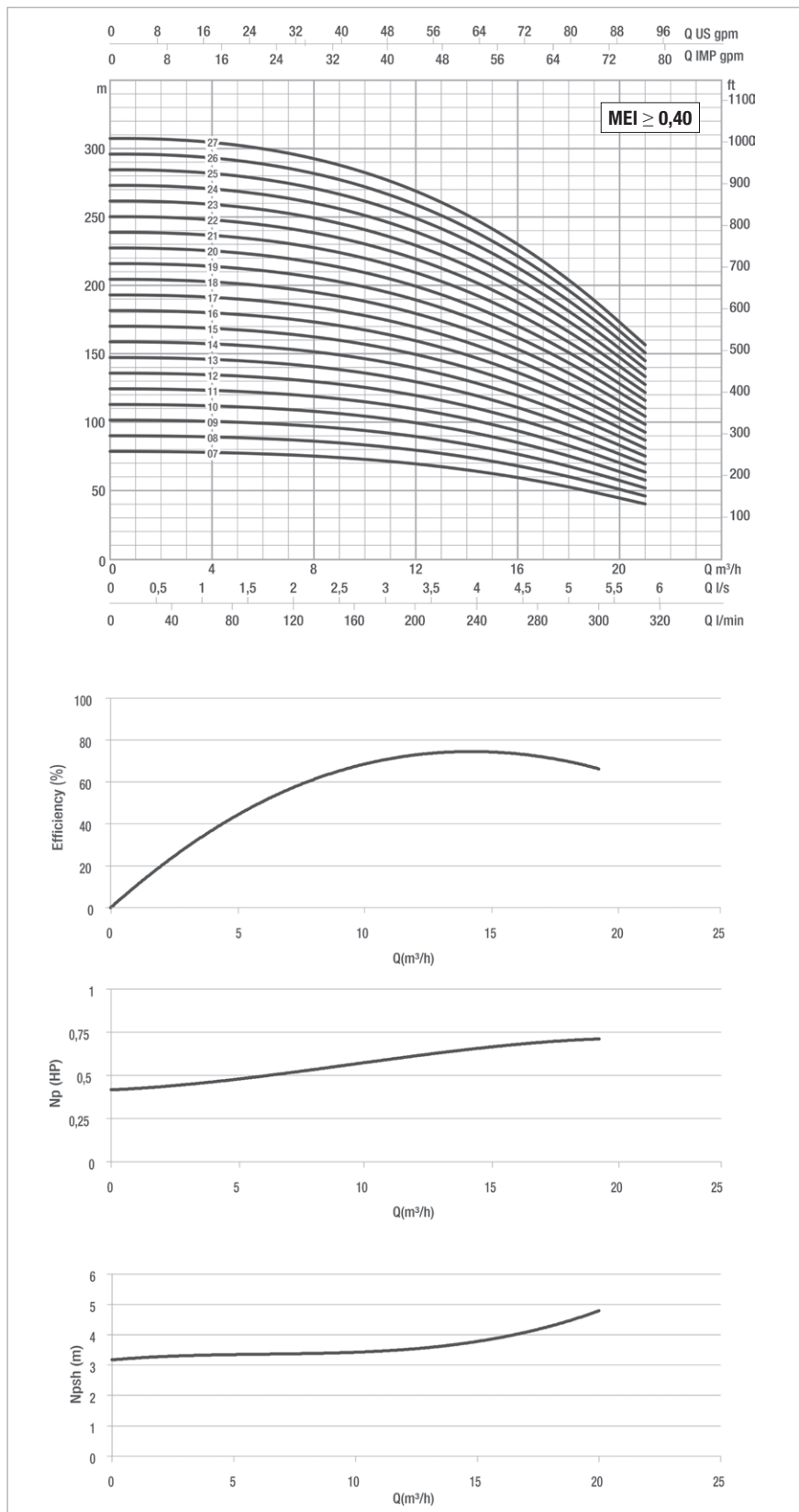
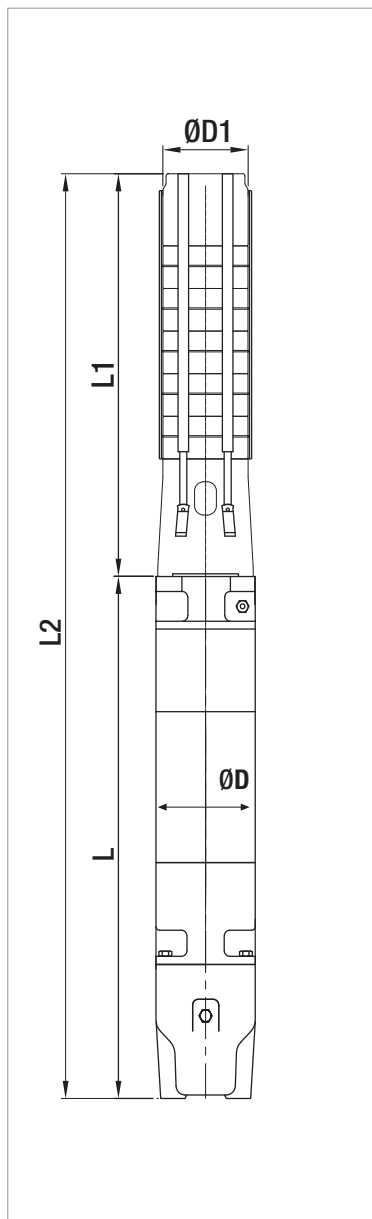
* Motor 6GF: 6" canned submersible motors.
 Motor TR: 6" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6B

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|-----|-------|-------|-----|-------|-----|-------|-----|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | |
| | kW | HP | Q=l/min | 0 | 100 | 133,3 | 166,6 | 200 | 233,3 | 250 | 266,6 | 300 | 333,3 | |
| SS6B 28 | 15 | 20 | H (m) | 316 | 310 | 303 | 293 | 279 | 261 | 250 | 238 | 211 | 181 | 6" |
| SS6B 29 | 18,5 | 25 | | 327 | 321 | 314 | 304 | 289 | 270 | 259 | 247 | 219 | 188 | 6" |
| SS6B 30 | 18,5 | 25 | | 339 | 332 | 325 | 314 | 299 | 280 | 268 | 255 | 227 | 194 | 6" |
| SS6B 31 | 18,5 | 25 | | 350 | 343 | 336 | 325 | 309 | 289 | 277 | 264 | 234 | 200 | 6" |
| SS6B 32 | 18,5 | 25 | | 361 | 354 | 347 | 335 | 319 | 298 | 286 | 272 | 242 | 207 | 6" |
| SS6B 33 | 18,5 | 25 | | 372 | 365 | 358 | 346 | 329 | 307 | 295 | 281 | 249 | 213 | 6" |
| SS6B 34 | 18,5 | 25 | | 384 | 376 | 368 | 356 | 339 | 317 | 304 | 289 | 257 | 220 | 6" |
| SS6B 35 | 22 | 30 | | 395 | 387 | 379 | 367 | 349 | 326 | 313 | 298 | 264 | 226 | 6" |
| SS6B 36 | 22 | 30 | | 406 | 398 | 390 | 377 | 359 | 335 | 322 | 306 | 272 | 233 | 6" |
| SS6B 37 | 22 | 30 | | 418 | 409 | 401 | 388 | 369 | 345 | 330 | 315 | 279 | 239 | 6" |
| SS6B 38 | 22 | 30 | | 429 | 420 | 412 | 398 | 379 | 354 | 339 | 323 | 287 | 246 | 6" |
| SS6B 39 | 22 | 30 | | 440 | 432 | 423 | 409 | 389 | 363 | 348 | 332 | 294 | 252 | 6" |
| SS6B 40 | 22 | 30 | | 451 | 443 | 433 | 419 | 399 | 373 | 357 | 340 | 302 | 259 | 6" |
| SS6B 41 | 22 | 30 | | 463 | 454 | 444 | 430 | 409 | 382 | 366 | 349 | 310 | 265 | 6" |
| SS6B 42 | 26,5 | 35 | | 474 | 465 | 455 | 440 | 419 | 391 | 375 | 357 | 317 | 272 | 6" |
| SS6B 43 | 26,5 | 35 | 485 | 476 | 466 | 450 | 429 | 401 | 384 | 366 | 325 | 278 | 6" | |

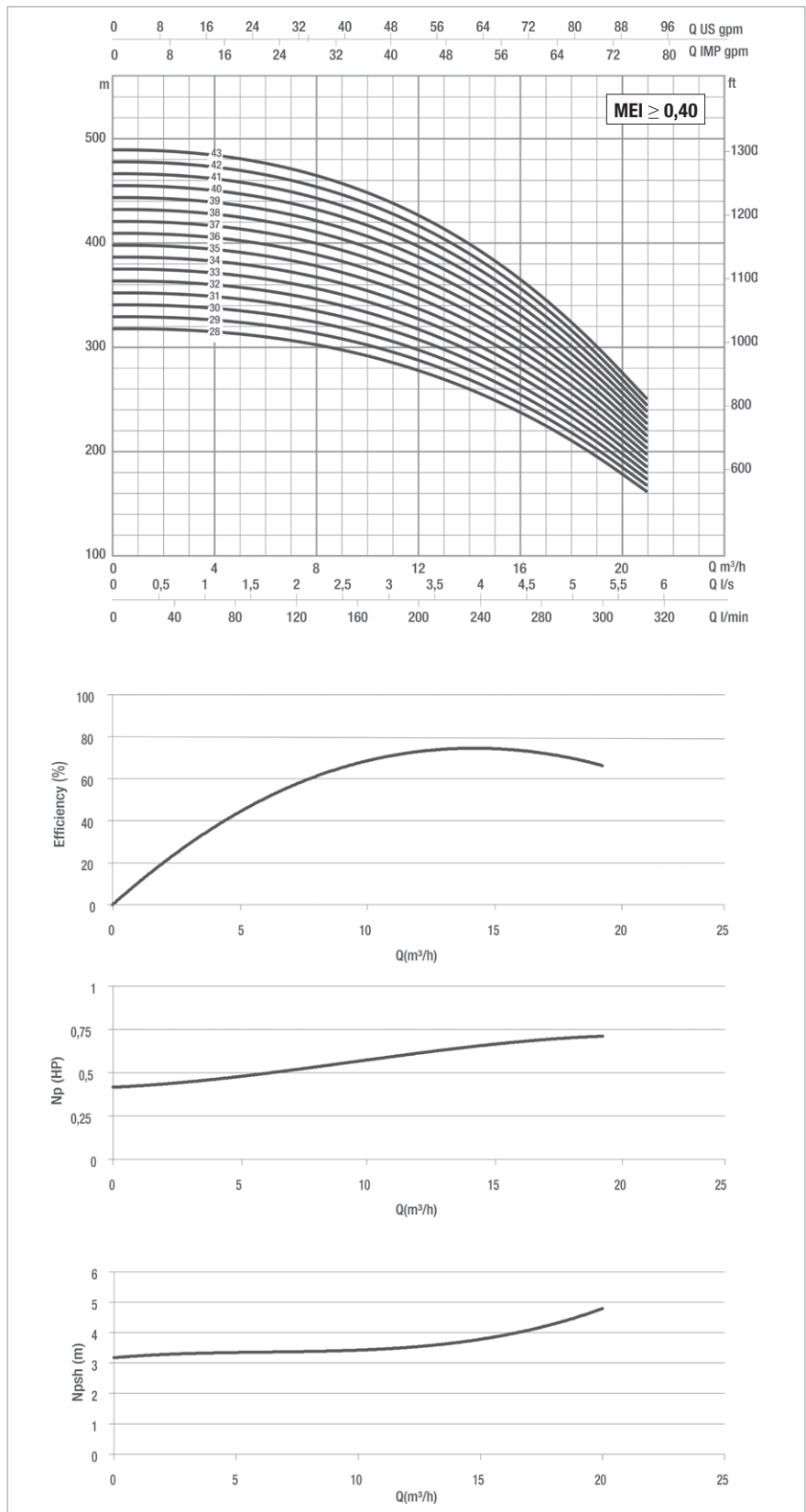
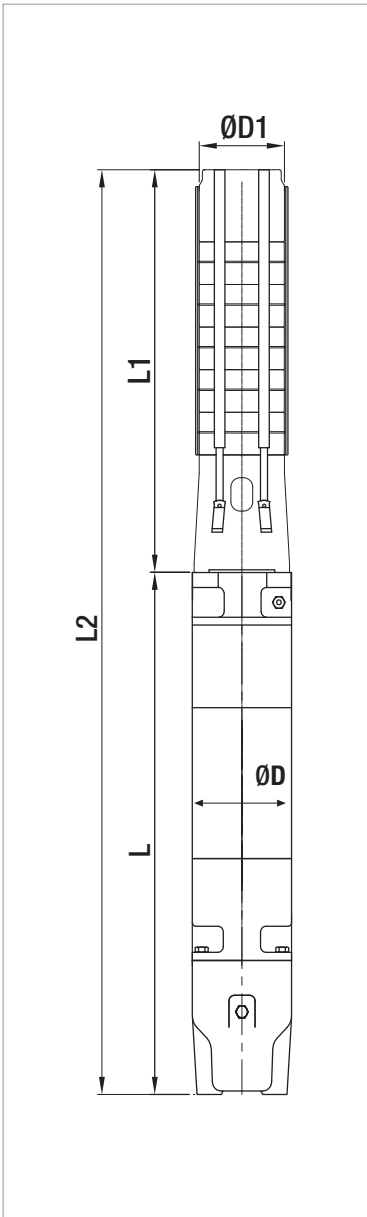
ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|---------|--------------------------|----------------------------|----------|---------|----------|---------|----------|-----------------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6B 28 | 6GF | 15 | 20 | 33,4 | ● | ● | 2748 | 785 | 1963 | 141 | 132 | 104 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2960 | 997 | 1963 | 144 | 132 | 122 |
| SS6B 29 | 6GF | 18,5 | 25 | 41 | ● | ● | 2884 | 860 | 2024 | 141 | 132 | 113 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3081 | 1057 | 2024 | 144 | 132 | 129 |
| SS6B 30 | 6GF | 18,5 | 25 | 41 | ● | ● | 2944 | 860 | 2084 | 141 | 132 | 114 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3141 | 1057 | 2084 | 144 | 132 | 130 |
| SS6B 31 | 6GF | 18,5 | 25 | 41 | ● | ● | 3005 | 860 | 2145 | 141 | 132 | 116 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3202 | 1057 | 2145 | 144 | 132 | 132 |
| SS6B 32 | 6GF | 18,5 | 25 | 41 | ● | ● | 3065 | 860 | 2205 | 141 | 132 | 117 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3262 | 1057 | 2205 | 144 | 132 | 133 |
| SS6B 33 | 6GF | 18,5 | 25 | 41 | ● | ● | 3126 | 860 | 2266 | 141 | 132 | 119 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3323 | 1057 | 2266 | 144 | 132 | 135 |
| SS6B 34 | 6GF | 18,5 | 25 | 41 | ● | ● | 3186 | 860 | 2326 | 141 | 132 | 120 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3383 | 1057 | 2326 | 144 | 132 | 136 |
| SS6B 35 | 6GF | 22 | 30 | 47 | ● | ● | 3307 | 920 | 2387 | 141 | 132 | 125,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3474 | 1087 | 2387 | 144 | 132 | 150 |
| SS6B 36 | 6GF | 22 | 30 | 47 | ● | ● | 3367 | 920 | 2447 | 141 | 132 | 126,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3534 | 1087 | 2447 | 144 | 132 | 151 |
| SS6B 37 | 6GF | 22 | 30 | 47 | ● | ● | 3428 | 920 | 2508 | 141 | 132 | 128,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3595 | 1087 | 2508 | 144 | 132 | 153 |
| SS6B 38 | 6GF | 22 | 30 | 47 | ● | ● | 3488 | 920 | 2568 | 141 | 132 | 129,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3655 | 1087 | 2568 | 144 | 132 | 154 |
| SS6B 39 | 6GF | 22 | 30 | 47 | ● | ● | 3799 | 920 | 2879 | 141 | 167 | 161,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3966 | 1087 | 2879 | 144 | 167 | 186 |
| SS6B 40 | 6GF | 22 | 30 | 47 | ● | ● | 3859 | 920 | 2939 | 141 | 167 | 163,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4026 | 1087 | 2939 | 144 | 167 | 188 |
| SS6B 41 | 6GF | 22 | 30 | 47 | ● | ● | 3920 | 920 | 3000 | 141 | 167 | 165,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 4087 | 1087 | 3000 | 144 | 167 | 190 |
| SS6B 42 | 6GF | 30 | 40 | 61,5 | ● | ● | 4110 | 1050 | 3060 | 141 | 167 | 182,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4217 | 1157 | 3060 | 144 | 167 | 201 |
| SS6B 43 | 6GF | 30 | 40 | 61,5 | ● | ● | 4171 | 1050 | 3121 | 141 | 167 | 184,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4278 | 1157 | 3121 | 144 | 167 | 203 |

* Motor 6GF: 6" canned submersible motors.
 Motor TR6: 6" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|-----|-------|-------|-----|-------|-----|-------|-----|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | |
| | kW | HP | Q=l/min | 0 | 100 | 133,3 | 166,6 | 200 | 233,3 | 250 | 266,6 | 300 | 333,3 | |
| SS6B 44 | 26,5 | 35 | H (m) | 497 | 487 | 477 | 461 | 439 | 410 | 393 | 374 | 332 | 284 | 6" |
| SS6B 45 | 26,5 | 35 | | 508 | 498 | 488 | 471 | 449 | 419 | 402 | 383 | 340 | 291 | 6" |
| SS6B 46 | 26,5 | 35 | | 519 | 509 | 498 | 482 | 459 | 429 | 411 | 391 | 347 | 297 | 6" |
| SS6B 47 | 26,5 | 35 | | 531 | 520 | 509 | 492 | 469 | 438 | 420 | 400 | 355 | 304 | 6" |
| SS6B 48 | 26,5 | 35 | | 542 | 531 | 520 | 503 | 479 | 447 | 429 | 408 | 362 | 310 | 6" |
| SS6B 49 | 30 | 40 | | 553 | 542 | 531 | 513 | 489 | 457 | 438 | 417 | 370 | 317 | 6" |
| SS6B 50 | 30 | 40 | | 564 | 553 | 542 | 524 | 499 | 466 | 447 | 425 | 378 | 323 | 6" |
| SS6B 51 | 30 | 40 | | 576 | 564 | 553 | 534 | 509 | 475 | 456 | 434 | 385 | 330 | 6" |
| SS6B 52 | 30 | 40 | | 587 | 575 | 563 | 545 | 519 | 485 | 464 | 442 | 393 | 336 | 6" |
| SS6B 53 | 30 | 40 | | 598 | 586 | 574 | 555 | 529 | 494 | 473 | 451 | 400 | 343 | 6" |
| SS6B 54 | 30 | 40 | | 610 | 597 | 585 | 566 | 539 | 503 | 482 | 459 | 408 | 349 | 6" |
| SS6B 55 | 30 | 40 | | 621 | 609 | 596 | 576 | 549 | 512 | 491 | 468 | 415 | 356 | 6" |
| SS6B 56 | 30 | 40 | | 632 | 620 | 607 | 587 | 559 | 522 | 500 | 476 | 423 | 362 | 6" |
| SS6B 57 | 37 | 50 | | 643 | 631 | 618 | 597 | 569 | 531 | 509 | 485 | 430 | 369 | 6" |
| SS6B 58 | 37 | 50 | | 655 | 642 | 628 | 608 | 578 | 540 | 518 | 493 | 438 | 375 | 6" |
| SS6B 59 | 37 | 50 | | 666 | 653 | 639 | 618 | 588 | 550 | 527 | 502 | 446 | 381 | 6" |
| SS6B 60 | 37 | 50 | | 677 | 664 | 650 | 629 | 598 | 559 | 536 | 510 | 453 | 388 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6B 44 | 6GF | 30 | 40 | 61,5 | ● | ● | 4231 | 1050 | 3181 | 141 | 167 | 186,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4338 | 1157 | 3181 | 144 | 167 | 205 |
| SS6B 45 | 6GF | 30 | 40 | 61,5 | ● | ● | 4292 | 1050 | 3242 | 141 | 167 | 188,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4399 | 1157 | 3242 | 144 | 167 | 207 |
| SS6B 46 | 6GF | 30 | 40 | 61,5 | ● | ● | 4352 | 1050 | 3302 | 141 | 167 | 189,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4459 | 1157 | 3302 | 144 | 167 | 208 |
| SS6B 47 | 6GF | 30 | 40 | 61,5 | ● | ● | 4413 | 1050 | 3363 | 141 | 167 | 191,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4520 | 1157 | 3363 | 144 | 167 | 210 |
| SS6B 48 | 6GF | 30 | 40 | 61,5 | ● | ● | 4473 | 1050 | 3423 | 141 | 167 | 193,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4580 | 1157 | 3423 | 144 | 167 | 212 |
| SS6B 49 | 6GF | 30 | 40 | 61,5 | ● | ● | 4534 | 1050 | 3484 | 141 | 167 | 195,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4696 | 1212 | 3484 | 144 | 167 | 219 |
| SS6B 50 | 6GF | 30 | 40 | 61,5 | ● | ● | 4594 | 1050 | 3544 | 141 | 167 | 197,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4756 | 1212 | 3544 | 144 | 167 | 221 |
| SS6B 51 | 6GF | 30 | 40 | 61,5 | ● | ● | 4655 | 1050 | 3605 | 141 | 167 | 198,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4817 | 1212 | 3605 | 144 | 167 | 222 |
| SS6B 52 | 6GF | 30 | 40 | 61,5 | ● | ● | 4715 | 1050 | 3665 | 141 | 167 | 200,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4877 | 1212 | 3665 | 144 | 167 | 224 |
| SS6B 53 | 6GF | 30 | 40 | 61,5 | ● | ● | 4776 | 1050 | 3726 | 141 | 167 | 202,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4938 | 1212 | 3726 | 144 | 167 | 226 |
| SS6B 54 | 6GF | 30 | 40 | 61,5 | ● | ● | 4836 | 1050 | 3786 | 141 | 167 | 204,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4998 | 1212 | 3786 | 144 | 167 | 228 |
| SS6B 55 | 6GF | 30 | 40 | 61,5 | ● | ● | 4897 | 1050 | 3847 | 141 | 167 | 206,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 5059 | 1212 | 3847 | 144 | 167 | 230 |
| SS6B 56 | 6GF | 30 | 40 | 61,5 | ● | ● | 4957 | 1050 | 3907 | 141 | 167 | 207,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 5119 | 1212 | 3907 | 144 | 167 | 231 |
| SS6B 57 | 6GF | 37 | 50 | 79,3 | ● | ● | 5148 | 1180 | 3968 | 141 | 167 | 221,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5280 | 1312 | 3968 | 144 | 167 | 243 |
| SS6B 58 | 6GF | 37 | 50 | 79,3 | ● | ● | 5208 | 1180 | 4028 | 141 | 167 | 223,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5340 | 1312 | 4028 | 144 | 167 | 245 |
| SS6B 59 | 6GF | 37 | 50 | 79,3 | ● | ● | 5269 | 1180 | 4089 | 141 | 167 | 225,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5401 | 1312 | 4089 | 144 | 167 | 247 |
| SS6B 60 | 6GF | 37 | 50 | 79,3 | ● | ● | 5329 | 1180 | 4149 | 141 | 167 | 227,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5466 | 1317 | 4149 | 144 | 167 | 249 |

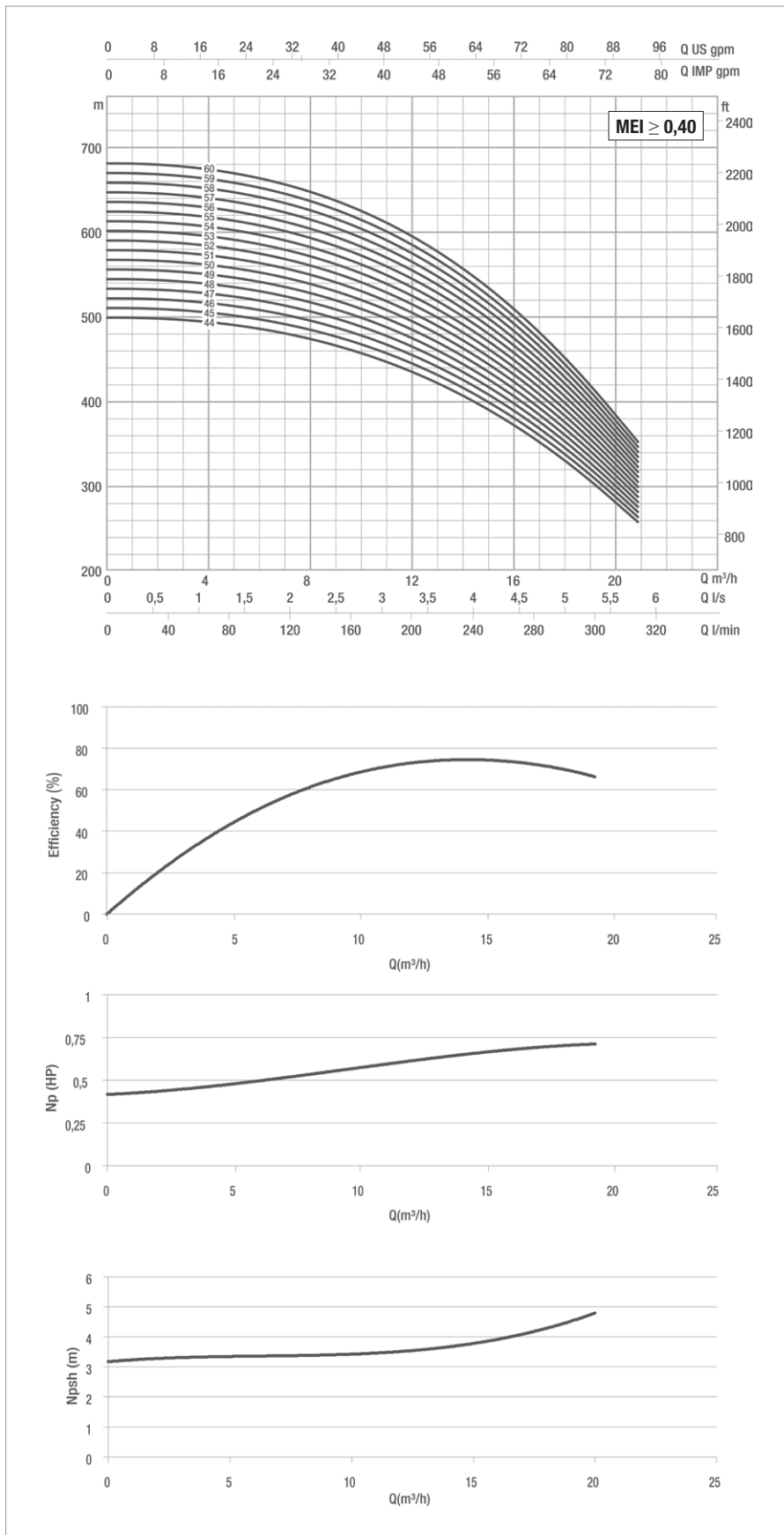
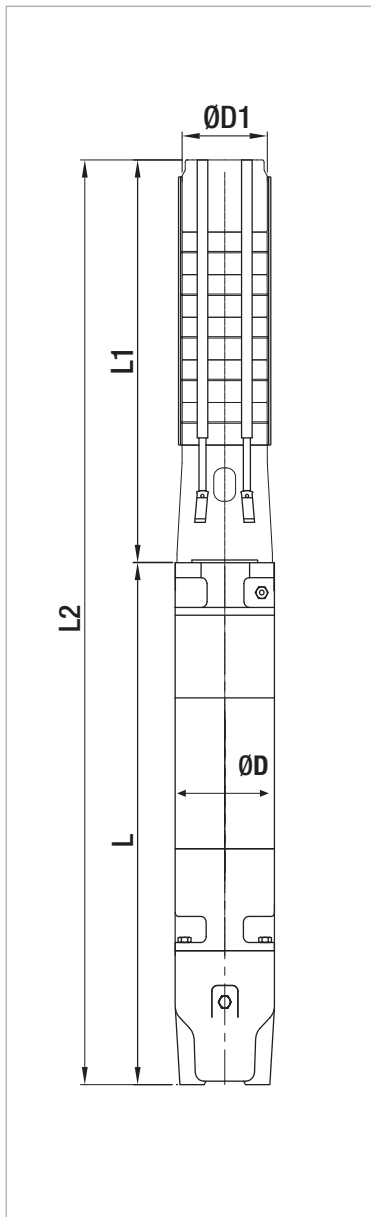
* Motor 6GF: 6" canned submersible motors.
 Motor TR: 6" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6B

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|------|--------------------|-----|-----|-------|-------|-----|-------|-------|-----|-------|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 6 | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | |
| | kW | HP | Q=l/min | 0 | 100 | 166,6 | 233,3 | 300 | 366,6 | 433,3 | 500 | 566,6 | 633,3 | |
| SS6C 04 | 4 | 5,5 | H (m) | 47 | 46 | 44 | 43 | 40 | 37 | 34 | 30 | 25 | 20 | 6" |
| SS6C 05 | 5,5 | 7,5 | | 59 | 57 | 55 | 53 | 50 | 47 | 42 | 37 | 32 | 25 | 6" |
| SS6C 06 | 5,5 | 7,5 | | 70 | 69 | 67 | 64 | 60 | 56 | 51 | 45 | 38 | 30 | 6" |
| SS6C 07 | 7,5 | 10 | | 82 | 80 | 78 | 74 | 70 | 65 | 59 | 52 | 44 | 35 | 6" |
| SS6C 08 | 7,5 | 10 | | 94 | 92 | 89 | 85 | 80 | 75 | 68 | 60 | 51 | 40 | 6" |
| SS6C 09 | 9,2 | 12,5 | | 105 | 103 | 100 | 96 | 90 | 84 | 76 | 67 | 57 | 45 | 6" |
| SS6C 10 | 9,2 | 12,5 | | 117 | 114 | 111 | 106 | 100 | 93 | 85 | 75 | 63 | 50 | 6" |
| SS6C 11 | 9,2 | 12,5 | | 129 | 126 | 122 | 117 | 110 | 103 | 93 | 82 | 70 | 55 | 6" |
| SS6C 12 | 11 | 15 | | 141 | 137 | 133 | 128 | 120 | 112 | 102 | 90 | 76 | 60 | 6" |
| SS6C 13 | 11 | 15 | | 152 | 149 | 144 | 138 | 131 | 121 | 110 | 97 | 82 | 65 | 6" |
| SS6C 14 | 15 | 20 | | 164 | 160 | 155 | 149 | 141 | 131 | 119 | 105 | 89 | 70 | 6" |
| SS6C 15 | 15 | 20 | | 176 | 172 | 166 | 159 | 151 | 140 | 127 | 112 | 95 | 75 | 6" |
| SS6C 16 | 15 | 20 | | 187 | 183 | 178 | 170 | 161 | 149 | 136 | 120 | 101 | 80 | 6" |
| SS6C 17 | 15 | 20 | | 199 | 195 | 189 | 181 | 171 | 159 | 144 | 127 | 108 | 85 | 6" |
| SS6C 18 | 18,5 | 25 | | 211 | 206 | 200 | 191 | 181 | 168 | 153 | 135 | 114 | 90 | 6" |
| SS6C 19 | 18,5 | 25 | | 223 | 217 | 211 | 202 | 191 | 177 | 161 | 142 | 121 | 95 | 6" |
| SS6C 20 | 18,5 | 25 | | 234 | 229 | 222 | 213 | 201 | 186 | 170 | 150 | 127 | 100 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|------|---------|--------------------------|----------------------------|----------|---------|----------|---------|----------|-----------------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6C 04 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1249 | 600 | 649 | 141 | 132 | 52,4 |
| SS6C 05 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1375 | 631 | 744 | 141 | 132 | 57,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1551 | 807 | 744 | 144 | 132 | 65 |
| SS6C 06 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1470 | 631 | 839 | 141 | 132 | 59,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1646 | 807 | 839 | 144 | 132 | 67 |
| SS6C 07 | 6GF | 7,5 | 10 | 18 | ● | ● | 1594 | 660 | 934 | 141 | 132 | 64,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1771 | 837 | 934 | 144 | 132 | 72 |
| SS6C 08 | 6GF | 7,5 | 10 | 18 | ● | ● | 1689 | 660 | 1029 | 141 | 132 | 66,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1866 | 837 | 1029 | 144 | 132 | 74 |
| SS6C 09 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 1809 | 685 | 1124 | 141 | 132 | 71,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 1991 | 867 | 1124 | 144 | 132 | 78 |
| SS6C 10 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 1904 | 685 | 1219 | 141 | 132 | 73,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2086 | 867 | 1219 | 144 | 132 | 80 |
| SS6C 11 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 1999 | 685 | 1314 | 141 | 132 | 75,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 2181 | 867 | 1314 | 144 | 132 | 82 |
| SS6C 12 | 6GF | 11 | 15 | 25,5 | ● | ● | 2139 | 730 | 1409 | 141 | 132 | 82 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2306 | 897 | 1409 | 144 | 132 | 89 |
| SS6C 13 | 6GF | 11 | 15 | 25,5 | ● | ● | 2234 | 730 | 1504 | 141 | 132 | 84 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 2401 | 897 | 1504 | 144 | 132 | 91 |
| SS6C 14 | 6GF | 15 | 20 | 33,4 | ● | ● | 2384 | 785 | 1599 | 141 | 132 | 92 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2526 | 927 | 1599 | 144 | 132 | 98 |
| SS6C 15 | 6GF | 15 | 20 | 33,4 | ● | ● | 2479 | 785 | 1694 | 141 | 132 | 95 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2621 | 927 | 1694 | 144 | 132 | 101 |
| SS6C 16 | 6GF | 15 | 20 | 33,4 | ● | ● | 2574 | 785 | 1789 | 141 | 132 | 97 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2786 | 997 | 1789 | 144 | 132 | 115 |
| SS6C 17 | 6GF | 15 | 20 | 33,4 | ● | ● | 2669 | 785 | 1884 | 141 | 132 | 99 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2881 | 997 | 1884 | 144 | 132 | 117 |
| SS6C 18 | 6GF | 18,5 | 25 | 41 | ● | ● | 2839 | 860 | 1979 | 141 | 132 | 109 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3036 | 1057 | 1979 | 144 | 132 | 125 |
| SS6C 19 | 6GF | 18,5 | 25 | 41 | ● | ● | 2934 | 860 | 2074 | 141 | 132 | 111 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3131 | 1057 | 2074 | 144 | 132 | 127 |
| SS6C 20 | 6GF | 18,5 | 25 | 41 | ● | ● | 3029 | 860 | 2169 | 141 | 132 | 113 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3226 | 1057 | 2169 | 144 | 132 | 129 |

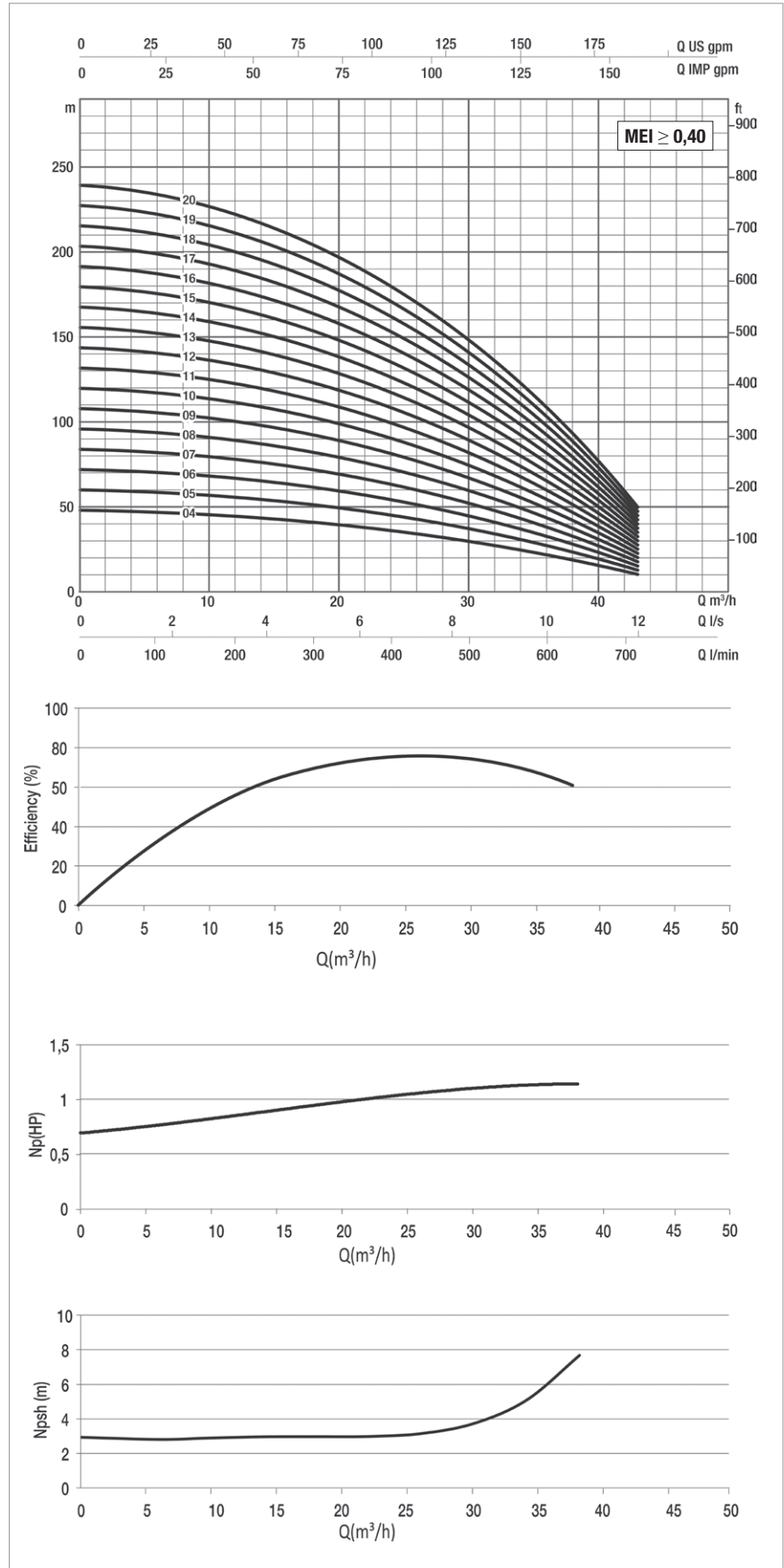
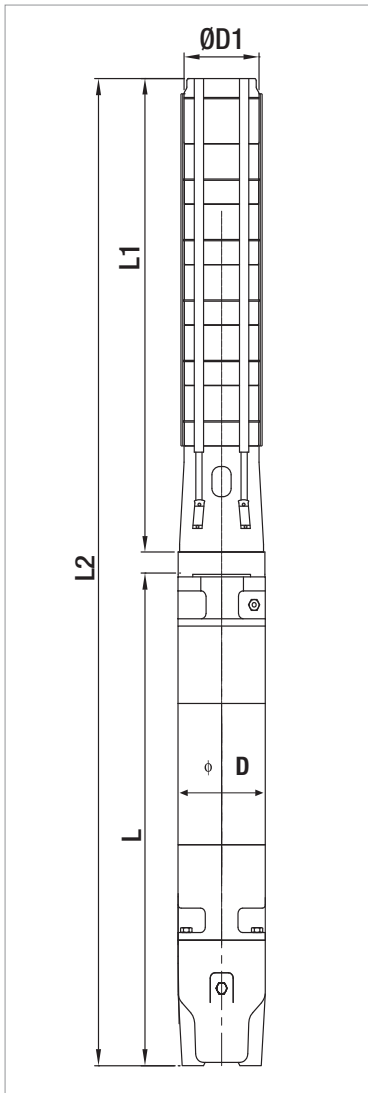
* Motor 6GF: 6" canned submersible motors
 Motor TR:6" rewindable submersible motors

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6C

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|-----|-------|-------|-----|-------|-------|-----|-------|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 6 | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | |
| | kW | HP | Q=l/min | 0 | 100 | 166,6 | 233,3 | 300 | 366,6 | 433,3 | 500 | 566,6 | 633,3 | |
| SS6C 21 | 18,5 | 25 | H (m) | 246 | 240 | 233 | 223 | 211 | 196 | 178 | 157 | 133 | 105 | 6" |
| SS6C 22 | 22 | 30 | | 258 | 252 | 244 | 234 | 221 | 205 | 187 | 165 | 140 | 110 | 6" |
| SS6C 23 | 22 | 30 | | 269 | 263 | 255 | 244 | 231 | 214 | 195 | 172 | 146 | 115 | 6" |
| SS6C 24 | 22 | 30 | | 281 | 275 | 266 | 255 | 241 | 224 | 203 | 180 | 152 | 120 | 6" |
| SS6C 25 | 22 | 30 | | 293 | 286 | 277 | 266 | 251 | 233 | 212 | 187 | 159 | 125 | 6" |
| SS6C 26 | 22 | 30 | | 305 | 298 | 289 | 276 | 261 | 242 | 220 | 195 | 165 | 130 | 6" |
| SS6C 27 | 26 | 35 | | 316 | 309 | 300 | 287 | 271 | 252 | 229 | 202 | 171 | 136 | 6" |
| SS6C 28 | 26 | 35 | | 328 | 320 | 311 | 298 | 281 | 261 | 237 | 210 | 178 | 141 | 6" |
| SS6C 29 | 26 | 35 | | 340 | 332 | 322 | 308 | 291 | 270 | 246 | 217 | 184 | 146 | 6" |
| SS6C 30 | 26 | 35 | | 351 | 343 | 333 | 319 | 301 | 280 | 254 | 225 | 190 | 151 | 6" |
| SS6C 31 | 30 | 40 | | 363 | 355 | 344 | 330 | 311 | 289 | 263 | 232 | 197 | 156 | 6" |
| SS6C 32 | 30 | 40 | | 375 | 366 | 355 | 340 | 321 | 298 | 271 | 240 | 203 | 161 | 6" |
| SS6C 33 | 30 | 40 | | 387 | 378 | 366 | 351 | 331 | 308 | 280 | 247 | 209 | 166 | 6" |
| SS6C 34 | 30 | 40 | | 398 | 389 | 377 | 361 | 341 | 317 | 288 | 255 | 216 | 171 | 6" |
| SS6C 35 | 30 | 40 | | 410 | 401 | 388 | 372 | 351 | 326 | 297 | 262 | 222 | 176 | 6" |
| SS6C 36 | 30 | 40 | | 422 | 412 | 400 | 383 | 361 | 336 | 305 | 270 | 228 | 181 | 6" |
| SS6C 37 | 37 | 50 | | 433 | 423 | 411 | 393 | 371 | 345 | 314 | 277 | 235 | 186 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6C 21 | 6GF | 18,5 | 25 | 41 | ● | ● | 3124 | 860 | 2264 | 141 | 132 | 115 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 3321 | 1057 | 2264 | 144 | 132 | 131 |
| SS6C 22 | 6GF | 22 | 30 | 47 | ● | ● | 3279 | 920 | 2359 | 141 | 132 | 120,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3446 | 1087 | 2359 | 144 | 132 | 145 |
| SS6C 23 | 6GF | 22 | 30 | 47 | ● | ● | 3374 | 920 | 2454 | 141 | 132 | 122,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3541 | 1087 | 2454 | 144 | 132 | 147 |
| SS6C 24 | 6GF | 22 | 30 | 47 | ● | ● | 3469 | 920 | 2549 | 141 | 132 | 124,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3636 | 1087 | 2549 | 144 | 132 | 149 |
| SS6C 25 | 6GF | 22 | 30 | 47 | ● | ● | 3564 | 920 | 2644 | 141 | 132 | 126,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3731 | 1087 | 2644 | 144 | 132 | 151 |
| SS6C 26 | 6GF | 22 | 30 | 47 | ● | ● | 3659 | 920 | 2739 | 141 | 132 | 128,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 3826 | 1087 | 2739 | 144 | 132 | 153 |
| SS6C 27 | 6GF | 30 | 40 | 61,5 | ● | ● | 3884 | 1050 | 2834 | 141 | 132 | 146,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 3991 | 1157 | 2834 | 144 | 132 | 165 |
| SS6C 28 | 6GF | 30 | 40 | 61,5 | ● | ● | 3979 | 1050 | 2929 | 141 | 132 | 149,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4086 | 1157 | 2929 | 144 | 132 | 168 |
| SS6C 29 | 6GF | 30 | 40 | 61,5 | ● | ● | 4074 | 1050 | 3024 | 141 | 132 | 151,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4181 | 1157 | 3024 | 144 | 132 | 170 |
| SS6C 30 | 6GF | 30 | 40 | 61,5 | ● | ● | 4169 | 1050 | 3119 | 141 | 132 | 153,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 4276 | 1157 | 3119 | 144 | 132 | 172 |
| SS6C 31 | 6GF | 30 | 40 | 61,5 | ● | ● | 4264 | 1050 | 3214 | 141 | 132 | 155,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4426 | 1212 | 3214 | 144 | 132 | 179 |
| SS6C 32 | 6GF | 30 | 40 | 61,5 | ● | ● | 4359 | 1050 | 3309 | 141 | 132 | 157,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4521 | 1212 | 3309 | 144 | 132 | 181 |
| SS6C 33 | 6GF | 30 | 40 | 61,5 | ● | ● | 4454 | 1050 | 3404 | 141 | 132 | 159,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4616 | 1212 | 3404 | 144 | 132 | 183 |
| SS6C34 | 6GF | 30 | 40 | 61,5 | ● | ● | 4549 | 1050 | 3499 | 141 | 132 | 161,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4711 | 1212 | 3499 | 144 | 132 | 185 |
| SS6C 35 | 6GF | 30 | 40 | 61,5 | ● | ● | 4644 | 1050 | 3594 | 141 | 132 | 163,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4806 | 1212 | 3594 | 144 | 132 | 187 |
| SS6C 36 | 6GF | 30 | 40 | 61,5 | ● | ● | 4739 | 1050 | 3689 | 141 | 132 | 165,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 4901 | 1212 | 3689 | 144 | 132 | 189 |
| SS6C 37 | 6GF | 37 | 50 | 79,3 | ● | ● | 4964 | 1180 | 3784 | 141 | 132 | 179,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5096 | 1312 | 3784 | 144 | 132 | 201 |

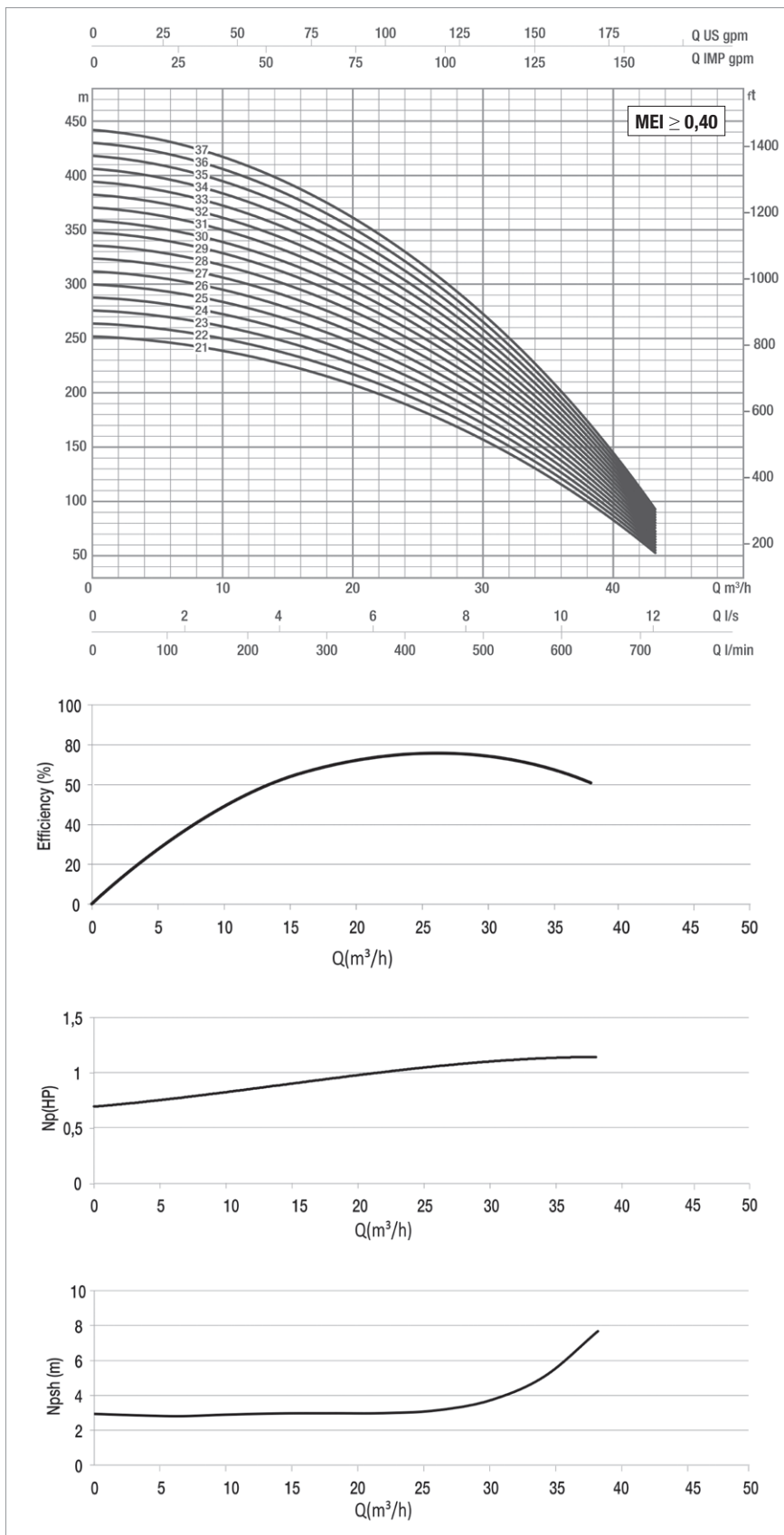
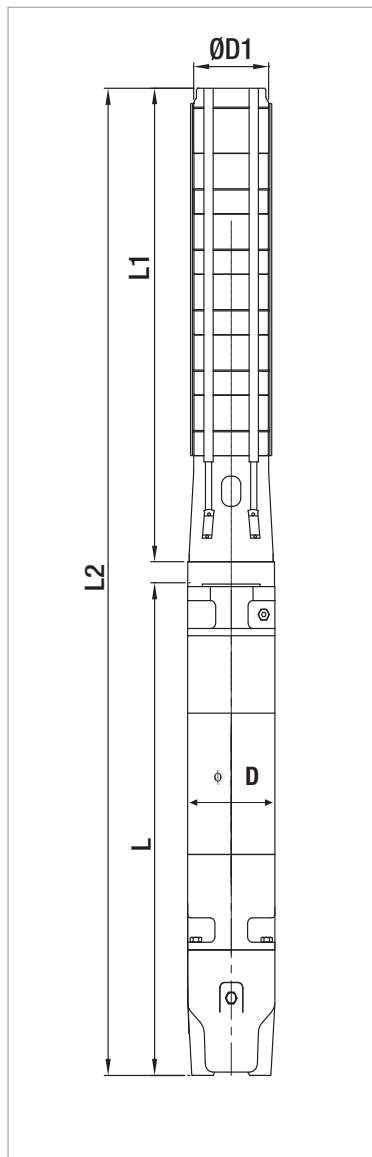
*Motor 6GF: 6" canned submersible motors
 Motor TR:6" rewindable submersible motors

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6C

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|-----|-------|-------|-----|-------|-------|-----|-------|-------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 6 | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | |
| | kW | HP | Q=l/min | 0 | 100 | 166,6 | 233,3 | 300 | 366,6 | 433,3 | 500 | 566,6 | 633,3 | |
| SS6C 38 | 37 | 50 | H (m) | 445 | 435 | 422 | 404 | 381 | 354 | 322 | 285 | 241 | 191 | 6" |
| SS6C 39 | 37 | 50 | | 457 | 446 | 433 | 415 | 392 | 364 | 331 | 292 | 247 | 196 | 6" |
| SS6C 40 | 37 | 50 | | 469 | 458 | 444 | 425 | 402 | 373 | 339 | 300 | 254 | 201 | 6" |
| SS6C 41 | 37 | 50 | | 480 | 469 | 455 | 436 | 412 | 382 | 348 | 307 | 260 | 206 | 6" |
| SS6C 42 | 37 | 50 | | 492 | 481 | 466 | 446 | 422 | 392 | 356 | 315 | 266 | 211 | 6" |
| SS6C 43 | 45 | 60 | | 504 | 492 | 477 | 457 | 432 | 401 | 365 | 322 | 273 | 216 | 8" |
| SS6C 44 | 45 | 60 | | 515 | 504 | 488 | 468 | 442 | 410 | 373 | 330 | 279 | 221 | 8" |
| SS6C 45 | 45 | 60 | | 527 | 515 | 499 | 478 | 452 | 420 | 381 | 337 | 285 | 226 | 8" |
| SS6C 46 | 45 | 60 | | 539 | 526 | 511 | 489 | 462 | 429 | 390 | 344 | 292 | 231 | 8" |
| SS6C 47 | 45 | 60 | | 551 | 538 | 522 | 500 | 472 | 438 | 398 | 352 | 298 | 236 | 8" |
| SS6C 48 | 45 | 60 | | 562 | 549 | 533 | 510 | 482 | 448 | 407 | 359 | 304 | 241 | 8" |
| SS6C 49 | 45 | 60 | | 574 | 561 | 544 | 521 | 492 | 457 | 415 | 367 | 311 | 246 | 8" |
| SS6C 50 | 45 | 60 | | 586 | 572 | 555 | 532 | 502 | 466 | 424 | 374 | 317 | 251 | 8" |
| SS6C 51 | 45 | 60 | | 597 | 584 | 566 | 542 | 512 | 476 | 432 | 382 | 323 | 256 | 8" |
| SS6C 52 | 55 | 75 | | 609 | 595 | 577 | 553 | 522 | 485 | 441 | 389 | 330 | 261 | 8" |
| SS6C 53 | 55 | 75 | | 621 | 607 | 588 | 563 | 532 | 494 | 449 | 397 | 336 | 266 | 8" |
| SS6C 54 | 55 | 75 | 633 | 618 | 599 | 574 | 542 | 503 | 458 | 404 | 342 | 271 | 8" | |

ELECTRICAL DATA AND DIMENSIONS

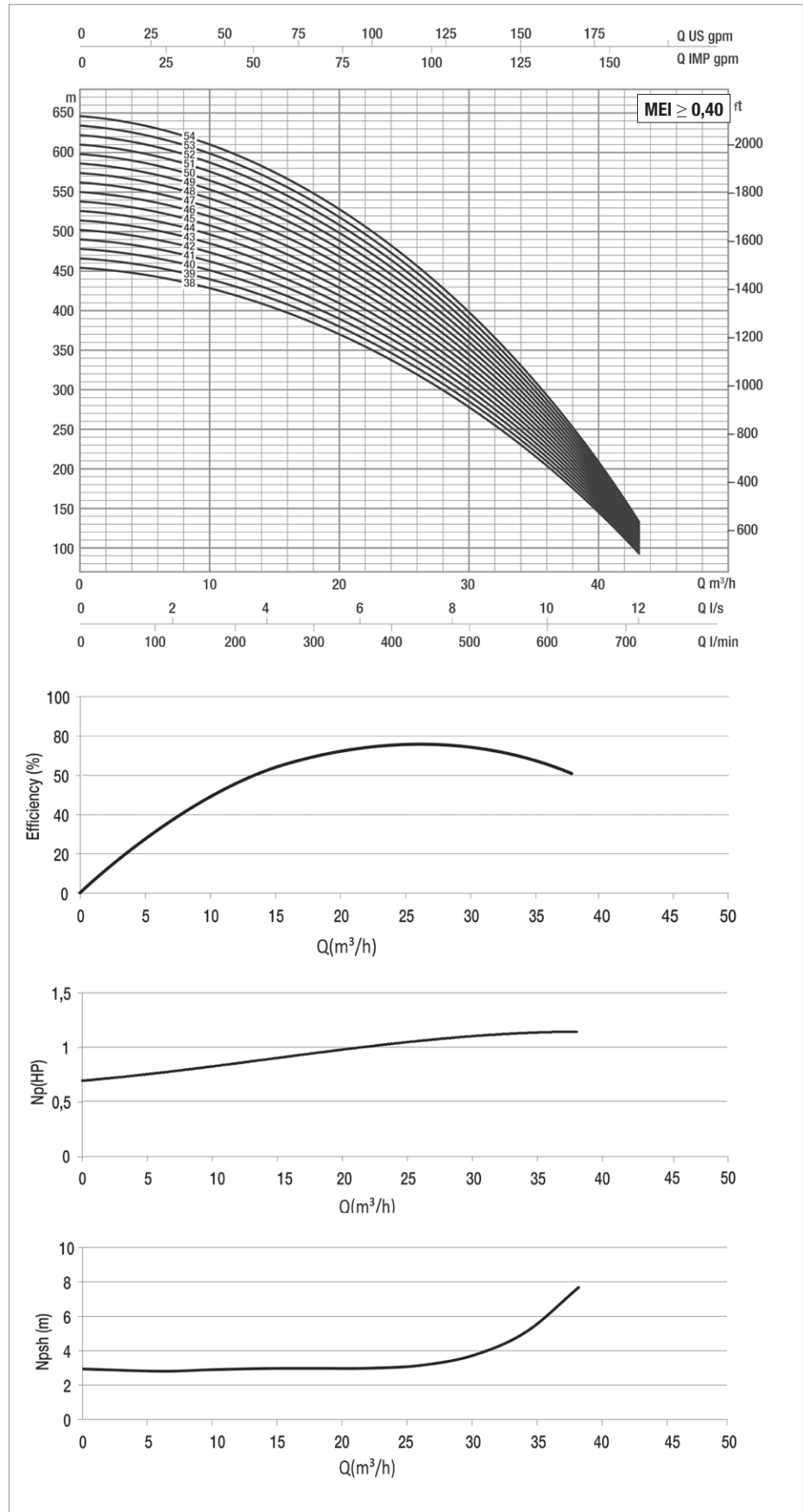
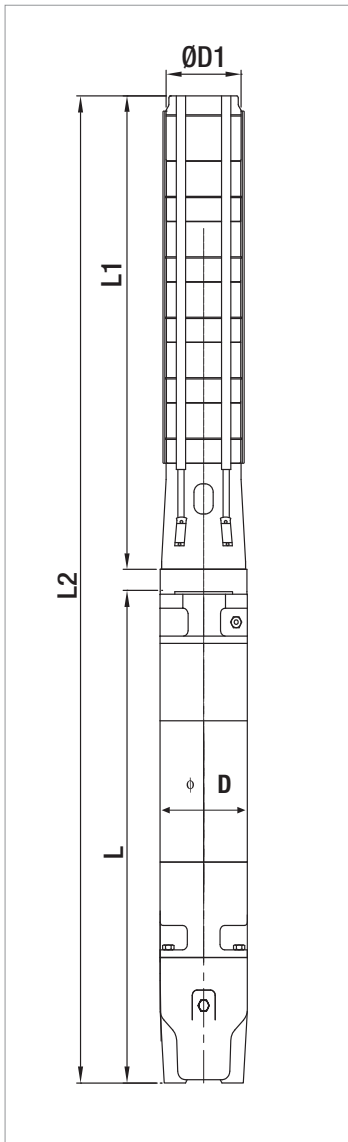
| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|---------|--------------------------|----------------------------|----------|---------|----------|---------|----------|-----------------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6C 38 | 6GF | 37 | 50 | 79,3 | ● | ● | 5059 | 1180 | 3879 | 141 | 132 | 203 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5191 | 1312 | 3879 | 144 | 132 | 222,8 |
| SS6C 39 | 6GF | 37 | 50 | 79,3 | ● | ● | 5404 | 1180 | 4224 | 141 | 167 | 244 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5536 | 1312 | 4224 | 144 | 167 | 224,8 |
| SS6C 40 | 6GF | 37 | 50 | 79,3 | ● | ● | 5499 | 1180 | 4319 | 141 | 167 | 246 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5631 | 1312 | 4319 | 144 | 167 | 227,8 |
| SS6C 41 | 6GF | 37 | 50 | 79,3 | ● | ● | 5594 | 1180 | 4414 | 141 | 167 | 249 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5726 | 1312 | 4414 | 144 | 167 | 230,8 |
| SS6C 42 | 6GF | 37 | 50 | 79,9 | ● | ● | 5689 | 1180 | 4509 | 141 | 167 | 252 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 5821 | 1312 | 4509 | 144 | 167 | 311 |
| SS6C 43 | TR8 | 45 | 60 | 92 | ○ | ● | 5874 | 1270 | 4604 | 141 | 167 | 314 |
| SS6C 44 | TR8 | 45 | 60 | 92 | ○ | ● | 5969 | 1270 | 4699 | 141 | 167 | 316 |
| SS6C 45 | TR8 | 45 | 60 | 92 | ○ | ● | 6064 | 1270 | 4794 | 141 | 167 | 319 |
| SS6C 46 | TR8 | 45 | 60 | 92 | ○ | ● | 6159 | 1270 | 4889 | 141 | 167 | 322 |
| SS6C 47 | TR8 | 45 | 60 | 92 | ○ | ● | 6254 | 1270 | 4984 | 141 | 167 | 324 |
| SS6C 48 | TR8 | 45 | 60 | 92 | ○ | ● | 6349 | 1270 | 5079 | 141 | 167 | 327 |
| SS6C 49 | TR8 | 45 | 60 | 92 | ○ | ● | 6444 | 1270 | 5174 | 141 | 167 | 329 |
| SS6C 50 | TR8 | 45 | 60 | 92 | ○ | ● | 6539 | 1270 | 5269 | 141 | 167 | 332 |
| SS6C 51 | TR8 | 45 | 60 | 92 | ○ | ● | 6634 | 1270 | 5364 | 141 | 167 | 350 |
| SS6C 52 | TR8 | 55 | 75 | 109 | ○ | ● | 6809 | 1350 | 5459 | 141 | 167 | 352 |
| SS6C 53 | TR8 | 55 | 75 | 109 | ○ | ● | 6904 | 1350 | 5554 | 141 | 167 | 355 |
| SS6C 54 | TR8 | 55 | 75 | 109 | ○ | ● | 6999 | 1350 | 5649 | 141 | 167 | 355 |

* Motor 6GF: 6" canned submersible motors.

Motor TR: 6" 8" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | Q=m ³ h Q=l/min | HYDRAULIC DATA | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|------|-------------------------------|----------------|-------|-------|-----|-------|-------|-----|-------|-------|------|-------------------------------|
| | P2 NOMINAL | | | 0 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | |
| | kW | HP | | 0 | 333,3 | 416,6 | 500 | 583,3 | 666,6 | 750 | 833,3 | 916,6 | 1000 | |
| SS6D 03 | 5,5 | 7,5 | H (m) | 42 | 38 | 36 | 33 | 31 | 29 | 26 | 24 | 20 | 16 | 6" |
| SS6D 04 | 7,5 | 10 | | 56 | 50 | 47 | 44 | 41 | 38 | 35 | 32 | 27 | 21 | 6" |
| SS6D 05 | 7,5 | 10 | | 70 | 63 | 59 | 56 | 52 | 48 | 44 | 39 | 34 | 26 | 6" |
| SS6D 06 | 9,3 | 12,5 | | 84 | 75 | 71 | 67 | 62 | 57 | 53 | 47 | 41 | 31 | 6" |
| SS6D 07 | 11 | 15 | | 98 | 88 | 83 | 78 | 72 | 67 | 61 | 55 | 47 | 36 | 6" |
| SS6D 08 | 13 | 17,5 | | 112 | 101 | 95 | 89 | 83 | 77 | 70 | 63 | 54 | 42 | 6" |
| SS6D 09 | 15 | 20 | | 126 | 113 | 107 | 100 | 93 | 86 | 79 | 71 | 61 | 47 | 6" |
| SS6D 10 | 18,5 | 25 | | 140 | 126 | 119 | 111 | 103 | 96 | 88 | 79 | 68 | 52 | 6" |
| SS6D 11 | 18,5 | 25 | | 154 | 138 | 130 | 122 | 114 | 105 | 97 | 87 | 74 | 57 | 6" |
| SS6D 12 | 22 | 30 | | 168 | 151 | 142 | 133 | 124 | 115 | 105 | 95 | 81 | 62 | 6" |
| SS6D 13 | 22 | 30 | | 182 | 163 | 154 | 144 | 134 | 125 | 114 | 102 | 88 | 68 | 6" |
| SS6D 14 | 22 | 30 | | 196 | 176 | 166 | 155 | 145 | 134 | 123 | 110 | 95 | 73 | 6" |
| SS6D 15 | 26,5 | 35 | | 210 | 188 | 178 | 167 | 155 | 144 | 132 | 118 | 101 | 78 | 6" |
| SS6D 16 | 26,5 | 35 | | 224 | 201 | 190 | 178 | 165 | 153 | 141 | 126 | 108 | 83 | 6" |
| SS6D 17 | 30 | 40 | | 238 | 214 | 202 | 189 | 176 | 163 | 149 | 134 | 115 | 88 | 6" |
| SS6D 18 | 30 | 40 | | 252 | 226 | 213 | 200 | 186 | 172 | 158 | 142 | 122 | 93 | 6" |
| SS6D 19 | 37 | 50 | | 266 | 239 | 225 | 211 | 197 | 182 | 167 | 150 | 128 | 99 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6 D3 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1237 | 631 | 606 | 141 | 144 | 54,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1413 | 807 | 606 | 144 | 144 | 62 |
| SS6 D4 | 6GF | 7,5 | 10 | 18 | ● | ● | 1378 | 660 | 718 | 141 | 144 | 60,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1555 | 837 | 718 | 144 | 144 | 68 |
| SS6 D5 | 6GF | 7,5 | 10 | 18 | ● | ● | 1490 | 660 | 830 | 141 | 144 | 63,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1667 | 837 | 830 | 144 | 144 | 71 |
| SS6 D6 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 1627 | 685 | 942 | 141 | 144 | 68,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 1809 | 867 | 942 | 144 | 144 | 75 |
| SS6 D7 | 6GF | 11 | 15 | 25,5 | ● | ● | 1784 | 730 | 1054 | 141 | 144 | 76 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 1951 | 897 | 1054 | 144 | 144 | 83 |
| SS6 D8 | 6GF | 15 | 20 | 33,4 | ● | ● | 1951 | 785 | 1166 | 141 | 144 | 85 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 2093 | 927 | 1166 | 144 | 144 | 91 |
| SS6 D9 | 6GF | 15 | 20 | 33,4 | ● | ● | 2063 | 785 | 1278 | 141 | 144 | 87 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2275 | 997 | 1278 | 144 | 144 | 105 |
| SS6 D10 | 6GF | 18,5 | 25 | 41 | ● | ● | 2250 | 860 | 1390 | 141 | 144 | 98 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 2447 | 1057 | 1390 | 144 | 144 | 114 |
| SS6 D11 | 6GF | 18,5 | 25 | 41 | ● | ● | 2362 | 860 | 1502 | 141 | 144 | 101 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 2559 | 1057 | 1502 | 144 | 144 | 117 |
| SS6 D12 | 6GF | 22 | 30 | 47 | ● | ● | 2534 | 920 | 1614 | 141 | 144 | 106,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2701 | 1087 | 1614 | 144 | 144 | 131 |
| SS6 D13 | 6GF | 22 | 30 | 47 | ● | ● | 2646 | 920 | 1726 | 141 | 144 | 109,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2813 | 1087 | 1726 | 144 | 144 | 134 |
| SS6 D14 | 6GF | 22 | 30 | 47 | ● | ● | 2758 | 920 | 1838 | 141 | 144 | 112,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2925 | 1087 | 1838 | 144 | 144 | 137 |
| SS6 D15 | 6GF | 30 | 40 | 61,5 | ● | ● | 3000 | 1050 | 1950 | 141 | 144 | 130,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 3107 | 1157 | 1950 | 144 | 144 | 149 |
| SS6 D16 | 6GF | 30 | 40 | 61,5 | ● | ● | 3112 | 1050 | 2062 | 141 | 144 | 133,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 3219 | 1157 | 2062 | 144 | 144 | 152 |
| SS6 D17 | 6GF | 30 | 40 | 61,5 | ● | ● | 3224 | 1050 | 2174 | 141 | 144 | 135,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 3386 | 1212 | 2174 | 144 | 144 | 159 |
| SS6 D18 | 6GF | 30 | 40 | 61,5 | ● | ● | 3336 | 1050 | 2286 | 141 | 144 | 138,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 3498 | 1212 | 2286 | 144 | 144 | 162 |
| SS6 D19 | 6GF | 37 | 50 | 79,3 | ○ | ● | 3578 | 1180 | 2398 | 141 | 144 | 153,8 |
| | TR6 | 37 | 50 | 80 | ● | ● | 3710 | 1312 | 2398 | 144 | 144 | 175 |

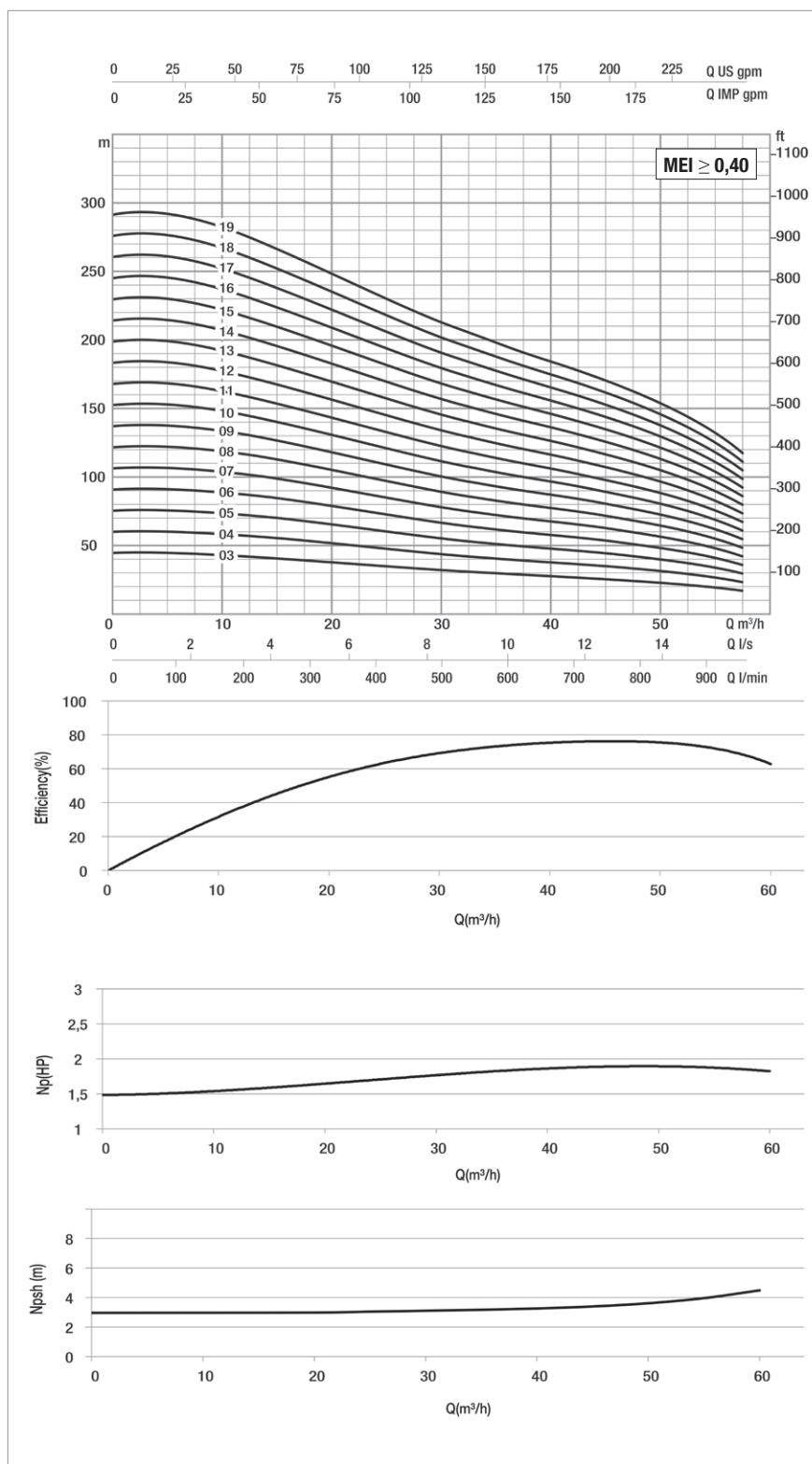
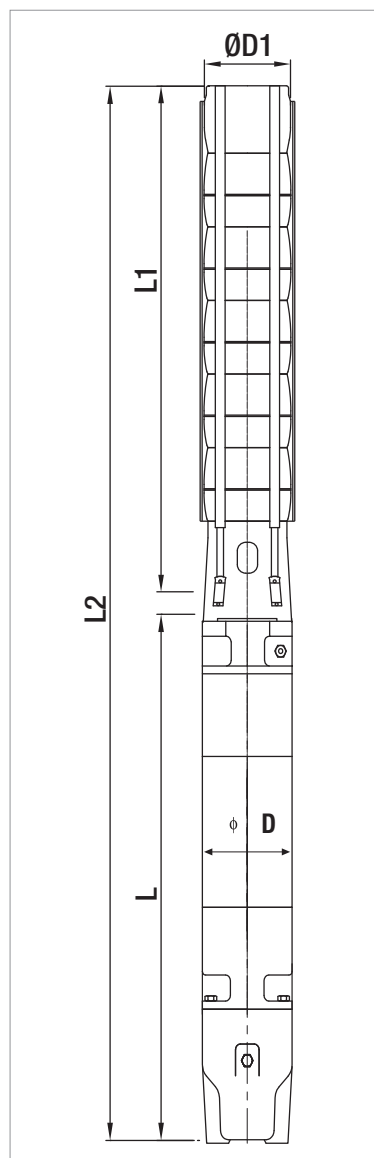
* Motor 6GF: 6" canned submersible motors
 Motor TR6: 6" rewindable submersible motors

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6D

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|-------|-------|-----|-------|-------|-----|-------|-------|------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | |
| | kW | HP | Q=l/min | 0 | 333,3 | 416,6 | 500 | 583,3 | 666,6 | 750 | 833,3 | 916,6 | 1000 | |
| SS6D 20 | 37 | 50 | H (mt) | 280 | 251 | 237 | 222 | 207 | 192 | 176 | 158 | 135 | 104 | 6" |
| SS6D 21 | 37 | 50 | | 294 | 264 | 249 | 233 | 217 | 201 | 184 | 166 | 142 | 109 | 6" |
| SS6D 22 | 37 | 50 | | 308 | 276 | 261 | 244 | 228 | 211 | 193 | 173 | 149 | 114 | 6" |
| SS6D 23 | 37 | 50 | | 322 | 289 | 273 | 255 | 238 | 220 | 202 | 181 | 155 | 119 | 6" |
| SS6D 24 | 45 | 60 | | 336 | 302 | 285 | 267 | 248 | 230 | 211 | 189 | 162 | 125 | 8" |
| SS6D 25 | 45 | 60 | | 350 | 314 | 296 | 278 | 259 | 239 | 220 | 197 | 169 | 130 | 8" |
| SS6D 26 | 45 | 60 | | 364 | 327 | 308 | 289 | 269 | 249 | 228 | 205 | 176 | 135 | 8" |
| SS6D 27 | 45 | 60 | | 378 | 339 | 320 | 300 | 279 | 259 | 237 | 213 | 182 | 140 | 8" |
| SS6D 28 | 45 | 60 | | 392 | 352 | 332 | 311 | 290 | 268 | 246 | 221 | 189 | 145 | 8" |
| SS6D 29 | 45 | 60 | | 406 | 364 | 344 | 322 | 300 | 278 | 255 | 229 | 196 | 151 | 8" |
| SS6D 30 | 45 | 60 | | 420 | 377 | 356 | 333 | 310 | 287 | 264 | 237 | 203 | 156 | 8" |
| SS6D 31 | 55 | 75 | | 434 | 390 | 368 | 344 | 321 | 297 | 272 | 244 | 209 | 161 | 8" |
| SS6D 32 | 55 | 75 | | 448 | 402 | 379 | 355 | 331 | 307 | 281 | 252 | 216 | 166 | 8" |
| SS6D 33 | 55 | 75 | | 462 | 415 | 391 | 366 | 341 | 316 | 290 | 260 | 223 | 171 | 8" |

ELECTRICAL DATA AND DIMENSIONS

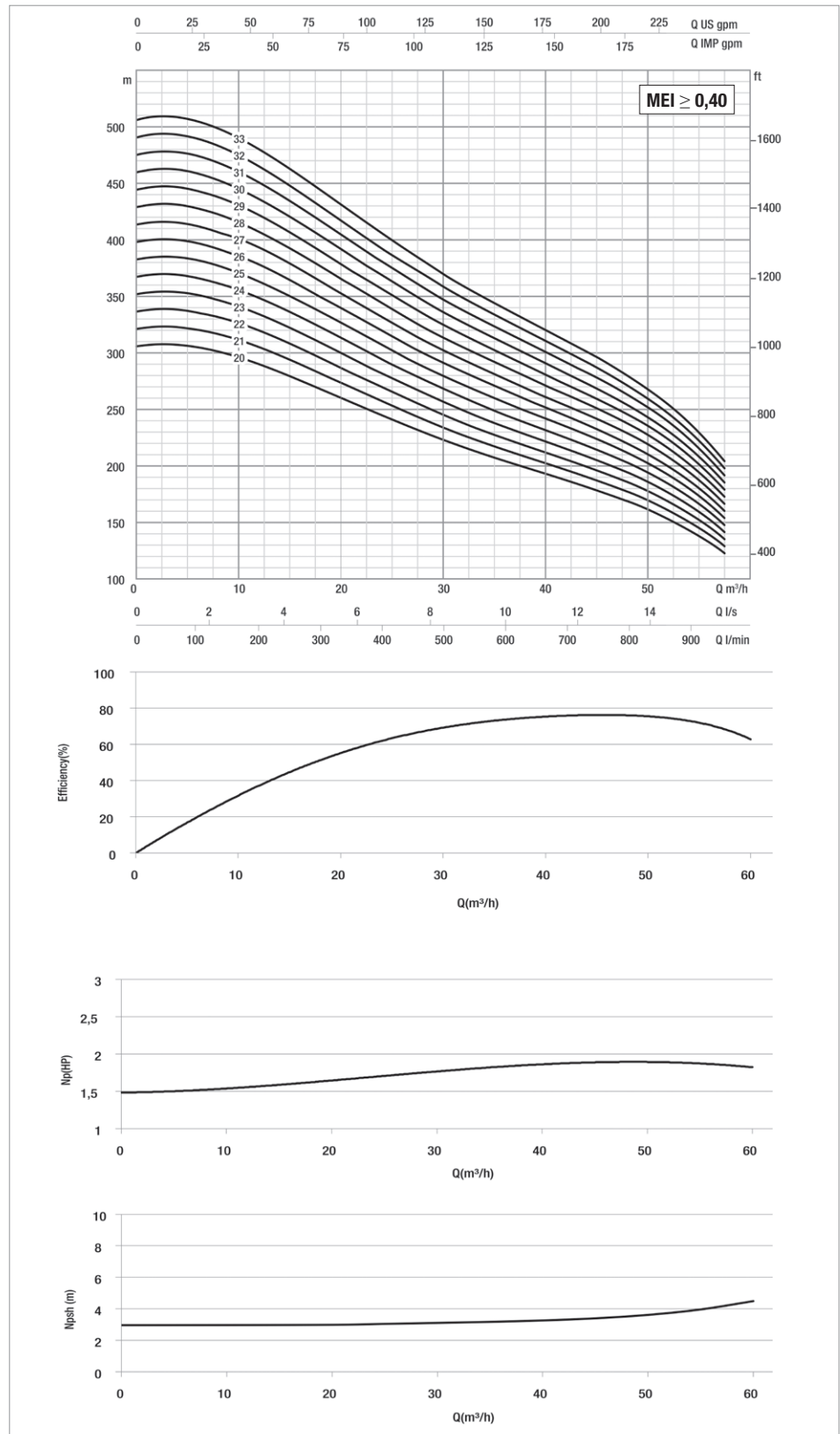
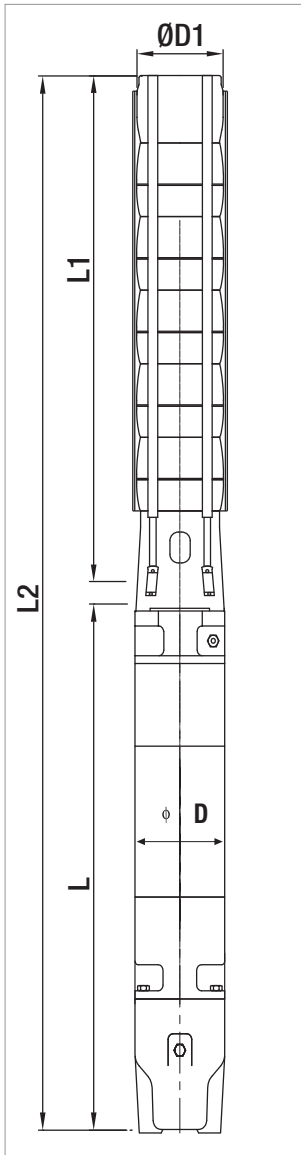
| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6D 20 | 6GF | 37 | 50 | 79,3 | ● | ● | 3690 | 1180 | 2510 | 141 | 144 | 155,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3822 | 1312 | 2510 | 144 | 144 | 177 |
| SS6D 21 | 6GF | 37 | 50 | 79,3 | ● | ● | 3802 | 1180 | 2622 | 141 | 144 | 158,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3934 | 1312 | 2622 | 144 | 144 | 180 |
| SS6D 22 | 6GF | 37 | 50 | 79,3 | ● | ● | 3914 | 1180 | 2734 | 141 | 144 | 161,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 4046 | 1312 | 2734 | 144 | 144 | 183 |
| SS6D 23 | 6GF | 37 | 50 | 79,3 | ● | ● | 4026 | 1180 | 2846 | 141 | 144 | 163,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 4158 | 1312 | 2846 | 144 | 144 | 185 |
| SS6D 24 | TR8 | 45 | 60 | 92 | ○ | ● | 4228 | 1270 | 2958 | 192 | 144 | 245 |
| SS6D 25 | TR8 | 45 | 60 | 92 | ○ | ● | 4340 | 1270 | 3070 | 192 | 144 | 248 |
| SS6D 26 | TR8 | 45 | 60 | 92 | ○ | ● | 4452 | 1270 | 3182 | 192 | 144 | 250 |
| SS6D 27 | TR8 | 45 | 60 | 92 | ○ | ● | 4564 | 1270 | 3294 | 192 | 144 | 253 |
| SS6D 28 | TR8 | 45 | 60 | 92 | ○ | ● | 4676 | 1270 | 3406 | 192 | 144 | 256 |
| SS6D 29 | TR8 | 45 | 60 | 92 | ○ | ● | 4788 | 1270 | 3518 | 192 | 144 | 258 |
| SS6D 30 | TR8 | 45 | 60 | 92 | ○ | ● | 4900 | 1270 | 3630 | 192 | 144 | 261 |
| SS6D 31 | TR8 | 55 | 75 | 109 | ○ | ● | 5092 | 1350 | 3742 | 192 | 144 | 278 |
| SS6D 32 | TR8 | 55 | 75 | 109 | ○ | ● | 5204 | 1350 | 3854 | 192 | 144 | 281 |
| SS6D 33 | TR8 | 55 | 75 | 109 | ○ | ● | 5316 | 1350 | 3966 | 192 | 144 | 284 |

* Motor 6GF: 6" canned submersible motors.

Motor TR: 6" 8" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | Q=m ³ h Q=l/min | HYDRAULIC DATA | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|------|-------------------------------|----------------|-------|-------|-----|-------|-------|------|--------|--------|------|-------------------------------|
| | P2 NOMINAL | | | 0 | 20 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | |
| | kW | HP | | 0 | 333,3 | 666,6 | 750 | 833,3 | 916,6 | 1000 | 1083,3 | 1166,6 | 1250 | |
| SS6E 02 | 4 | 5,5 | H (m) | 30 | 26 | 21 | 20 | 19 | 18 | 17 | 15 | 14 | 11 | 6" |
| SS6E 03 | 5,5 | 7,5 | | 45 | 38 | 31 | 30 | 28 | 27 | 25 | 23 | 20 | 17 | 6" |
| SS6E 04 | 7,5 | 10 | | 60 | 51 | 42 | 40 | 38 | 36 | 33 | 31 | 27 | 23 | 6" |
| SS6E 05 | 9,2 | 12,5 | | 75 | 64 | 52 | 50 | 47 | 45 | 42 | 38 | 34 | 28 | 6" |
| SS6E 06 | 11 | 15 | | 90 | 77 | 62 | 59 | 57 | 54 | 50 | 46 | 41 | 34 | 6" |
| SS6E 07 | 13 | 17,5 | | 105 | 90 | 73 | 69 | 66 | 63 | 59 | 54 | 48 | 40 | 6" |
| SS6E 08 | 15 | 20 | | 120 | 103 | 83 | 79 | 75 | 71 | 67 | 61 | 54 | 45 | 6" |
| SS6E 09 | 18,5 | 25 | | 135 | 115 | 94 | 89 | 85 | 80 | 75 | 69 | 61 | 51 | 6" |
| SS6E 10 | 18,5 | 25 | | 150 | 128 | 104 | 99 | 94 | 89 | 84 | 77 | 68 | 56 | 6" |
| SS6E 11 | 22 | 30 | | 165 | 141 | 115 | 109 | 104 | 98 | 92 | 85 | 75 | 62 | 6" |
| SS6E 12 | 22 | 30 | | 180 | 154 | 125 | 119 | 113 | 107 | 100 | 92 | 82 | 68 | 6" |
| SS6E 13 | 26 | 35 | | 195 | 167 | 135 | 129 | 123 | 116 | 109 | 100 | 88 | 73 | 6" |
| SS6E 14 | 26 | 35 | | 210 | 180 | 146 | 139 | 132 | 125 | 117 | 108 | 95 | 79 | 6" |
| SS6E 15 | 30 | 40 | | 225 | 192 | 156 | 149 | 141 | 134 | 126 | 115 | 102 | 85 | 6" |
| SS6E 16 | 30 | 40 | | 240 | 205 | 167 | 159 | 151 | 143 | 134 | 123 | 109 | 90 | 6" |
| SS6E 17 | 30 | 40 | | 255 | 218 | 177 | 169 | 160 | 152 | 142 | 131 | 116 | 96 | 6" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6E 02 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1094 | 600 | 494 | 141 | 144 | 49,4 |
| SS6E 03 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1237 | 631 | 606 | 141 | 144 | 54,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1413 | 807 | 606 | 144 | 144 | 62 |
| SS6E 04 | 6GF | 7,5 | 10 | 18 | ● | ● | 1378 | 660 | 718 | 141 | 144 | 60,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1555 | 837 | 718 | 144 | 144 | 68 |
| SS6E 05 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 1515 | 685 | 830 | 141 | 144 | 66,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 1697 | 867 | 830 | 144 | 144 | 73 |
| SS6E 06 | 6GF | 11 | 15 | 25,5 | ● | ● | 1672 | 730 | 942 | 141 | 144 | 73 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 1839 | 897 | 942 | 144 | 144 | 80 |
| SS6E 07 | 6GF | 15 | 20 | 33,4 | ● | ● | 1839 | 785 | 1054 | 141 | 144 | 82 |
| | TR6 | 13 | 17,5 | 29 | ○ | ● | 1981 | 927 | 1054 | 144 | 144 | 88 |
| SS6E 08 | 6GF | 15 | 20 | 33,4 | ● | ● | 1951 | 785 | 1166 | 141 | 144 | 85 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 2163 | 997 | 1166 | 144 | 144 | 103 |
| SS6E 09 | 6GF | 18,5 | 25 | 41 | ● | ● | 2138 | 860 | 1278 | 141 | 144 | 95 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 2335 | 1057 | 1278 | 144 | 144 | 111 |
| SS6E 10 | 6GF | 18,5 | 25 | 41 | ● | ● | 2250 | 860 | 1390 | 141 | 144 | 98 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 2447 | 1057 | 1390 | 144 | 144 | 114 |
| SS6E 11 | 6GF | 22 | 30 | 47 | ● | ● | 2422 | 920 | 1502 | 141 | 144 | 104,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2589 | 1087 | 1502 | 144 | 144 | 129 |
| SS6E 12 | 6GF | 22 | 30 | 47 | ● | ● | 2534 | 920 | 1614 | 141 | 144 | 106,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2701 | 1087 | 1614 | 144 | 144 | 131 |
| SS6E 13 | 6GF | 30 | 35 | 61,5 | ● | ● | 2776 | 1050 | 1726 | 141 | 144 | 125,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 2883 | 1157 | 1726 | 144 | 144 | 144 |
| SS6E 14 | 6GF | 30 | 35 | 61,5 | ● | ● | 2888 | 1050 | 1838 | 141 | 144 | 128,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 2995 | 1157 | 1838 | 144 | 144 | 147 |
| SS6E 15 | 6GF | 30 | 40 | 61,5 | ● | ● | 3000 | 1050 | 1950 | 141 | 144 | 130,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 3162 | 1212 | 1950 | 144 | 144 | 154 |
| SS6E 16 | 6GF | 30 | 40 | 61,5 | ● | ● | 3112 | 1050 | 2062 | 141 | 144 | 133,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 3274 | 1212 | 2062 | 144 | 144 | 157 |
| SS6E 17 | 6GF | 30 | 40 | 61,5 | ● | ● | 3224 | 1050 | 2174 | 141 | 144 | 136,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 3386 | 1212 | 2174 | 144 | 144 | 160 |

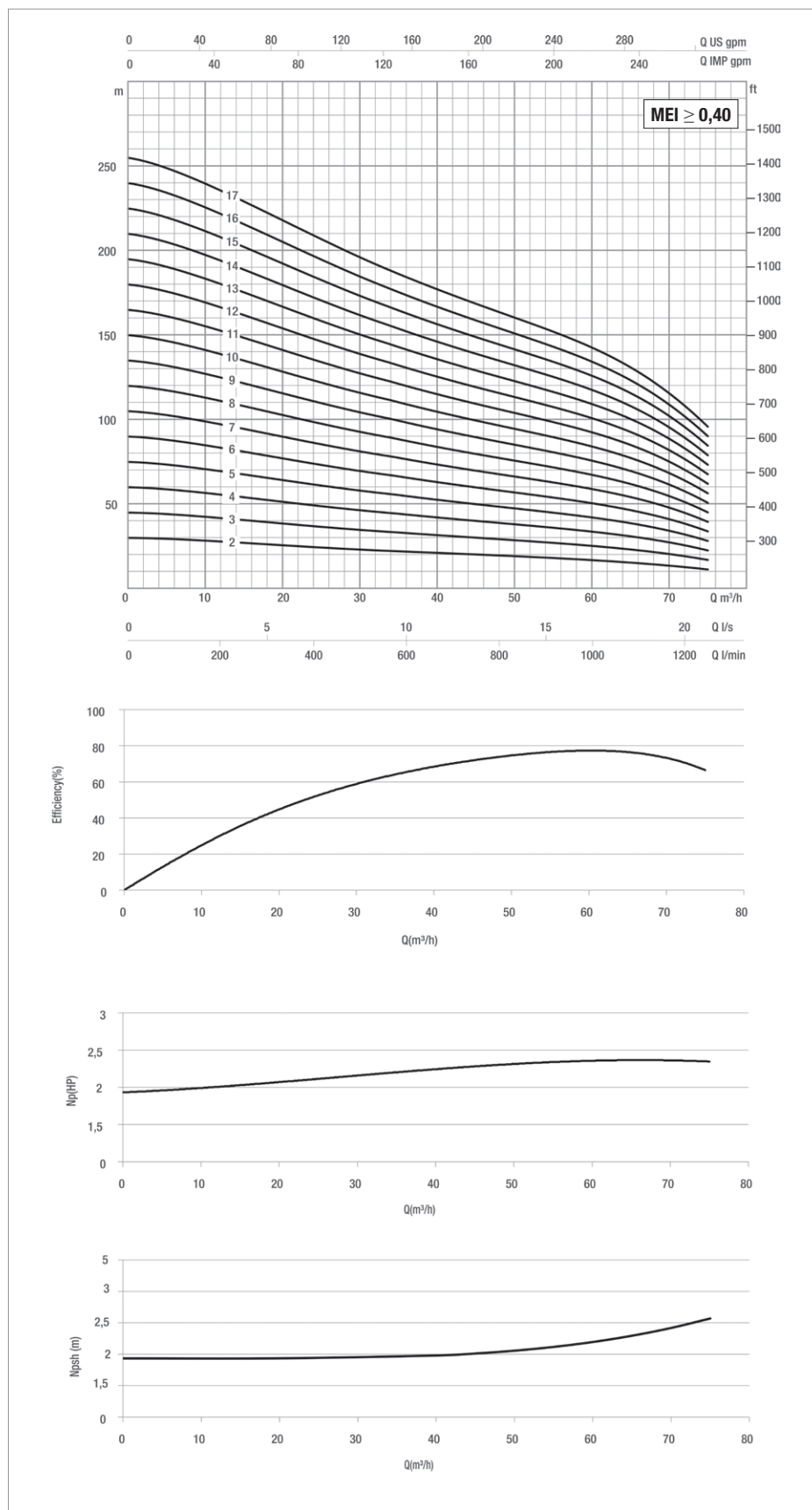
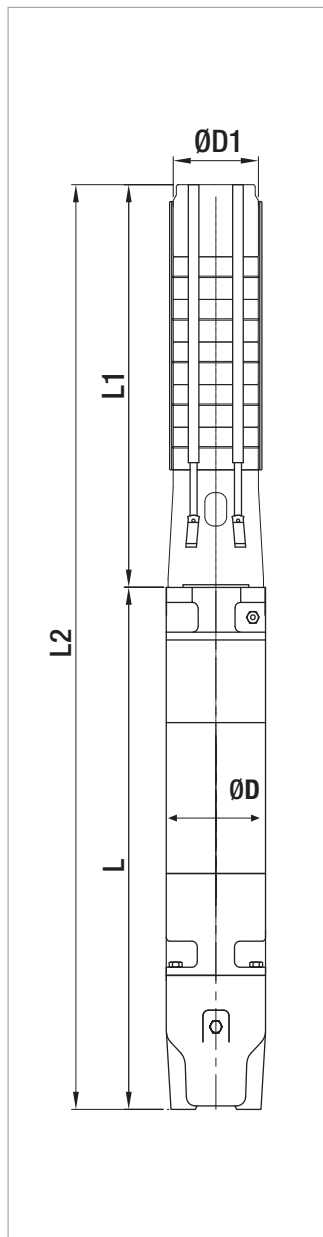
* Motor 6GF: 6" canned submersible motors
 Motor TR:6" rewindable submersible motors

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS6E

SUBMERSIBLE ELECTRIC PUMPS 6"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233

PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|----|--------------------|-----|-------|-------|-----|-------|-------|------|--------|--------|------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 20 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | |
| | kW | HP | Q=l/min | 0 | 333,3 | 666,6 | 750 | 833,3 | 916,6 | 1000 | 1083,3 | 1166,6 | 1250 | |
| SS6E 18 | 37 | 50 | H (m) | 270 | 231 | 187 | 178 | 170 | 161 | 151 | 138 | 122 | 102 | 6" |
| SS6E 19 | 37 | 50 | | 285 | 244 | 198 | 188 | 179 | 170 | 159 | 146 | 129 | 107 | 6" |
| SS6E 20 | 37 | 50 | | 300 | 257 | 208 | 198 | 189 | 179 | 167 | 154 | 136 | 113 | 6" |
| SS6E 21 | 37 | 50 | | 315 | 269 | 219 | 208 | 198 | 188 | 176 | 161 | 143 | 119 | 6" |
| SS6E 22 | 45 | 60 | | 330 | 282 | 229 | 218 | 207 | 197 | 184 | 169 | 150 | 124 | 8" |
| SS6E 23 | 45 | 60 | | 345 | 295 | 239 | 228 | 217 | 205 | 193 | 177 | 157 | 130 | 8" |
| SS6E 24 | 45 | 60 | | 360 | 308 | 250 | 238 | 226 | 214 | 201 | 184 | 163 | 135 | 8" |
| SS6E 25 | 55 | 75 | | 375 | 321 | 260 | 248 | 236 | 223 | 209 | 192 | 170 | 141 | 8" |
| SS6E 26 | 55 | 75 | | 390 | 334 | 271 | 258 | 245 | 232 | 218 | 200 | 177 | 147 | 8" |
| SS6E 27 | 55 | 75 | | 405 | 346 | 281 | 268 | 255 | 241 | 226 | 208 | 184 | 152 | 8" |
| SS6E 28 | 55 | 75 | | 420 | 359 | 292 | 278 | 264 | 250 | 234 | 215 | 191 | 158 | 8" |
| SS6E 29 | 55 | 75 | | 435 | 372 | 302 | 287 | 273 | 259 | 243 | 223 | 197 | 164 | 8" |
| SS6E 30 | 55 | 75 | | 450 | 385 | 312 | 297 | 283 | 268 | 251 | 231 | 204 | 169 | 8" |

ELECTRICAL DATA AND DIMENSIONS

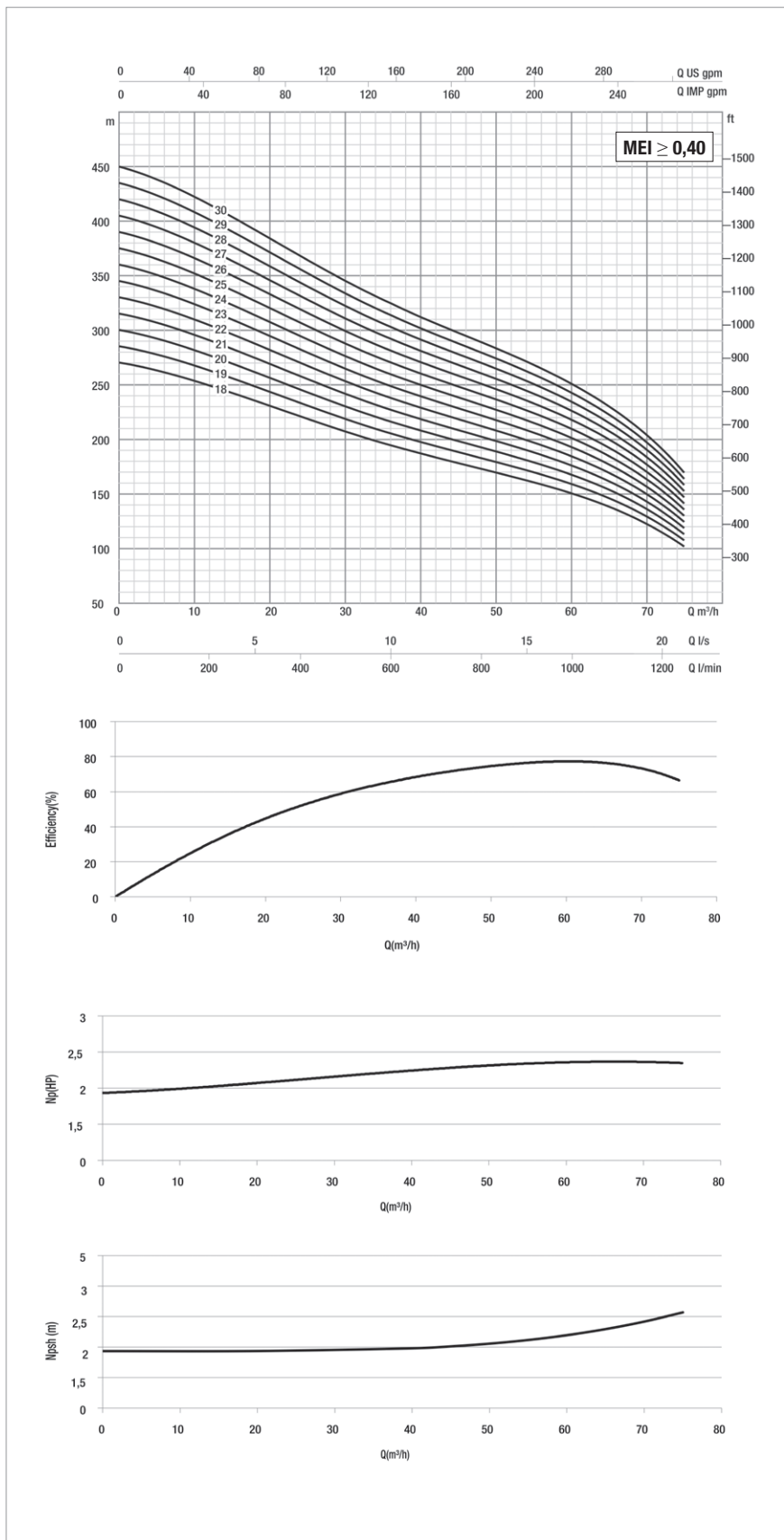
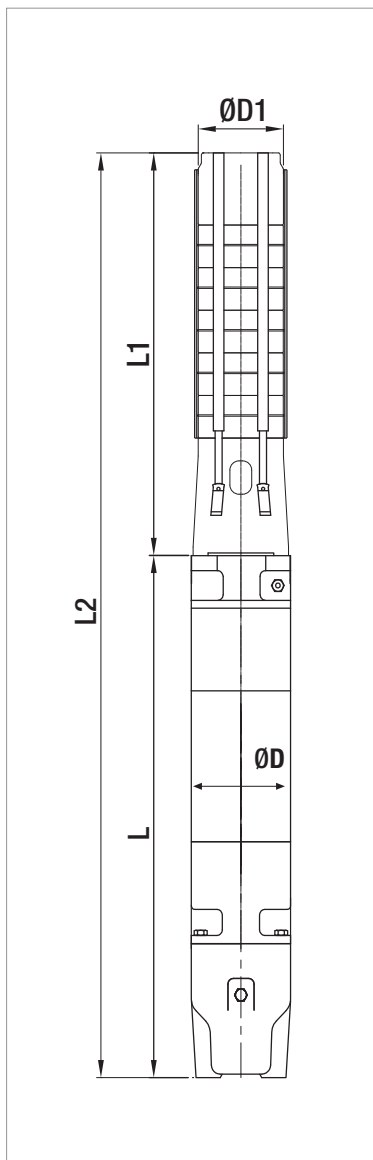
| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS6E 18 | 6GF | 37 | 50 | 79,3 | ● | ● | 3466 | 1180 | 2286 | 141 | 144 | 150,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3598 | 1312 | 2286 | 144 | 144 | 172 |
| SS6E 19 | 6GF | 37 | 50 | 79,3 | ● | ● | 3578 | 1180 | 2398 | 141 | 144 | 153,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3710 | 1312 | 2398 | 144 | 144 | 175 |
| SS6E 20 | 6GF | 37 | 50 | 79,3 | ● | ● | 3690 | 1180 | 2510 | 141 | 144 | 156,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3822 | 1312 | 2510 | 144 | 144 | 178 |
| SS6E 21 | 6GF | 37 | 50 | 79,3 | ● | ● | 3802 | 1180 | 2622 | 141 | 144 | 158,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3934 | 1312 | 2622 | 144 | 144 | 180 |
| SS6E 22 | TR8 | 45 | 60 | 92 | ○ | ● | 4004 | 1270 | 2734 | 192 | 144 | 240 |
| SS6E 23 | TR8 | 45 | 60 | 92 | ○ | ● | 4116 | 1270 | 2846 | 192 | 144 | 242 |
| SS6E 24 | TR8 | 45 | 60 | 92 | ○ | ● | 4228 | 1270 | 2958 | 192 | 144 | 245 |
| SS6E 25 | TR8 | 55 | 75 | 109 | ○ | ● | 4420 | 1350 | 3070 | 192 | 144 | 263 |
| SS6E 26 | TR8 | 55 | 75 | 109 | ○ | ● | 4532 | 1350 | 3182 | 192 | 144 | 265 |
| SS6E 27 | TR8 | 55 | 75 | 109 | ○ | ● | 4644 | 1350 | 3294 | 192 | 144 | 268 |
| SS6E 28 | TR8 | 55 | 75 | 109 | ○ | ● | 4756 | 1350 | 3406 | 192 | 144 | 271 |
| SS6E 29 | TR8 | 55 | 75 | 109 | ○ | ● | 4868 | 1350 | 3518 | 192 | 144 | 273 |
| SS6E 30 | TR8 | 55 | 75 | 109 | ○ | ● | 4980 | 1350 | 3630 | 192 | 144 | 276 |

* Motor 6GF: 6" canned submersible motors.

Motor TR: 6" 8" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



For hydraulic efficiency see pag. 233



TECHNICAL DATA

Performance range: flow up to 110 m³/h and max head of 423 m

Max. quantity of sand/silt: 50g/m³

Max. ambient temperature: 30°C (50°C available on request)

Outlet connection diameter (inside threaded): 5"

Nr of starts: refer to the motor specification

Motor Cooling flow: refer to the motor specification

Installation: horizontal or vertical, refer to the motor specification

APPLICATIONS

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.

These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.

These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.

Special version of motors with PE2+PA windings can be used on request for high-temperature water applications up to maximum 50°C.

Pumps can be installed both vertically and horizontally simply by removing the non-return valve and adding a cooling sleeve to the suction case (the only remark is to check the motor applicability to horizontal operations, refer to the motor specifications section).

CONSTRUCTION FEATURES OF PUMP

Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.

The impellers are balanced and locked to the shaft with a specially shaped collet and nut coupling, in order to guarantee ease-to-assembly feature and avoid vibration sensitive malfunctions and noise increase during rotation.

Rubber bearings that drive the shaft are water lubricated and have sand channels to make enable the sand particles leave the pump with the pumped liquid (maximum permissible sand content 50 gr/m³).

Built-in non returned valve provided in order to minimize local friction losses.

Stainless steel strainer provided in order to prevent particles over a certain size from entering the pump.

Coupling with 6", 8" or 10" motor depending on the power requested by hydraulic part:

- 6GF: 6" canned submersible motor
- TR6: 6" rewindable submersible motor
- TR8: 8" rewindable submersible motor
- TR10: 10" rewindable submersible motor

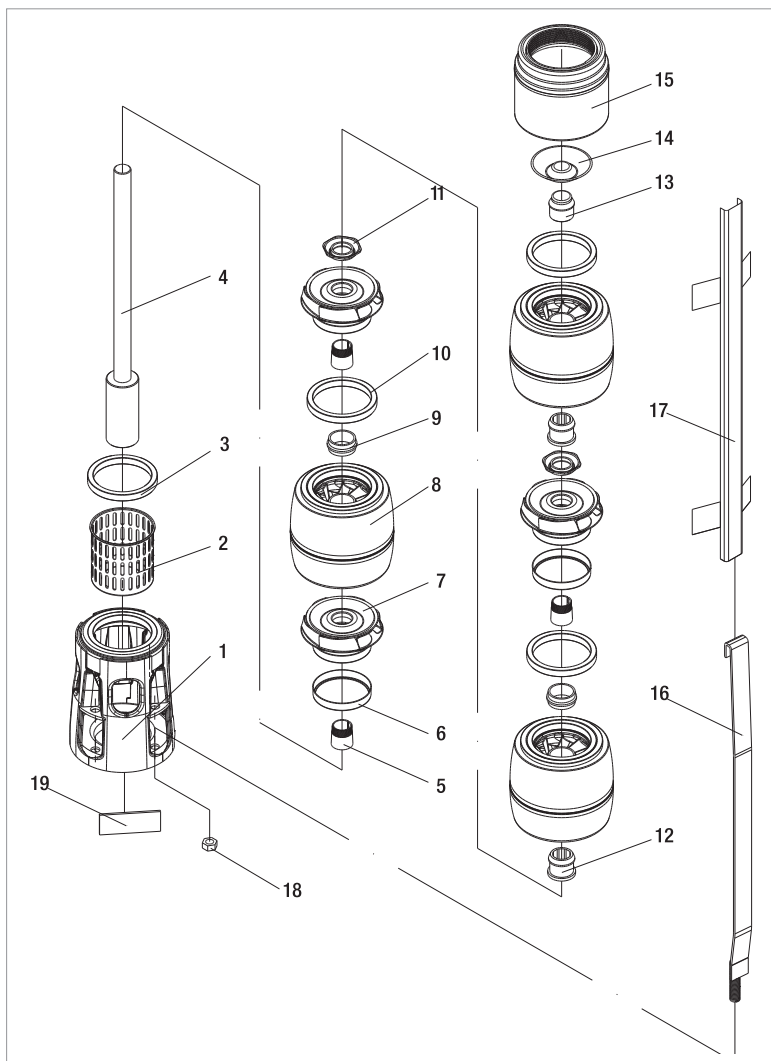
For inverter application refer to the detailed motor specification.

ON REQUEST:

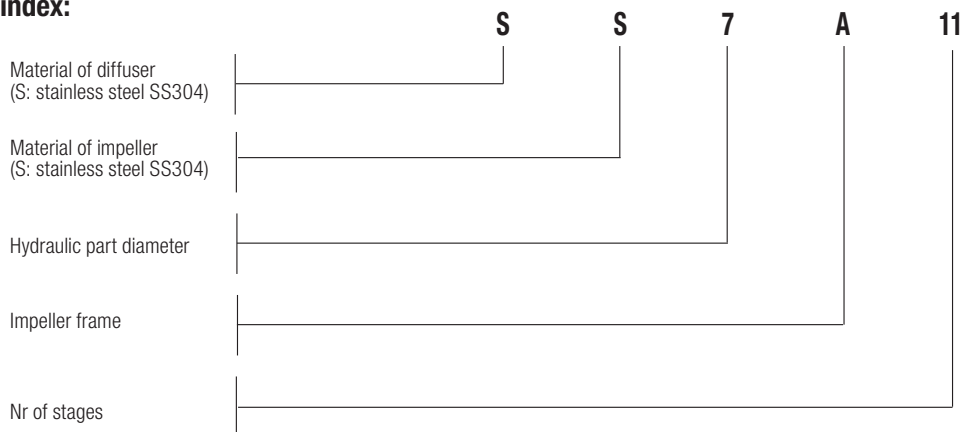
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

MATERIALS

| N° | Part Name | Material |
|----|------------------------|-----------------------------|
| 1 | Suction Case | Stainless Steel (AISI 304L) |
| 2 | Filter | Stainless Steel (AISI 304L) |
| 3 | Suction Case Wear Ring | Bronze (ASTM B145-4A) |
| 4 | Pump Shaft | Stainless Steel (AISI 420) |
| 5 | Collet | Stainless Steel |
| 6 | Impeller Wear Ring | STAINLESS STEEL (AISI 304) |
| 7 | Impeller | Stainless Steel (AISI 304L) |
| 8 | Diffuser | Stainless Steel (AISI 304L) |
| 9 | Rubber Bearing | Rubber |
| 10 | Diffuser Wear Ring | Rubber |
| 11 | Nut for Stop Ring | Stainless Steel (AISI 304L) |
| 12 | Bearing | Rubber |
| 13 | Shaft Stopper | Bronze (ASTM B145-4A) |
| 14 | Valve | Stainless Steel (AISI 304) |
| 15 | Discharge Case | Stainless Steel (AISI 304) |
| 16 | TIE ROD | STAINLESS STEEL (AISI 304L) |
| 17 | CABLE GUARD | STAINLESS STEEL (AISI 304) |
| 18 | TIR ROD NUT | STAINLESS STEEL (AISI 303) |
| 19 | NAME PLATE | STAINLESS STEEL (AISI 304) |



- Denomination index:
(EXAMPLE)



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|-----|--------------------|-----|-------|-----|-------|-------|------|--------|--------|------|--------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | |
| | kW | HP | Q=l/min | 0 | 333,3 | 500 | 666,6 | 833,3 | 1000 | 1166,6 | 1333,3 | 1500 | 1666,6 | |
| SS7A 01 | 4 | 5,5 | H (mt) | 19 | 19 | 18 | 17 | 16 | 15 | 14 | 12 | 11 | 8 | 6" |
| SS7A 02 | 7,5 | 10 | | 38 | 37 | 36 | 34 | 32 | 30 | 28 | 25 | 21 | 17 | 6" |
| SS7A 03 | 11 | 15 | | 58 | 56 | 54 | 51 | 49 | 45 | 42 | 37 | 32 | 25 | 6" |
| SS7A 04 | 15 | 20 | | 77 | 74 | 72 | 69 | 65 | 61 | 56 | 50 | 42 | 33 | 6" |
| SS7A 05 | 18,5 | 25 | | 96 | 93 | 90 | 86 | 81 | 76 | 69 | 62 | 53 | 41 | 6" |
| SS7A 06 | 22 | 30 | | 115 | 111 | 108 | 103 | 97 | 91 | 83 | 74 | 63 | 50 | 6" |
| SS7A 07 | 26 | 35 | | 135 | 130 | 126 | 120 | 114 | 106 | 97 | 87 | 74 | 58 | 6" |
| SS7A 08 | 30 | 40 | | 154 | 149 | 144 | 137 | 130 | 121 | 111 | 99 | 84 | 66 | 6" |
| SS7A 09 | 37 | 50 | | 173 | 167 | 161 | 154 | 146 | 136 | 125 | 111 | 95 | 75 | 6" |
| SS7A 10 | 37 | 50 | | 192 | 186 | 179 | 172 | 162 | 152 | 139 | 124 | 105 | 83 | 6" |
| SS7A 11 | 45 | 60 | | 211 | 204 | 197 | 189 | 179 | 167 | 153 | 136 | 116 | 91 | 8" |
| SS7A 12 | 45 | 60 | | 231 | 223 | 215 | 206 | 195 | 182 | 167 | 149 | 127 | 99 | 8" |
| SS7A 13 | 55 | 75 | | 250 | 241 | 233 | 223 | 211 | 197 | 181 | 161 | 137 | 108 | 8" |
| SS7A 14 | 55 | 75 | | 269 | 260 | 251 | 240 | 227 | 212 | 195 | 173 | 148 | 116 | 8" |
| SS7A 15 | 55 | 75 | | 288 | 278 | 269 | 257 | 244 | 227 | 208 | 186 | 158 | 124 | 8" |
| SS7A 16 | 63 | 85 | | 307 | 297 | 287 | 275 | 260 | 243 | 222 | 198 | 169 | 133 | 8" |
| SS7A 17 | 75 | 100 | | 327 | 316 | 305 | 292 | 276 | 258 | 236 | 210 | 179 | 141 | 8" |
| SS7A 18 | 75 | 100 | | 346 | 334 | 323 | 309 | 292 | 273 | 250 | 223 | 190 | 149 | 8" |
| SS7A 19 | 75 | 100 | | 365 | 353 | 341 | 326 | 309 | 288 | 264 | 235 | 200 | 158 | 8" |
| SS7A 20 | 75 | 100 | | 384 | 371 | 359 | 343 | 325 | 303 | 278 | 248 | 211 | 166 | 8" |
| SS7A 21 | 75 | 100 | | 404 | 390 | 377 | 360 | 341 | 318 | 292 | 260 | 221 | 174 | 8" |
| SS7A 22 | 92 | 125 | | 423 | 408 | 395 | 378 | 357 | 334 | 306 | 272 | 232 | 182 | 8" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|-----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS7A 01 | 6GF | 4 | 5,5 | 10,6 | ● | ● | 1171 | 600 | 571 | 141 | 172 | 65,4 |
| SS7A 02 | 6GF | 7,5 | 10 | 18 | ● | ● | 1359 | 660 | 699 | 141 | 172 | 75,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1536 | 837 | 699 | 144 | 172 | 83 |
| SS7A 03 | 6GF | 11 | 15 | 25,5 | ● | ● | 1557 | 730 | 827 | 141 | 172 | 87 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 1724 | 897 | 827 | 144 | 172 | 94 |
| SS7A 04 | 6GF | 15 | 20 | 33,4 | ● | ● | 1740 | 785 | 955 | 141 | 172 | 97 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 1952 | 997 | 955 | 144 | 172 | 115 |
| SS7A 05 | 6GF | 18,5 | 25 | 41 | ● | ● | 1943 | 860 | 1083 | 141 | 172 | 109 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 2140 | 1057 | 1083 | 144 | 172 | 125 |
| SS7A 06 | 6GF | 22 | 30 | 47 | ● | ● | 2131 | 920 | 1211 | 141 | 172 | 116,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2298 | 1087 | 1211 | 144 | 172 | 141 |
| SS7A 07 | 6GF | 30 | 40 | 61,5 | ● | ● | 2389 | 1050 | 1339 | 141 | 172 | 136,8 |
| | TR6 | 26 | 35 | 58 | ○ | ● | 2496 | 1157 | 1339 | 144 | 172 | 155 |
| SS7A 08 | 6GF | 30 | 40 | 61,5 | ● | ● | 2517 | 1050 | 1467 | 141 | 172 | 140,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 2679 | 1212 | 1467 | 144 | 172 | 164 |
| SS7A 09 | 6GF | 37 | 50 | 79,3 | ● | ● | 2775 | 1180 | 1595 | 141 | 172 | 156,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2907 | 1312 | 1595 | 144 | 172 | 178 |
| SS7A 10 | 6GF | 37 | 50 | 79,9 | ● | ● | 2903 | 1180 | 1723 | 141 | 172 | 160,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 3035 | 1312 | 1723 | 144 | 172 | 182 |
| SS7A 11 | TR8 | 45 | 60 | 92 | ○ | ● | 3121 | 1270 | 1851 | 192 | 172 | 243 |
| SS7A 12 | TR8 | 45 | 60 | 92 | ○ | ● | 3249 | 1270 | 1979 | 192 | 172 | 247 |
| SS7A 13 | TR8 | 55 | 75 | 109 | ○ | ● | 3457 | 1350 | 2107 | 192 | 172 | 266 |
| SS7A 14 | TR8 | 55 | 75 | 109 | ○ | ● | 3585 | 1350 | 2235 | 192 | 172 | 270 |
| SS7A 15 | TR8 | 55 | 75 | 109 | ○ | ● | 3713 | 1350 | 2363 | 192 | 172 | 274 |
| SS7A 16 | TR8 | 63 | 85 | 126 | ○ | ● | 3981 | 1490 | 2491 | 192 | 172 | 304 |
| SS7A 17 | TR8 | 75 | 100 | 145 | ○ | ● | 4209 | 1590 | 2619 | 192 | 172 | 326 |
| SS7A 18 | TR8 | 75 | 100 | 145 | ○ | ● | 4337 | 1590 | 2747 | 192 | 172 | 330 |
| SS7A 19 | TR8 | 75 | 100 | 145 | ○ | ● | 4465 | 1590 | 2875 | 192 | 172 | 334 |
| SS7A 20 | TR8 | 75 | 100 | 145 | ○ | ● | 4593 | 1590 | 3003 | 192 | 172 | 338 |
| SS7A 21 | TR8 | 75 | 100 | 145 | ○ | ● | 4721 | 1590 | 3131 | 192 | 172 | 342 |
| SS7A 22 | TR8 | 92 | 125 | 177 | ○ | ● | 5089 | 1830 | 3259 | 192 | 172 | 392 |

* Motor 6GF: 6" canned submersible motors.

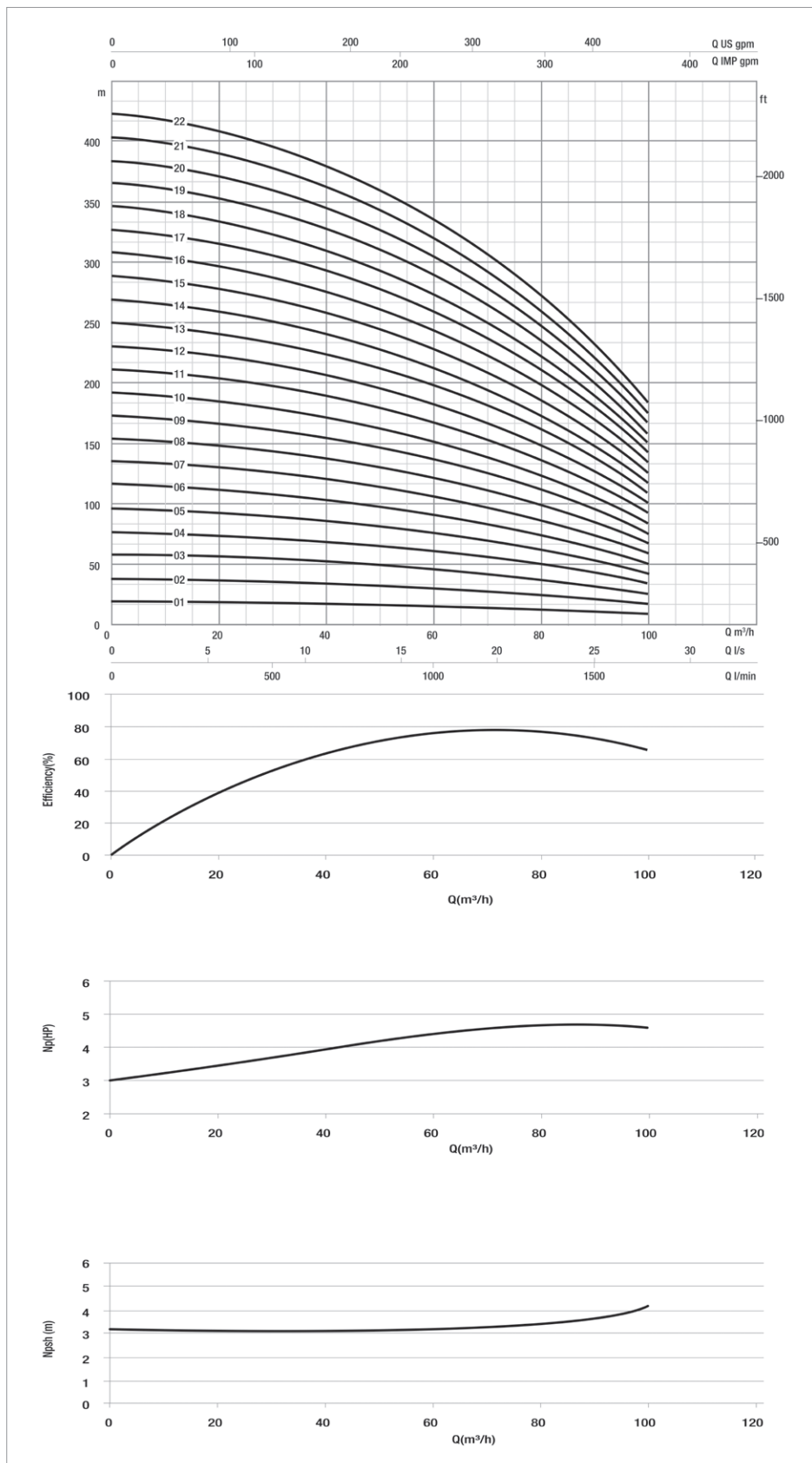
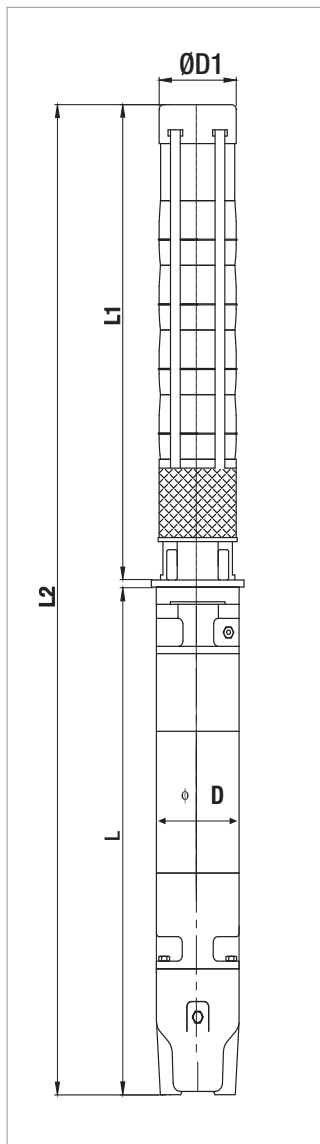
Motor TR: 6"-8" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS7A

SUBMERSIBLE ELECTRIC PUMPS 7"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|-----|--------------------|-----|-------|-------|-------|------|--------|--------|------|--------|--------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 20 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 115 | |
| | kW | HP | Q=l/min | 0 | 333,3 | 666,6 | 833,3 | 1000 | 1166,6 | 1333,3 | 1500 | 1666,6 | 1916,6 | |
| SS7B 01 | 5,5 | 7,5 | H (m) | 21 | 21 | 20 | 20 | 19 | 18 | 17 | 16 | 14 | 11 | 6" |
| SS7B 02 | 11 | 15 | | 43 | 43 | 41 | 39 | 38 | 36 | 34 | 32 | 28 | 21 | 6" |
| SS7B 03 | 15 | 20 | | 64 | 64 | 61 | 59 | 56 | 54 | 51 | 47 | 43 | 32 | 6" |
| SS7B 04 | 22 | 30 | | 85 | 86 | 81 | 78 | 75 | 72 | 68 | 63 | 57 | 43 | 6" |
| SS7B 05 | 30 | 40 | | 106 | 107 | 101 | 98 | 94 | 90 | 85 | 79 | 71 | 54 | 6" |
| SS7B 06 | 37 | 50 | | 128 | 128 | 122 | 117 | 113 | 108 | 102 | 95 | 85 | 64 | 6" |
| SS7B 07 | 37 | 50 | | 149 | 150 | 142 | 137 | 132 | 126 | 119 | 111 | 100 | 75 | 6" |
| SS7B 08 | 45 | 60 | | 170 | 171 | 162 | 156 | 150 | 144 | 136 | 126 | 114 | 86 | 8" |
| SS7B 09 | 45 | 60 | | 192 | 193 | 183 | 176 | 169 | 162 | 153 | 142 | 128 | 96 | 8" |
| SS7B 10 | 55 | 75 | | 213 | 214 | 203 | 196 | 188 | 180 | 170 | 158 | 142 | 107 | 8" |
| SS7B 11 | 63 | 85 | | 234 | 235 | 223 | 215 | 207 | 197 | 187 | 174 | 157 | 118 | 8" |
| SS7B 12 | 75 | 100 | | 256 | 257 | 243 | 235 | 225 | 215 | 204 | 190 | 171 | 128 | 8" |
| SS7B 13 | 75 | 100 | | 277 | 278 | 264 | 254 | 244 | 233 | 221 | 206 | 185 | 139 | 8" |
| SS7B 14 | 75 | 100 | | 298 | 300 | 284 | 274 | 263 | 251 | 238 | 221 | 199 | 150 | 8" |
| SS7B 15 | 92 | 125 | | 319 | 321 | 304 | 293 | 282 | 269 | 255 | 237 | 214 | 161 | 8" |
| SS7B 16 | 92 | 125 | | 341 | 342 | 325 | 313 | 301 | 287 | 272 | 253 | 228 | 171 | 8" |
| SS7B 17 | 92 | 125 | | 362 | 364 | 345 | 332 | 319 | 305 | 289 | 269 | 242 | 182 | 8" |
| SS7B 18 | 110 | 150 | | 383 | 385 | 365 | 352 | 338 | 323 | 306 | 285 | 256 | 193 | 8" |
| SS7B 19 | 110 | 150 | | 405 | 407 | 385 | 372 | 357 | 341 | 323 | 300 | 271 | 203 | 8" |
| SS7B 20 | 110 | 150 | | 426 | 428 | 406 | 391 | 376 | 359 | 340 | 316 | 285 | 214 | 8" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|-----|---------|--------------------------|----------------------------|----------|---------|----------|---------|----------|-----------------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS7B 01 | 6GF | 5,5 | 7,5 | 14 | ● | ● | 1202 | 631 | 571 | 141 | 172 | 68,6 |
| | TR6 | 5,5 | 7,5 | 13 | ○ | ● | 1378 | 807 | 571 | 144 | 172 | 76 |
| SS7B 02 | 6GF | 11 | 15 | 25,5 | ● | ● | 1429 | 730 | 699 | 141 | 172 | 81,8 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 1596 | 897 | 699 | 144 | 172 | 90 |
| SS7B 03 | 6GF | 15 | 20 | 33,4 | ● | ● | 1612 | 785 | 827 | 141 | 172 | 93 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 1824 | 997 | 827 | 144 | 172 | 111 |
| SS7B 04 | 6GF | 22 | 30 | 47 | ● | ● | 1875 | 920 | 955 | 141 | 172 | 108,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2042 | 1087 | 955 | 144 | 172 | 133 |
| SS7B 05 | 6GF | 30 | 40 | 61,5 | ● | ● | 2133 | 1050 | 1083 | 141 | 172 | 128,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 2295 | 1212 | 1083 | 144 | 172 | 152 |
| SS7B 06 | 6GF | 37 | 50 | 79,3 | ● | ● | 2391 | 1180 | 1211 | 141 | 172 | 144,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2523 | 1312 | 1211 | 144 | 172 | 166 |
| SS7B 07 | 6GF | 37 | 50 | 79,3 | ● | ● | 2519 | 1180 | 1339 | 141 | 172 | 148,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2651 | 1312 | 1339 | 144 | 172 | 170 |
| SS7B 08 | TR8 | 45 | 60 | 92 | ○ | ● | 2737 | 1270 | 1467 | 192 | 172 | 231 |
| SS7B 09 | TR8 | 45 | 60 | 92 | ○ | ● | 2865 | 1270 | 1595 | 192 | 172 | 235 |
| SS7B 10 | TR8 | 55 | 75 | 109 | ○ | ● | 3073 | 1350 | 1723 | 192 | 172 | 254 |
| SS7B 11 | TR8 | 63 | 85 | 126 | ○ | ● | 3341 | 1490 | 1851 | 192 | 172 | 284 |
| SS7B 12 | TR8 | 75 | 100 | 145 | ○ | ● | 3569 | 1590 | 1979 | 192 | 172 | 307 |
| SS7B 13 | TR8 | 75 | 100 | 145 | ○ | ● | 3697 | 1590 | 2107 | 192 | 172 | 311 |
| SS7B 14 | TR8 | 75 | 100 | 145 | ○ | ● | 3825 | 1590 | 2235 | 192 | 172 | 315 |
| SS7B 15 | TR8 | 92 | 125 | 177 | ○ | ● | 4193 | 1830 | 2363 | 192 | 172 | 365 |
| SS7B 16 | TR8 | 92 | 125 | 177 | ○ | ● | 4321 | 1830 | 2491 | 192 | 172 | 369 |
| SS7B 17 | TR8 | 92 | 125 | 177 | ○ | ● | 4449 | 1830 | 2619 | 192 | 172 | 373 |
| SS7B 18 | TR8 | 110 | 150 | 213 | ○ | ● | 4807 | 2060 | 2747 | 192 | 172 | 427 |
| SS7B 19 | TR8 | 110 | 150 | 213 | ○ | ● | 4935 | 2060 | 2875 | 192 | 172 | 431 |
| SS7B 20 | TR8 | 110 | 150 | 213 | ○ | ● | 5063 | 2060 | 3003 | 192 | 172 | 435 |

* Motor 6GF: 6" canned submersible motors.

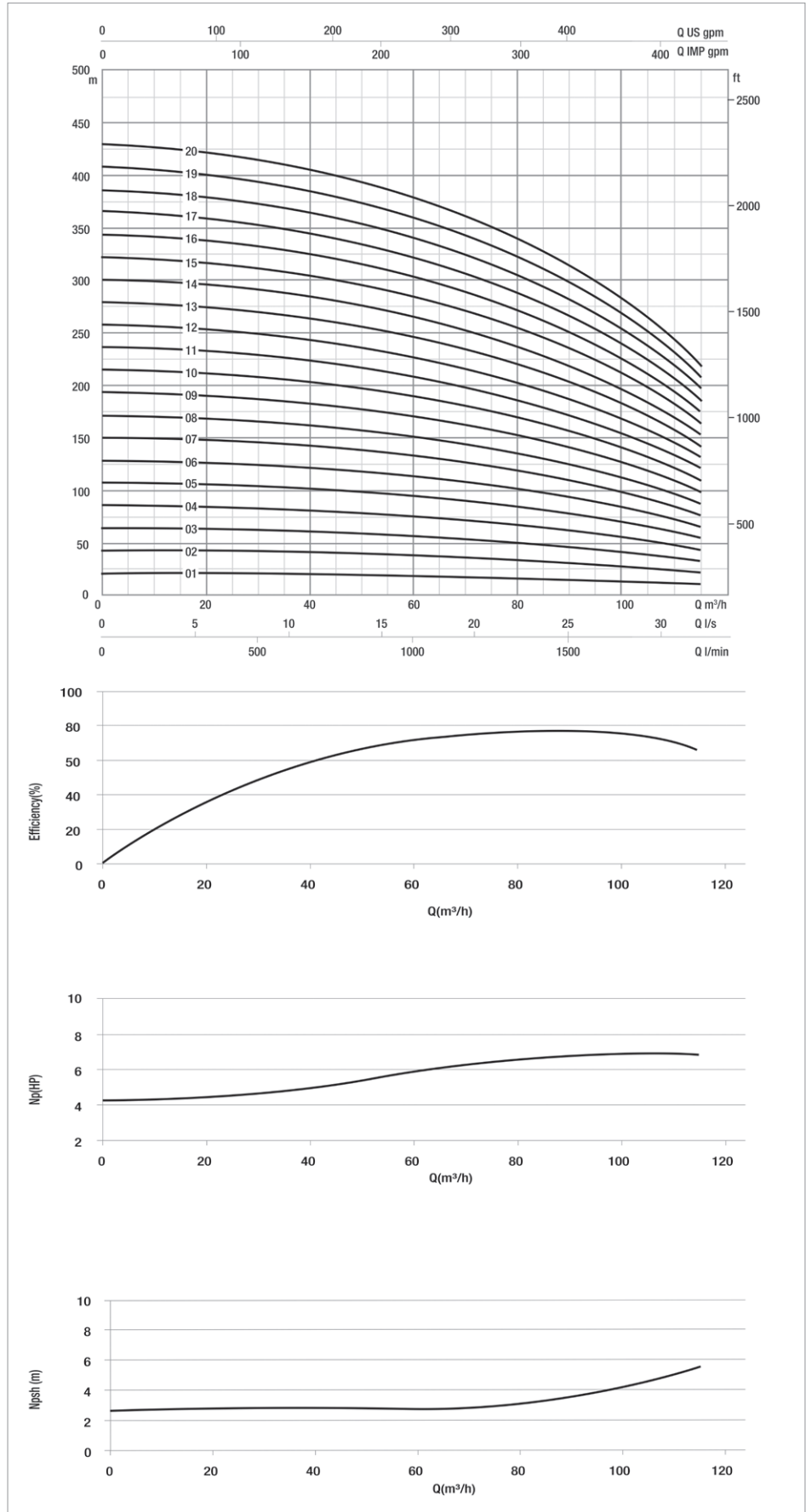
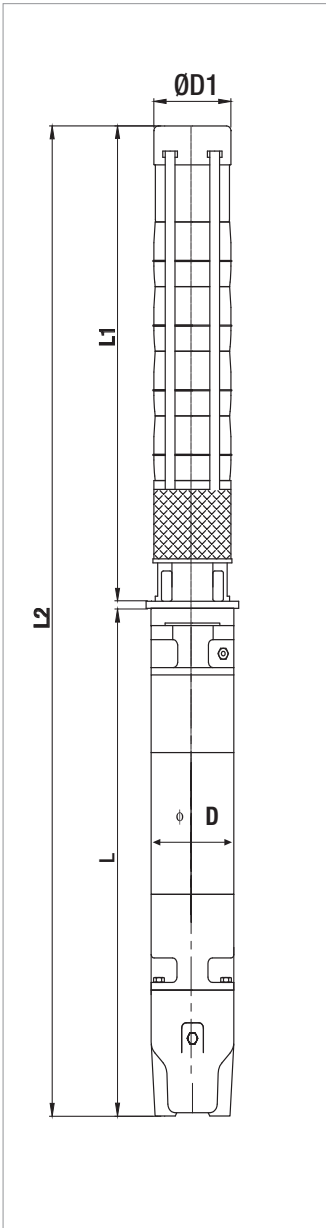
Motor TR: 6"-8" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS7B

SUBMERSIBLE ELECTRIC PUMPS 7"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.





TECHNICAL DATA

Performance range: flow up to 210 m³/h and max head of 555 m

Max. quantity of sand/silt: 50g/m³

Max. ambient temperature: 30°C (50°C available on request)

Outlet connection diameter (inside threaded): 6"

Nr of starts: refer to the motor specification

Motor Cooling flow: refer to the motor specification

Installation: horizontal or vertical, refer to the motor specification

APPLICATIONS

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.

These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.

These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.

Special version of motors with PE2+PA windings can be used on request for high-temperature water applications up to maximum 50°C.

Pumps can be installed both vertically and horizontally simply by removing the non-return valve and adding a cooling sleeve to the suction case (the only remark is to check the motor applicability to horizontal operations, refer to the motor specifications section).

CONSTRUCTION FEATURES OF PUMP

Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.

The impellers are balanced and locked to the shaft with a specially shaped collet and nut coupling, in order to guarantee ease-to-assembly feature and avoid vibration sensitive malfunctions and noise increase during rotation.

Rubber bearings that drive the shaft are water lubricated and have sand channels to make enable the sand particles leave the pump with the pumped liquid (maximum permissible sand content 50 gr/m³).

Built-in non returned valve provided in order to minimize local friction losses.

Stainless steel strainer provided in order to prevent particles over a certain size from entering the pump.

Coupling with 6", 8" or 10" motor depending on the power requested by hydraulic part:

- 6GF: 6" canned submersible motor
- TR6: 6" rewindable submersible motor
- TR8: 8" rewindable submersible motor
- TR10: 10" rewindable submersible motor

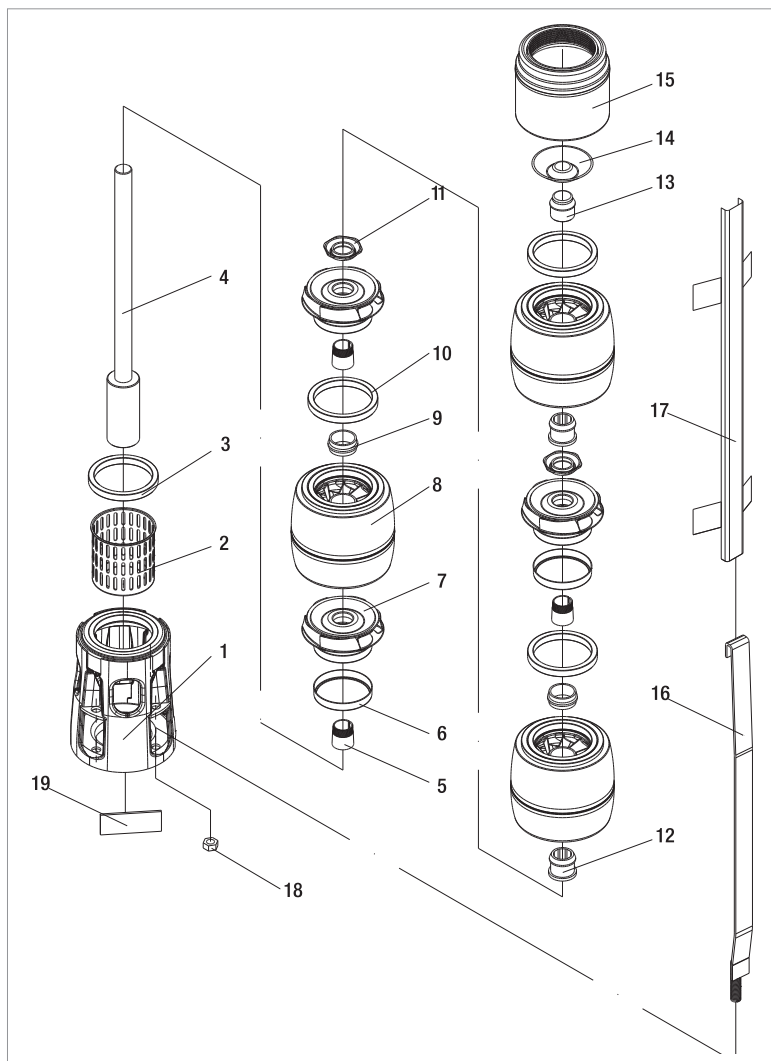
For inverter application refer to the detailed motor specification.

ON REQUEST:

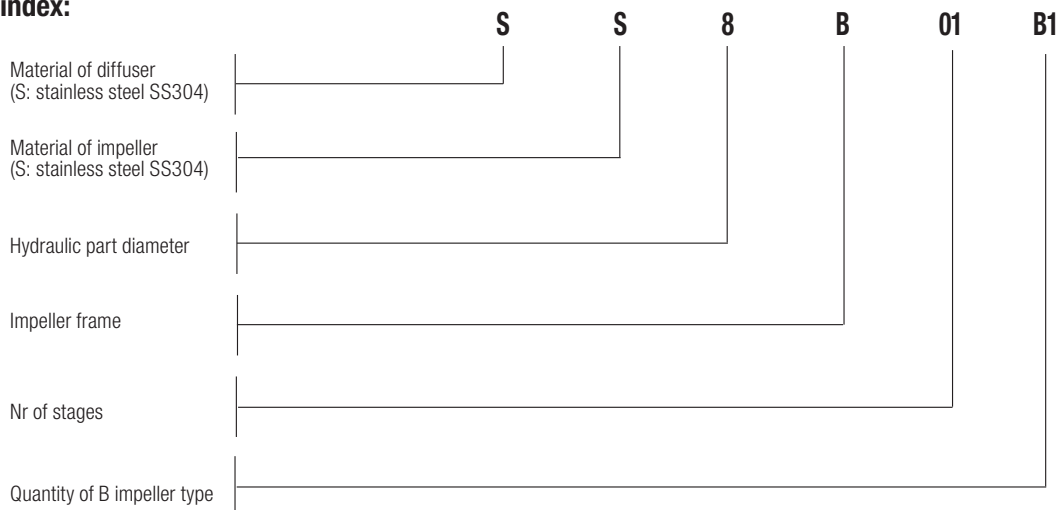
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

MATERIALS

| N° | Part Name | Material |
|----|------------------------|-----------------------------|
| 1 | Suction Case | Stainless Steel (AISI 304L) |
| 2 | Filter | Stainless Steel (AISI 304L) |
| 3 | Suction Case Wear Ring | Bronze (ASTM B145-4A) |
| 4 | Pump Shaft | Stainless Steel (AISI 420) |
| 5 | Collet | Stainless Steel |
| 6 | Impeller Wear Ring | STAINLESS STEEL (AISI 304) |
| 7 | Impeller | Stainless Steel (AISI 304L) |
| 8 | Diffuser | Stainless Steel (AISI 304L) |
| 9 | Rubber Bearing | Rubber |
| 10 | Diffuser Wear Ring | Rubber |
| 11 | Nut for Stop Ring | Stainless Steel (AISI 304L) |
| 12 | Bearing | Rubber |
| 13 | Shaft Stopper | Bronze (ASTM B145-4A) |
| 14 | Valve | Stainless Steel (AISI 304) |
| 15 | Discharge Case | Stainless Steel (AISI 304) |
| 16 | TIE ROD | STAINLESS STEEL (AISI 304L) |
| 17 | CABLE GUARD | STAINLESS STEEL (AISI 304) |
| 18 | TIR ROD NUT | STAINLESS STEEL (AISI 303) |
| 19 | NAME PLATE | STAINLESS STEEL (AISI 304) |



- Denomination index:
(EXAMPLE)



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|---------|-----------------|-----|---------------------|-----|-----|--------|--------|------|--------|--------|------|--------|--------|-------------------------|
| | P2 NOMINAL | | Q=m ³ /h | 0 | 30 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | |
| | kW | HP | Q=l/min | 0 | 500 | 1166,6 | 1333,3 | 1500 | 1666,6 | 1833,3 | 2000 | 2166,6 | 2333,3 | |
| SS8A 01 | 7,5 | 10 | H (m) | 28 | 26 | 23 | 22 | 21 | 20 | 18 | 16 | 15 | 12 | 6" |
| SS8A 02 | 15 | 20 | | 56 | 52 | 46 | 44 | 42 | 39 | 36 | 33 | 29 | 24 | 6" |
| SS8A 03 | 22 | 30 | | 83 | 78 | 69 | 66 | 63 | 59 | 54 | 49 | 44 | 37 | 6" |
| SS8A 04 | 30 | 40 | | 111 | 104 | 91 | 88 | 83 | 78 | 73 | 66 | 58 | 49 | 6" |
| SS8A 05 | 37 | 50 | | 139 | 129 | 114 | 110 | 104 | 98 | 91 | 82 | 73 | 61 | 6" |
| SS8A 06 | 45 | 60 | | 167 | 155 | 137 | 131 | 125 | 118 | 109 | 99 | 87 | 73 | 8" |
| SS8A 07 | 55 | 75 | | 194 | 181 | 160 | 153 | 146 | 137 | 127 | 115 | 102 | 86 | 8" |
| SS8A 08 | 63 | 85 | | 222 | 207 | 183 | 175 | 167 | 157 | 145 | 132 | 116 | 98 | 8" |
| SS8A 09 | 75 | 100 | | 250 | 233 | 206 | 197 | 188 | 176 | 163 | 148 | 131 | 110 | 8" |
| SS8A 10 | 75 | 100 | | 278 | 259 | 229 | 219 | 208 | 196 | 182 | 165 | 145 | 122 | 8" |
| SS8A 11 | 92 | 125 | | 305 | 285 | 252 | 241 | 229 | 216 | 200 | 181 | 160 | 135 | 8" |
| SS8A 12 | 92 | 125 | | 333 | 311 | 274 | 263 | 250 | 235 | 218 | 198 | 174 | 147 | 8" |
| SS8A 13 | 92 | 125 | | 361 | 337 | 297 | 285 | 271 | 255 | 236 | 214 | 189 | 159 | 8" |
| SS8A 14 | 110 | 150 | | 389 | 362 | 320 | 307 | 292 | 274 | 254 | 231 | 203 | 171 | 8" |
| SS8A 15 | 110 | 150 | | 416 | 388 | 343 | 329 | 313 | 294 | 272 | 247 | 218 | 184 | 8" |
| SS8A 16 | 132 | 180 | | 444 | 414 | 366 | 351 | 333 | 313 | 290 | 264 | 232 | 196 | 10" |
| SS8A 17 | 132 | 180 | | 472 | 440 | 389 | 373 | 354 | 333 | 309 | 280 | 247 | 208 | 10" |
| SS8A 18 | 132 | 180 | | 500 | 466 | 412 | 394 | 375 | 353 | 327 | 297 | 262 | 220 | 10" |
| SS8A 19 | 147 | 200 | | 527 | 492 | 435 | 416 | 396 | 372 | 345 | 313 | 276 | 233 | 10" |
| SS8A 20 | 147 | 200 | | 555 | 518 | 457 | 438 | 417 | 392 | 363 | 330 | 291 | 245 | 10" |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|---------|---------|-----------------|-----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS8A 01 | 6GF | 7,5 | 10 | 18 | ● | ● | 1346 | 660 | 686 | 141 | 213 | 77,2 |
| | TR6 | 7,5 | 10 | 18 | ○ | ● | 1523 | 837 | 686 | 144 | 213 | 85 |
| SS8A 02 | 6GF | 15 | 20 | 33,4 | ● | ● | 1627 | 785 | 842 | 141 | 213 | 97 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 1839 | 997 | 842 | 144 | 213 | 115 |
| SS8A 03 | 6GF | 22 | 30 | 47 | ● | ● | 1917 | 920 | 997 | 141 | 213 | 115,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 2084 | 1087 | 997 | 144 | 213 | 140 |
| SS8A 04 | 6GF | 30 | 40 | 61,5 | ● | ● | 2203 | 1050 | 1153 | 141 | 213 | 137,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 2365 | 1212 | 1153 | 144 | 213 | 161 |
| SS8A 05 | 6GF | 37 | 50 | 79,3 | ● | ● | 2489 | 1180 | 1309 | 141 | 213 | 155,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2621 | 1312 | 1309 | 144 | 213 | 177 |
| SS8A 06 | TR8 | 45 | 60 | 92 | ○ | ● | 2735 | 1270 | 1465 | 192 | 213 | 241 |
| SS8A 07 | TR8 | 55 | 75 | 109 | ○ | ● | 2970 | 1350 | 1620 | 192 | 213 | 262 |
| SS8A 08 | TR8 | 63 | 85 | 126 | ○ | ● | 3266 | 1490 | 1776 | 192 | 213 | 294 |
| SS8A 09 | TR8 | 75 | 100 | 145 | ○ | ● | 3522 | 1590 | 1932 | 192 | 213 | 320 |
| SS8A 10 | TR8 | 75 | 100 | 145 | ○ | ● | 3677 | 1590 | 2087 | 192 | 213 | 326 |
| SS8A 11 | TR8 | 92 | 125 | 177 | ○ | ● | 4073 | 1830 | 2243 | 192 | 213 | 378 |
| SS8A 12 | TR8 | 92 | 125 | 177 | ○ | ● | 4229 | 1830 | 2399 | 192 | 213 | 384 |
| SS8A 13 | TR8 | 92 | 125 | 177 | ○ | ● | 4384 | 1830 | 2554 | 192 | 213 | 391 |
| SS8A 14 | TR8 | 110 | 150 | 213 | ○ | ● | 4770 | 2060 | 2710 | 192 | 213 | 447 |
| SS8A 15 | TR8 | 110 | 150 | 213 | ○ | ● | 4926 | 2060 | 2866 | 192 | 213 | 453 |
| SS8A 16 | TR10 | 132 | 180 | 257 | ○ | ● | 4892 | 1870 | 3022 | 232 | 213 | 562 |
| SS8A 17 | TR10 | 132 | 180 | 257 | ○ | ● | 5047 | 1870 | 3177 | 232 | 213 | 568 |
| SS8A 18 | TR10 | 132 | 180 | 257 | ○ | ● | 5203 | 1870 | 3333 | 232 | 213 | 574 |
| SS8A 19 | TR10 | 147 | 200 | 300 | ○ | ● | 5559 | 2070 | 3489 | 232 | 213 | 645 |
| SS8A 20 | TR10 | 147 | 200 | 300 | ○ | ● | 5714 | 2070 | 3644 | 232 | 213 | 652 |

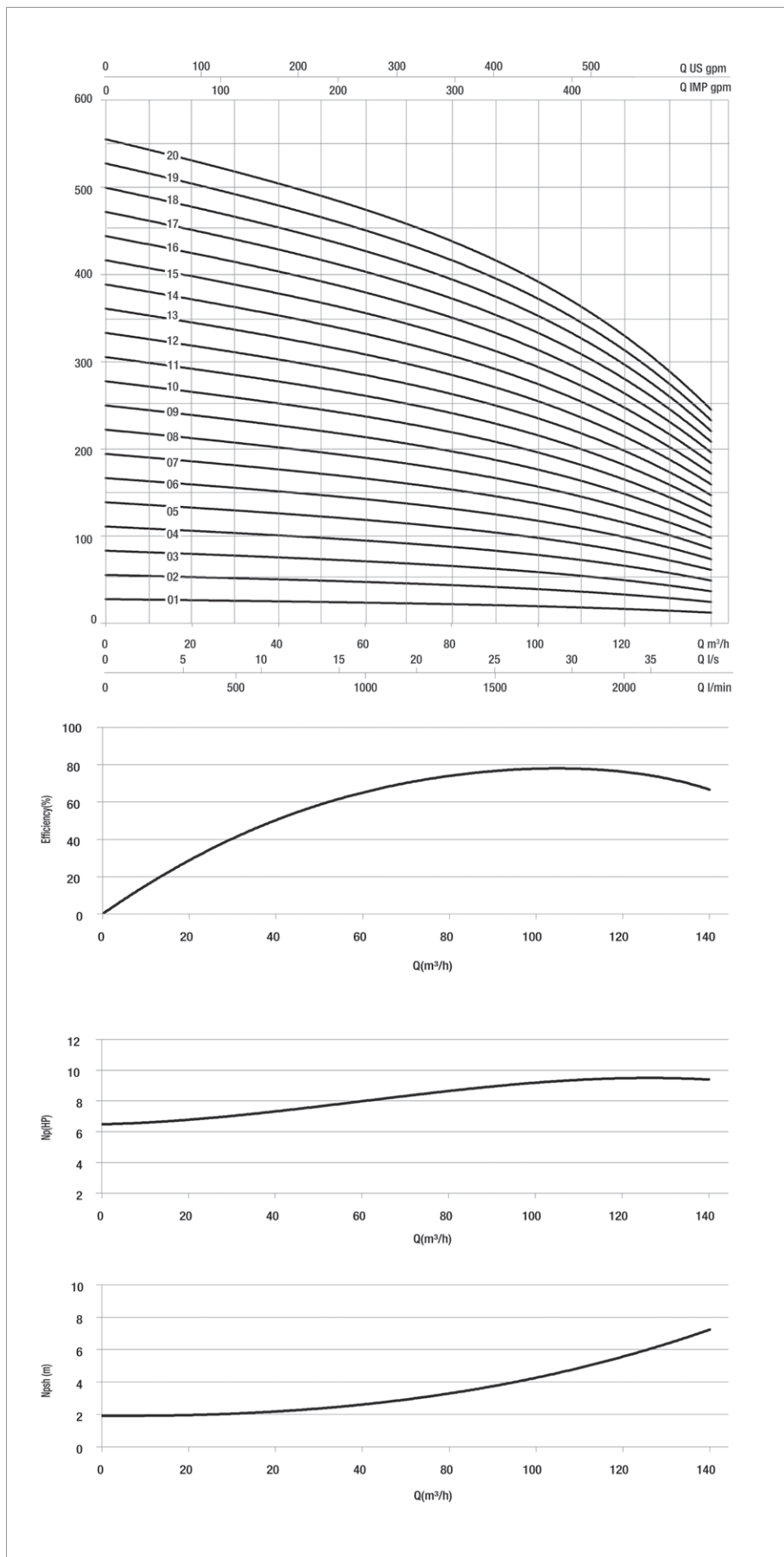
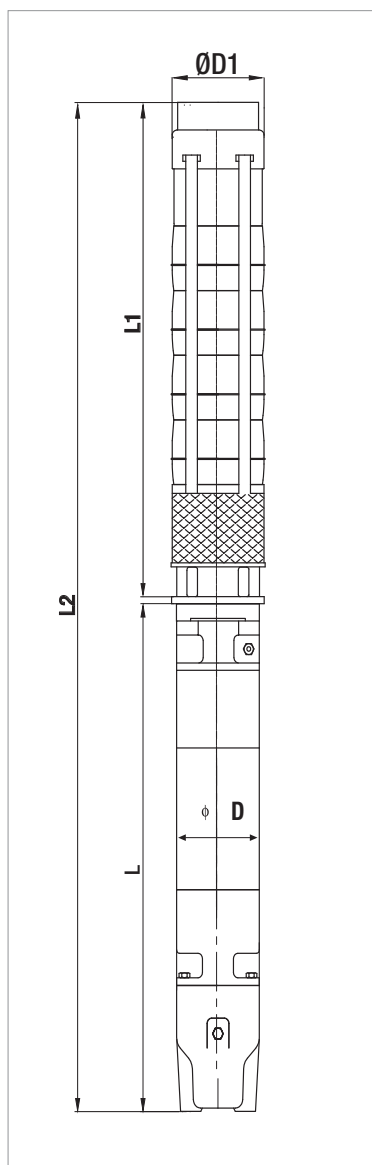
* **Motor 6GF:** 6" canned submersible motors.
Motor TR: 6"-10" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS8A

SUBMERSIBLE ELECTRIC PUMPS 8"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | Q=m ³ h Q=l/min | HYDRAULIC DATA | | | | | | | | | | STANDARD MOTOR COUPLING |
|------------|-----------------|------|-------------------------------|----------------|-------|--------|------|------|--------|--------|------|--------|--------|-------------------------|
| | P2 NOMINAL | | | 0 | 40 | 70 | 90 | 120 | 130 | 140 | 150 | 160 | 170 | |
| | kW | HP | | 0 | 666,6 | 1166,6 | 1500 | 2000 | 2166,6 | 2333,3 | 2500 | 2666,6 | 2833,3 | |
| SS8B 01.B1 | 9,3 | 12,5 | H (m) | 27 | 25 | 23 | 22 | 19 | 18 | 17 | 16 | 14 | 12 | 6" |
| SS8B 01 | 11 | 15 | | 33 | 31 | 28 | 27 | 24 | 23 | 21 | 19 | 17 | 14 | 6" |
| SS8B 02.B2 | 18,5 | 25 | | 54 | 50 | 46 | 44 | 39 | 37 | 34 | 32 | 28 | 24 | 6" |
| SS8B 02 | 22 | 30 | | 65 | 61 | 57 | 53 | 48 | 45 | 42 | 38 | 34 | 29 | 6" |
| SS8B 03.B3 | 30 | 40 | | 80 | 75 | 70 | 66 | 58 | 55 | 52 | 47 | 42 | 35 | 6" |
| SS8B 03 | 37 | 50 | | 98 | 92 | 85 | 80 | 71 | 68 | 63 | 58 | 51 | 43 | 6" |
| SS8B 04 | 45 | 60 | | 131 | 122 | 113 | 107 | 95 | 90 | 84 | 77 | 68 | 58 | 8" |
| SS8B 05.B3 | 55 | 75 | | 146 | 136 | 126 | 119 | 106 | 100 | 94 | 86 | 76 | 64 | 8" |
| SS8B 05 | 55 | 75 | | 163 | 153 | 142 | 134 | 119 | 113 | 105 | 96 | 85 | 72 | 8" |
| SS8B 06 | 75 | 100 | | 196 | 183 | 170 | 160 | 143 | 135 | 126 | 115 | 102 | 87 | 8" |
| SS8B 07 | 75 | 100 | | 228 | 214 | 198 | 187 | 166 | 158 | 147 | 135 | 119 | 101 | 8" |
| SS8B 08 | 92 | 125 | | 261 | 245 | 227 | 214 | 190 | 180 | 168 | 154 | 136 | 115 | 8" |
| SS8B 09 | 110 | 150 | | 294 | 275 | 255 | 240 | 214 | 203 | 189 | 173 | 153 | 130 | 8" |
| SS8B 10 | 110 | 150 | 326 | 306 | 283 | 267 | 238 | 225 | 210 | 192 | 171 | 144 | 8" | |
| SS8B 11 | 132 | 180 | 359 | 336 | 312 | 294 | 261 | 248 | 231 | 211 | 188 | 159 | 10" | |
| SS8B 12 | 132 | 180 | 392 | 367 | 340 | 320 | 285 | 270 | 252 | 231 | 205 | 173 | 10" | |
| SS8B 13 | 147 | 200 | 424 | 397 | 368 | 347 | 309 | 293 | 273 | 250 | 222 | 187 | 10" | |

ELECTRICAL DATA AND DIMENSIONS

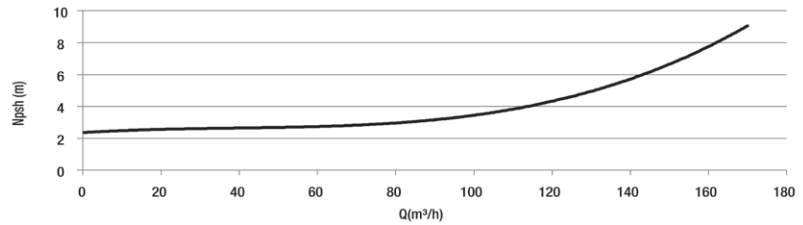
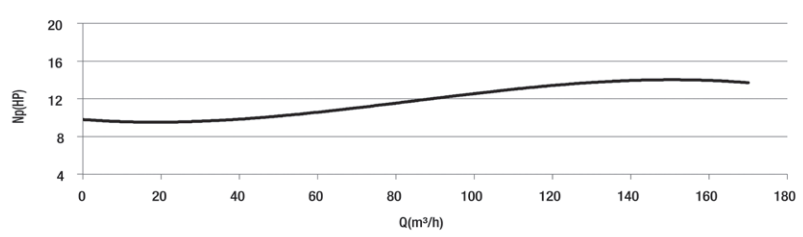
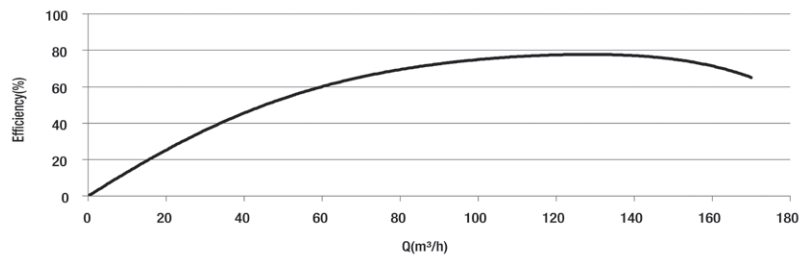
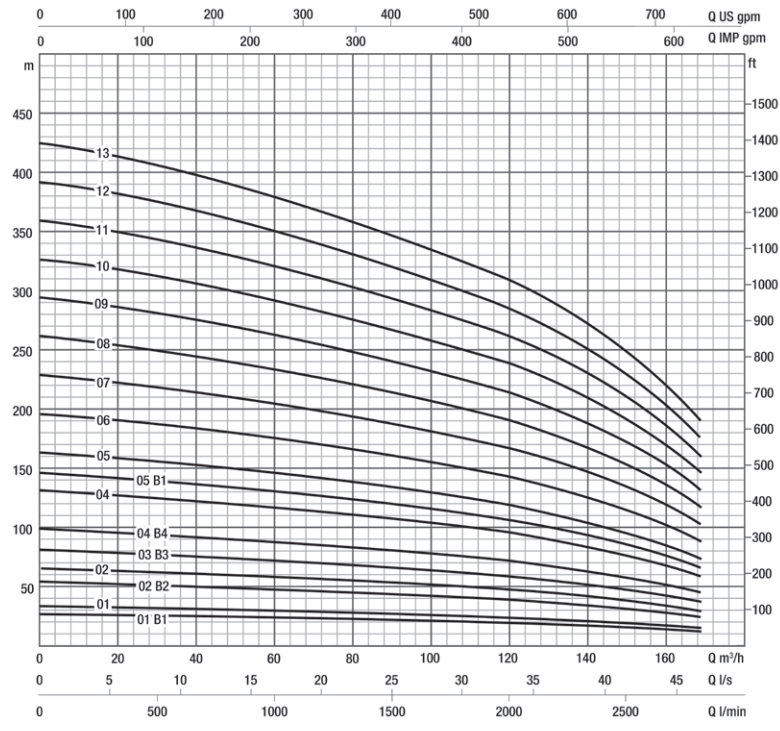
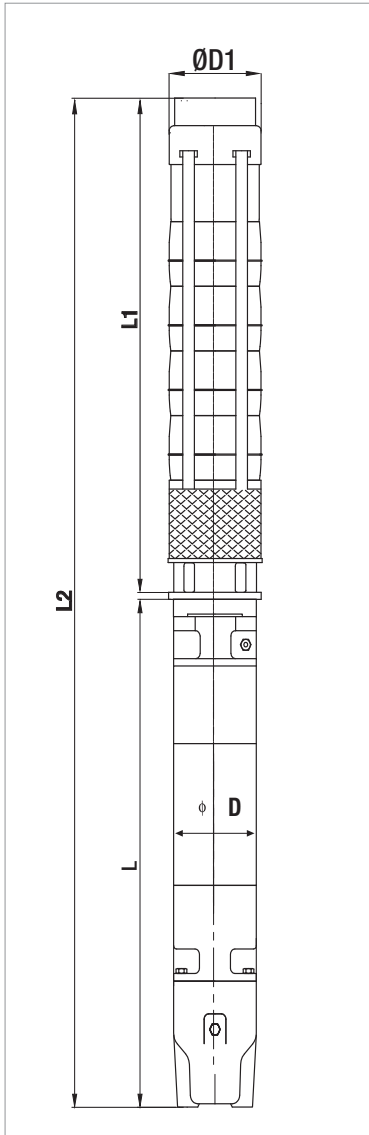
| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|------------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS8B 01.B1 | 6GF | 9,3 | 12,5 | 22 | ● | ● | 1371 | 685 | 686 | 141 | 213 | 80,6 |
| | TR6 | 9,3 | 12,5 | 21 | ○ | ● | 1553 | 867 | 686 | 144 | 213 | 87 |
| SS8B 01 | 6GF | 11 | 15 | 25,5 | ● | ● | 1416 | 730 | 686 | 141 | 213 | 85 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 1583 | 897 | 686 | 144 | 213 | 92 |
| SS8B 02.B2 | 6GF | 18,5 | 25 | 41 | ● | ● | 1702 | 860 | 842 | 141 | 213 | 106 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 1899 | 1057 | 842 | 144 | 213 | 122 |
| SS8B 02 | 6GF | 22 | 30 | 47 | ● | ● | 1762 | 920 | 842 | 141 | 213 | 109,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 1929 | 1087 | 842 | 144 | 213 | 134 |
| SS8B 03.B3 | 6GF | 30 | 40 | 61,5 | ● | ● | 2047 | 1050 | 997 | 141 | 213 | 131,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 2209 | 1212 | 997 | 144 | 213 | 155 |
| SS8B 03 | 6GF | 37 | 50 | 79,3 | ● | ● | 2177 | 1180 | 997 | 141 | 213 | 143,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2309 | 1312 | 997 | 144 | 213 | 165 |
| SS8B 04 | TR8 | 45 | 60 | 92 | ○ | ● | 2423 | 1270 | 1153 | 192 | 213 | 229 |
| SS8B 05.B3 | TR8 | 55 | 75 | 109 | ○ | ● | 2659 | 1350 | 1309 | 192 | 213 | 250 |
| SS8B 05 | TR8 | 55 | 75 | 109 | ○ | ● | 2659 | 1350 | 1309 | 192 | 213 | 250 |
| SS8B 06 | TR8 | 75 | 100 | 145 | ○ | ● | 3055 | 1590 | 1465 | 192 | 213 | 302 |
| SS8B 07 | TR8 | 75 | 100 | 145 | ○ | ● | 3210 | 1590 | 1620 | 192 | 213 | 308 |
| SS8B 08 | TR8 | 92 | 125 | 177 | ○ | ● | 3606 | 1830 | 1776 | 192 | 213 | 361 |
| SS8B 09 | TR8 | 110 | 150 | 213 | ○ | ● | 3992 | 2060 | 1932 | 192 | 213 | 417 |
| SS8B 10 | TR8 | 110 | 150 | 213 | ○ | ● | 4147 | 2060 | 2087 | 192 | 213 | 424 |
| SS8B 11 | TR10 | 132 | 180 | 257 | ○ | ● | 4113 | 1870 | 2243 | 232 | 213 | 532 |
| SS8B 12 | TR10 | 132 | 180 | 257 | ○ | ● | 4269 | 1870 | 2399 | 232 | 213 | 539 |
| SS8B 13 | TR10 | 147 | 200 | 300 | ○ | ● | 4624 | 2070 | 2554 | 232 | 213 | 610 |

* Motor 6GF: 6" canned submersible motors.

Motor TR: 6"-10" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|------------|-----------------|------|--------------------|-----|-------|--------|------|--------|--------|------|--------|--------|------|-------------------------|
| | P2 NOMINAL | | Q=m ³ h | 0 | 50 | 70 | 90 | 110 | 130 | 150 | 170 | 190 | 210 | |
| | kW | HP | Q=l/min | 0 | 833,3 | 1166,6 | 1500 | 1833,3 | 2166,6 | 2500 | 2833,3 | 3166,6 | 3500 | |
| SS8C 01.B1 | 9,2 | 12,5 | H (m) | 24 | 22 | 21 | 20 | 18 | 17 | 16 | 14 | 12 | 9 | 6" |
| SS8C 01 | 11 | 15 | | 30 | 28 | 26 | 24 | 23 | 22 | 20 | 18 | 15 | 11 | 6" |
| SS8C 02.B2 | 18,5 | 25 | | 48 | 44 | 42 | 39 | 37 | 34 | 32 | 28 | 23 | 17 | 6" |
| SS8C 02 | 22 | 30 | | 60 | 55 | 52 | 49 | 46 | 43 | 40 | 35 | 29 | 22 | 6" |
| SS8C 03.B2 | 30 | 40 | | 78 | 72 | 68 | 64 | 60 | 56 | 52 | 46 | 38 | 28 | 6" |
| SS8C 03 | 37 | 50 | | 90 | 83 | 78 | 73 | 69 | 65 | 60 | 53 | 44 | 32 | 6" |
| SS8C 04 | 45 | 60 | | 120 | 111 | 104 | 98 | 92 | 86 | 80 | 71 | 58 | 43 | 8" |
| SS8C 05 | 55 | 75 | | 150 | 139 | 130 | 122 | 115 | 108 | 99 | 88 | 73 | 54 | 8" |
| SS8C 06.B3 | 63 | 85 | | 162 | 150 | 141 | 132 | 124 | 116 | 107 | 95 | 79 | 58 | 8" |
| SS8C 06 | 75 | 100 | | 180 | 166 | 156 | 147 | 138 | 129 | 119 | 106 | 88 | 65 | 8" |
| SS8C 07.B3 | 75 | 100 | | 192 | 177 | 167 | 156 | 147 | 138 | 127 | 113 | 94 | 69 | 8" |
| SS8C 07 | 92 | 125 | | 210 | 194 | 182 | 171 | 161 | 151 | 139 | 124 | 102 | 76 | 8" |
| SS8C 08 | 92 | 125 | | 240 | 222 | 208 | 195 | 184 | 172 | 159 | 141 | 117 | 87 | 8" |
| SS8C 09 | 110 | 150 | | 270 | 249 | 234 | 220 | 207 | 194 | 179 | 159 | 132 | 97 | 8" |
| SS8C 10 | 110 | 150 | | 300 | 277 | 260 | 244 | 230 | 215 | 199 | 176 | 146 | 108 | 8" |
| SS8C 11 | 132 | 180 | | 330 | 305 | 286 | 269 | 253 | 237 | 219 | 194 | 161 | 119 | 10" |
| SS8C 12 | 147 | 200 | 360 | 333 | 312 | 293 | 276 | 259 | 239 | 212 | 175 | 130 | 10" | |
| SS8C 13 | 147 | 200 | 390 | 360 | 338 | 318 | 299 | 280 | 258 | 229 | 190 | 141 | 10" | |
| SS8C 14 | 170 | 230 | 420 | 388 | 364 | 342 | 322 | 302 | 278 | 247 | 205 | 152 | 10" | |
| SS8C 15 | 190 | 260 | 450 | 416 | 390 | 366 | 345 | 323 | 298 | 265 | 219 | 162 | 10" | |
| SS8C 16 | 190 | 260 | 480 | 443 | 416 | 391 | 368 | 345 | 318 | 282 | 234 | 173 | 10" | |

ELECTRICAL DATA AND DIMENSIONS

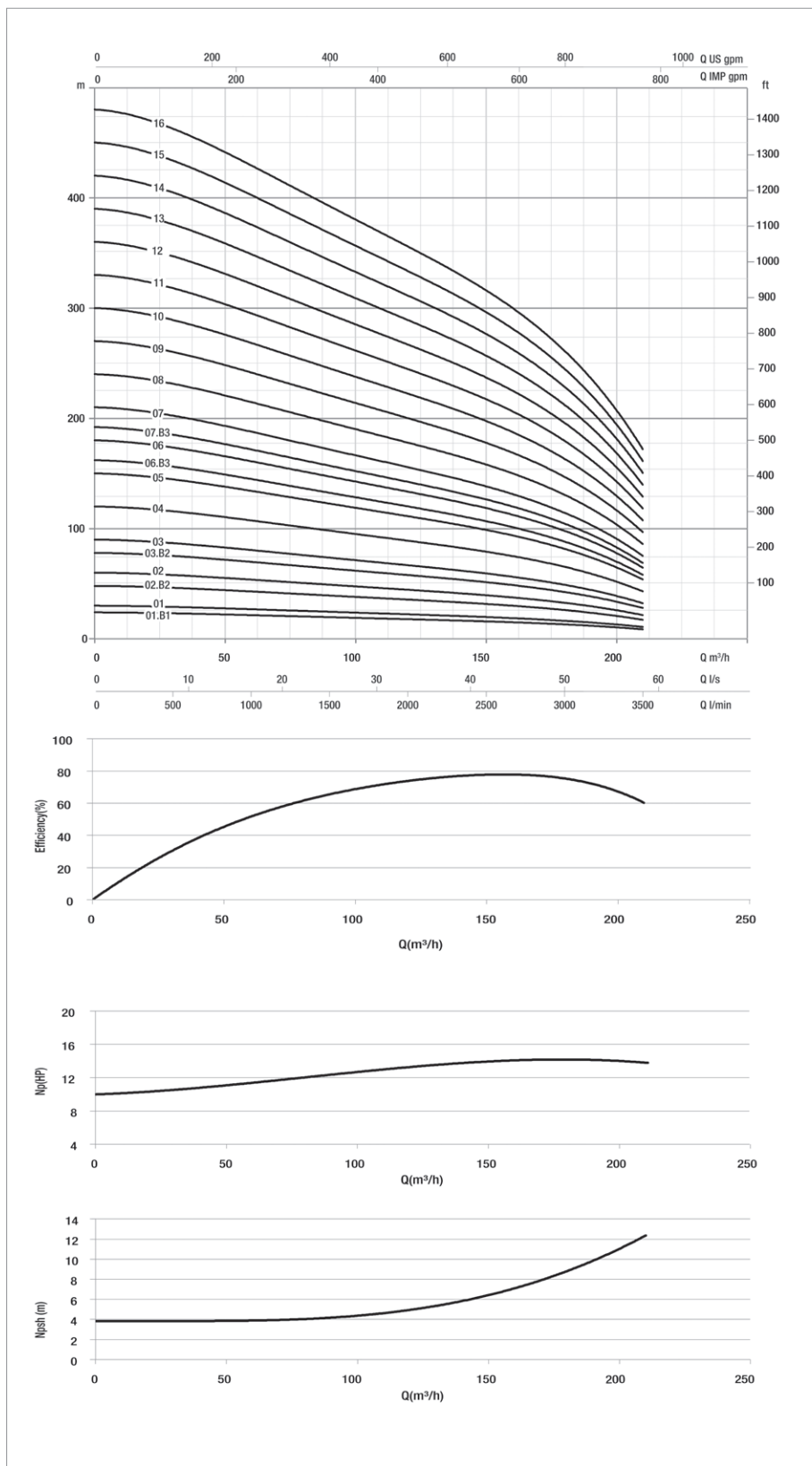
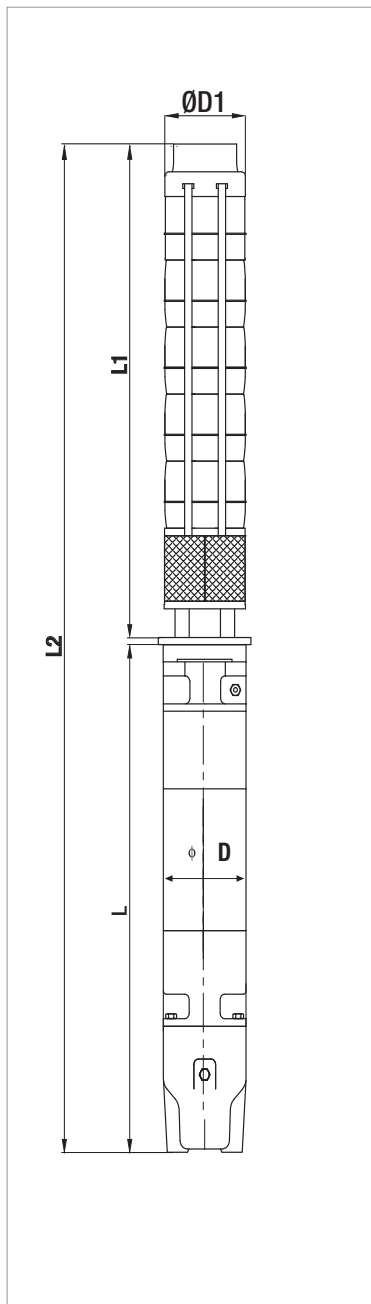
| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|------------|---------|-----------------|------|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS8C 01.B1 | 6GF | 9,2 | 12,5 | 22 | ● | ● | 1371 | 685 | 686 | 141 | 226 | 82,6 |
| | TR6 | 9,2 | 12,5 | 21 | ○ | ● | 1553 | 867 | 686 | 144 | 226 | 89 |
| SS8C 01 | 6GF | 11 | 15 | 25,5 | ● | ● | 1416 | 730 | 686 | 141 | 226 | 87 |
| | TR6 | 11 | 15 | 25 | ○ | ● | 1583 | 897 | 686 | 144 | 226 | 94 |
| SS8C 02.B2 | 6GF | 18,5 | 25 | 41 | ● | ● | 1702 | 860 | 842 | 141 | 226 | 107 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 1899 | 1057 | 842 | 144 | 226 | 123 |
| SS8C 02 | 6GF | 22 | 30 | 47 | ● | ● | 1762 | 920 | 842 | 141 | 226 | 110,6 |
| | TR6 | 22 | 30 | 49 | ○ | ● | 1929 | 1087 | 842 | 144 | 226 | 135 |
| SS8C 03.B2 | 6GF | 30 | 40 | 61,5 | ● | ● | 2047 | 1050 | 997 | 141 | 226 | 133,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 2209 | 1212 | 997 | 144 | 226 | 157 |
| SS8C 03 | 6GF | 37 | 50 | 79,3 | ● | ● | 2177 | 1180 | 997 | 141 | 226 | 145,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2309 | 1312 | 997 | 144 | 226 | 167 |
| SS8C 04 | TR8 | 45 | 60 | 92 | ○ | ● | 2423 | 1270 | 1153 | 192 | 226 | 230 |
| SS8C 05 | TR8 | 55 | 75 | 109 | ○ | ● | 2659 | 1350 | 1309 | 192 | 226 | 252 |
| SS8C 06.B3 | TR8 | 63 | 85 | 126 | ○ | ● | 2955 | 1490 | 1465 | 192 | 226 | 284 |
| SS8C 06 | TR8 | 75 | 100 | 145 | ○ | ● | 3055 | 1590 | 1465 | 192 | 226 | 303 |
| SS8C 07.B3 | TR8 | 75 | 100 | 145 | ○ | ● | 3210 | 1590 | 1620 | 192 | 226 | 310 |
| SS8C 07 | TR8 | 92 | 125 | 177 | ○ | ● | 3450 | 1830 | 1620 | 192 | 226 | 356 |
| SS8C 08 | TR8 | 92 | 125 | 177 | ○ | ● | 3606 | 1830 | 1776 | 192 | 226 | 362 |
| SS8C 09 | TR8 | 110 | 150 | 213 | ○ | ● | 3992 | 2060 | 1932 | 192 | 226 | 419 |
| SS8C 10 | TR8 | 110 | 150 | 213 | ○ | ● | 4147 | 2060 | 2087 | 192 | 226 | 425 |
| SS8C 11 | TR10 | 132 | 180 | 257 | ○ | ● | 4113 | 1870 | 2243 | 232 | 226 | 534 |
| SS8C 12 | TR10 | 147 | 200 | 300 | ○ | ● | 4469 | 2070 | 2399 | 232 | 226 | 605 |
| SS8C 13 | TR10 | 147 | 200 | 300 | ○ | ● | 4624 | 2070 | 2554 | 232 | 226 | 612 |
| SS8C 14 | TR10 | 170 | 230 | 348 | ○ | ● | 4930 | 2220 | 2710 | 232 | 226 | 658 |
| SS8C 15 | TR10 | 190 | 260 | 405 | ○ | ● | 5266 | 2400 | 2866 | 232 | 226 | 704 |
| SS8C 16 | TR10 | 190 | 260 | 405 | ○ | ● | 5422 | 2400 | 3022 | 232 | 226 | 711 |

* Motor 6GF: 6" canned submersible motors.

Motor TR: 6"-10" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.





TECHNICAL DATA

Performance range: flow up to 290 m³/h and max head of 385 m

Max. quantity of sand/silt: 50g/m³

Max. ambient temperature: 30°C (50°C available on request)

Outlet connection diameter (inside threaded): 6"

Nr of starts: refer to the motor specification

Motor Cooling flow: refer to the motor specification

Installation: horizontal or vertical, refer to the motor specification

APPLICATIONS

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.

These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.

These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.

Special version of motors with PE2+PA windings can be used on request for high-temperature water applications up to maximum 50°C.

Pumps can be installed both vertically and horizontally simply by removing the non-return valve and adding a cooling sleeve to the suction case (the only remark is to check the motor applicability to horizontal operations, refer to the motor specifications section).

CONSTRUCTION FEATURES OF PUMP

Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.

The impellers are balanced and locked to the shaft with a specially shaped collet and nut coupling, in order to guarantee ease-to-assembly feature and avoid vibration sensitive malfunctions and noise increase during rotation.

Rubber bearings that drive the shaft are water lubricated and have sand channels to make enable the sand particles leave the pump with the pumped liquid (maximum permissible sand content 50 gr/m³).

Built-in non returned valve provided in order to minimize local friction losses.

Stainless steel strainer provided in order to prevent particles over a certain size from entering the pump.

Coupling with 6", 8" or 10" motor depending on the power requested by hydraulic part:

- 6GF: 6" canned submersible motor
- TR6: 6" rewindable submersible motor
- TR8: 8" rewindable submersible motor
- TR10: 10" rewindable submersible motor

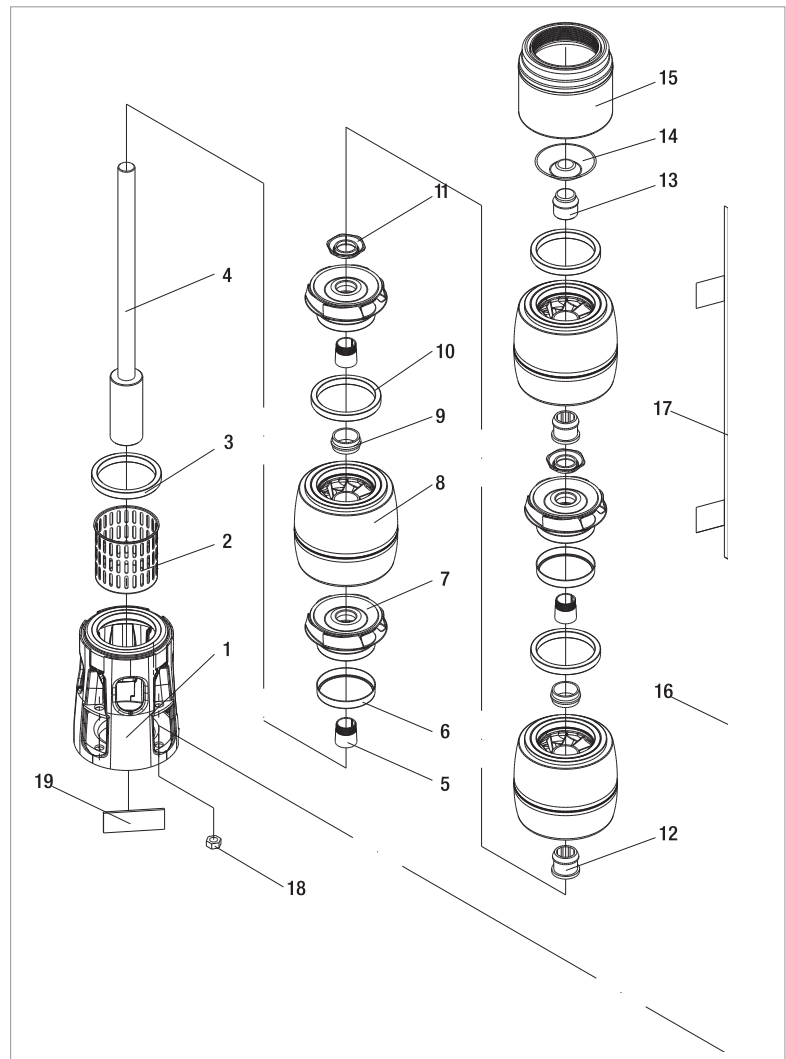
For inverter application refer to the detailed motor specification.

ON REQUEST:

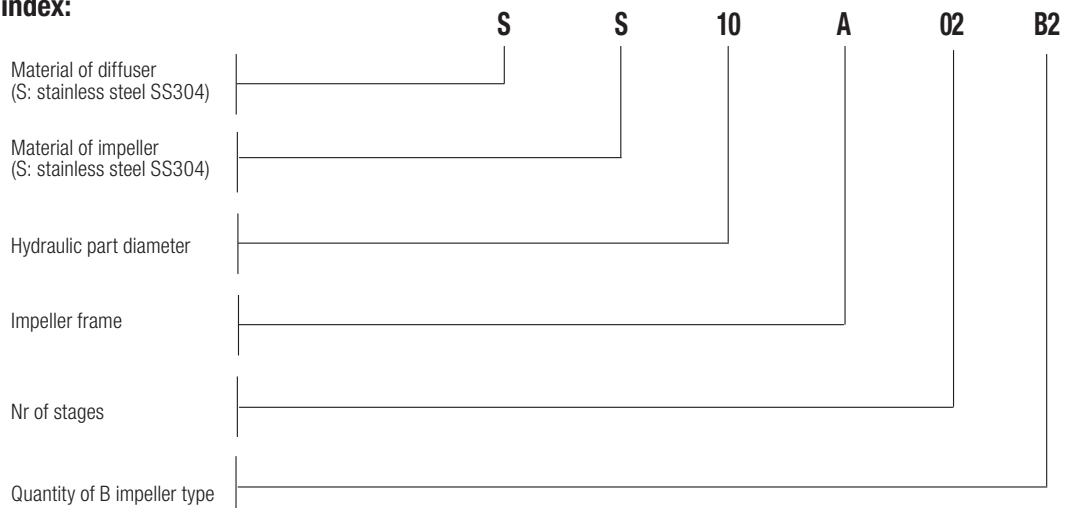
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

MATERIALS

| N° | Part Name | Material |
|----|------------------------|-----------------------------|
| 1 | Suction Case | Stainless Steel (AISI 304L) |
| 2 | Filter | Stainless Steel (AISI 304L) |
| 3 | Suction Case Wear Ring | Bronze (ASTM B145-4A) |
| 4 | Pump Shaft | Stainless Steel (AISI 420) |
| 5 | Collet | Stainless Steel |
| 6 | Impeller Wear Ring | STAINLESS STEEL (AISI 304) |
| 7 | Impeller | Stainless Steel (AISI 304L) |
| 8 | Diffuser | Stainless Steel (AISI 304L) |
| 9 | Rubber Bearing | Rubber |
| 10 | Diffuser Wear Ring | Rubber |
| 11 | Nut for Stop Ring | Stainless Steel (AISI 304L) |
| 12 | Bearing | Rubber |
| 13 | Shaft Stopper | Bronze (ASTM B145-4A) |
| 14 | Valve | Stainless Steel (AISI 304) |
| 15 | Discharge Case | Stainless Steel (AISI 304) |
| 16 | TIE ROD | STAINLESS STEEL (AISI 304L) |
| 17 | CABLE GUARD | STAINLESS STEEL (AISI 304) |
| 18 | TIR ROD NUT | STAINLESS STEEL (AISI 303) |
| 19 | NAME PLATE | STAINLESS STEEL (AISI 304) |



- Denomination index:
(EXAMPLE)



PERFORMANCE 50 Hz - 2 POLES

| MODEL | ELECTRICAL DATA | | HYDRAULIC DATA | | | | | | | | | | | STANDARD MOTOR COUPLING |
|-------------|-----------------|-----|---------------------|-----|-------|--------|--------|------|--------|--------|------|--------|--------|-------------------------|
| | P2 NOMINAL | | Q=m ³ /h | 0 | 50 | 100 | 140 | 180 | 200 | 220 | 240 | 260 | 290 | |
| | kW | HP | Q=l/min | 0 | 833,3 | 1666,6 | 2333,3 | 3000 | 3333,3 | 3666,6 | 4000 | 4333,3 | 4833,3 | |
| SS10A 01.B1 | 15 | 20 | H (mt) | 29 | 27 | 25 | 22 | 20 | 19 | 18 | 16 | 15 | 11 | 6" |
| SS10A 01 | 18,5 | 25 | | 39 | 36 | 33 | 30 | 27 | 25 | 24 | 22 | 19 | 15 | 6" |
| SS10A 02.B2 | 30 | 40 | | 58 | 54 | 49 | 44 | 40 | 37 | 35 | 32 | 29 | 22 | 6" |
| SS10A 02 | 37 | 50 | | 77 | 72 | 66 | 59 | 53 | 50 | 47 | 44 | 39 | 30 | 6" |
| SS10A 03.B3 | 45 | 60 | | 87 | 81 | 74 | 66 | 59 | 56 | 53 | 49 | 44 | 34 | 8" |
| SS10A 03.B1 | 55 | 75 | | 106 | 99 | 91 | 81 | 73 | 69 | 65 | 60 | 53 | 41 | 8" |
| SS10A 03 | 63 | 85 | | 116 | 108 | 99 | 89 | 80 | 75 | 71 | 65 | 58 | 45 | 8" |
| SS10A 04.B2 | 75 | 100 | | 135 | 126 | 115 | 103 | 93 | 88 | 82 | 76 | 68 | 53 | 8" |
| SS10A 04 | 75 | 100 | | 155 | 145 | 132 | 119 | 106 | 100 | 94 | 87 | 78 | 60 | 8" |
| SS10A 05 | 92 | 125 | | 194 | 181 | 165 | 148 | 133 | 125 | 118 | 109 | 97 | 75 | 8" |
| SS10A 06 | 110 | 150 | | 232 | 217 | 198 | 178 | 159 | 151 | 141 | 131 | 117 | 91 | 8" |
| SS10A 07 | 132 | 180 | | 271 | 253 | 231 | 207 | 186 | 176 | 165 | 152 | 136 | 106 | 10" |
| SS10A 08 | 147 | 200 | | 310 | 289 | 264 | 237 | 212 | 201 | 189 | 174 | 156 | 121 | 10" |
| SS10A 09 | 170 | 230 | | 349 | 325 | 298 | 267 | 239 | 226 | 212 | 196 | 175 | 136 | 10" |
| SS10A 10 | 190 | 260 | 387 | 362 | 331 | 296 | 265 | 251 | 236 | 218 | 195 | 151 | 10" | |

ELECTRICAL DATA AND DIMENSIONS

| MODEL | MOTOR * | ELECTRICAL DATA | | | | HORIZONTAL INSTALLATION | L2 mm | L mm | L1 mm | D mm | D1 mm | TOTAL WEIGHT Kg |
|-------------|---------|-----------------|-----|------|-----------------------|-------------------------|-------|------|-------|------|-------|-----------------|
| | | P2 NOMINAL | | In A | OPERATING BY INVERTER | | | | | | | |
| | | kW | HP | | | | | | | | | |
| SS10A 01.B1 | 6GF | 15 | 20 | 33,4 | ● | ● | 1579 | 785 | 794 | 141 | 247 | 103 |
| | TR6 | 15 | 20 | 32 | ○ | ● | 1791 | 997 | 794 | 144 | 247 | 121 |
| SS10A 01 | 6GF | 18,5 | 25 | 41 | ● | ● | 1654 | 860 | 794 | 141 | 247 | 111 |
| | TR6 | 18,5 | 25 | 39 | ○ | ● | 1851 | 1057 | 794 | 144 | 247 | 127 |
| SS10A 02.B2 | 6GF | 30 | 40 | 61,5 | ● | ● | 2020 | 1050 | 970 | 141 | 247 | 141,8 |
| | TR6 | 30 | 40 | 65 | ○ | ● | 2182 | 1212 | 970 | 144 | 247 | 165 |
| SS10A 02 | 6GF | 37 | 50 | 79,3 | ● | ● | 2150 | 1180 | 970 | 141 | 247 | 153,8 |
| | TR6 | 37 | 50 | 80 | ○ | ● | 2282 | 1312 | 970 | 144 | 247 | 175 |
| SS10A 03.B3 | TR8 | 45 | 60 | 92 | ○ | ● | 2417 | 1270 | 1147 | 192 | 247 | 243 |
| SS10A 03.B1 | TR8 | 55 | 75 | 109 | ○ | ● | 2497 | 1350 | 1147 | 192 | 247 | 258 |
| SS10A 03 | TR8 | 63 | 85 | 126 | ○ | ● | 2637 | 1490 | 1147 | 192 | 247 | 284 |
| SS10A 04.B2 | TR8 | 75 | 100 | 145 | ○ | ● | 2913 | 1590 | 1323 | 192 | 247 | 313 |
| SS10A 04 | TR8 | 75 | 100 | 145 | ○ | ● | 2913 | 1590 | 1323 | 192 | 247 | 313 |
| SS10A 05 | TR8 | 92 | 125 | 177 | ○ | ● | 3329 | 1830 | 1499 | 192 | 247 | 370 |
| SS10A 06 | TR8 | 110 | 150 | 213 | ○ | ● | 3735 | 2060 | 1675 | 192 | 247 | 431 |
| SS10A 07 | TR10 | 132 | 180 | 257 | ○ | ● | 3721 | 1870 | 1851 | 232 | 247 | 544 |
| SS10A 08 | TR10 | 147 | 200 | 300 | ○ | ● | 4098 | 2070 | 2028 | 232 | 247 | 619 |
| SS10A 09 | TR10 | 170 | 230 | 348 | ○ | ● | 4424 | 2220 | 2204 | 232 | 247 | 670 |
| SS10A 10 | TR10 | 190 | 260 | 405 | ○ | ● | 4780 | 2400 | 2380 | 232 | 247 | 721 |

* Motor 6GF: 6" canned submersible motors.

Motor TR: 6"-10" rewindable submersible motors.

| | |
|---|-----------------------|
| ● | Allowed |
| ○ | Only PE2 + PA version |

SS10A

SUBMERSIBLE ELECTRIC PUMPS 10"

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 Kg/m³. Curve tolerance according to ISO 9906.

