



SEA LAND[®]

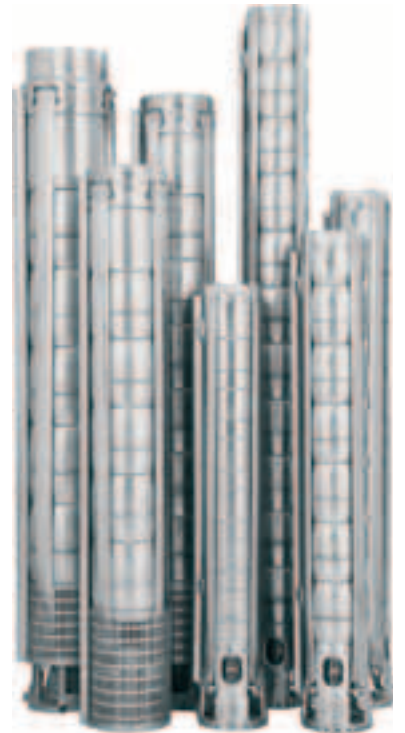
electric pumps

By **for**mula



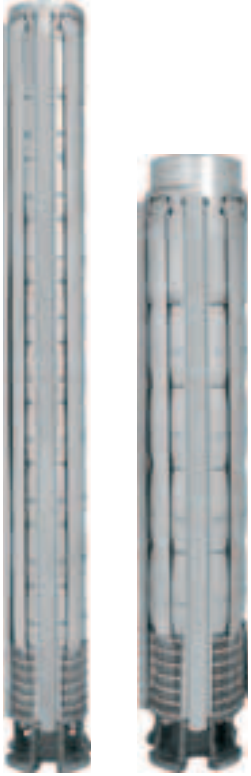
SUBMERSIBLE PUMPS & MOTORS





6" / 8" SUBMERSIBLE PUMPS

Full Stainless Steel



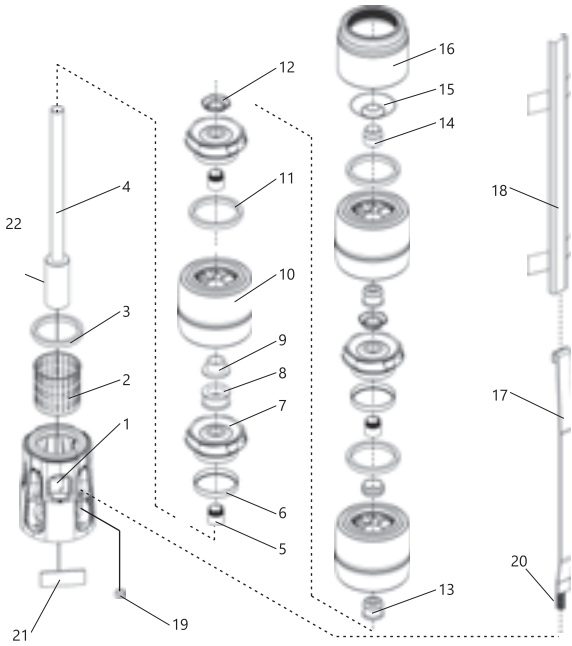
6" / 8" SUBMERSIBLE PUMPS

Full Stainless Steel

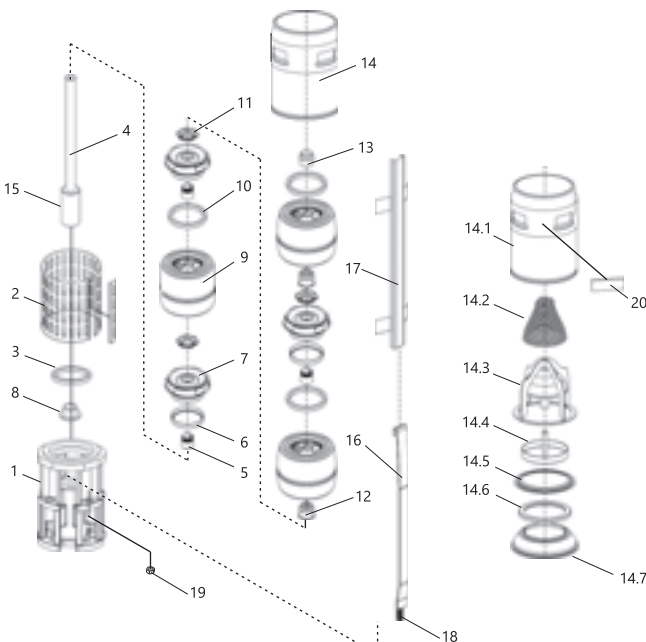
- Long life
- High efficiency
- High durability and solid construction
- Easy service operation
- Suitable connection in NEMA standards
- Water lubricated rubber bearing
- Built-in checkvalve to prevent back flow



Submersible Pumps Parts & Materials

| 6" Parts & Materials | | No | Part Name | Material |
|--|--|----|------------------------|------------------------------|
|  | | 1 | Suction Case | Stainless Steel (AISI 304L) |
| | | 2 | Strainer | Stainless Steel (AISI 304L) |
| | | 3 | Suction Case Wear Ring | Bronze / * AISI 304 + Rubber |
| | | 4 | Pump Shaft | Stainless Steel (AISI 431) |
| | | 5 | Collet | Stainless Steel (AISI 304) |
| | | 6 | Impeller Wear Ring | Stainless Steel (AISI 304L) |
| | | 7 | Impeller | Stainless Steel (AISI 304L) |
| | | 8 | Nut For Stop Ring | Stainless Steel (AISI 304) |
| | | 9 | Stop Ring | Bronze (ASTM B145-4A) |
| | | 10 | Diffuser | Stainless Steel (AISI 304L) |
| | | 11 | Diffuser Wear Ring | Rubber |
| | | 12 | Nut For Collet | Rubber |
| | | 13 | Rubber Bearing | Stainless Steel (AISI 304L) |
| | | 14 | Upper Bearing | Bronze (ASTM B145-4A) |
| | | 15 | Valve Cup | Stainless Steel (AISI 304L) |
| | | 16 | Discharge Case | Stainless Steel (AISI 304L) |
| | | 17 | Tie Rod | Stainless Steel (AISI 304L) |
| | | 18 | Cable Guard | Stainless Steel (AISI 304L) |
| | | 19 | Tie Rod Nut | Stainless Steel (AISI 304) |
| | | 20 | Tie Rod Stud | Stainless Steel (AISI 316) |
| | | 21 | Name Plate | Stainless Steel (AISI 304L) |
| | | 22 | Coupling | Stainless Steel (AISI 431) |

* Only used for models 6017 / 6030

| 8" Parts & Materials | | No | Part Name | Material |
|---|------|-------------------------|-----------------------------|-----------------------------|
|  | | 1 | Suction Case | Stainless Steel (AISI 304L) |
| | | 2 | Strainer | Stainless Steel (AISI 304L) |
| | | 3 | Suction Case Wear Ring | Rubber |
| | | 4 | Pump Shaft | Stainless Steel (AISI 431) |
| | | 5 | Collet | Stainless Steel (AISI 304) |
| | | 6 | Impeller Wear Ring | Stainless Steel (AISI 304L) |
| | | 7 | Impeller | Stainless Steel (AISI 304L) |
| | | 8 | Stop Ring | Bronze (ASTM B145-4A) |
| | | 9 | Diffuser | Stainless Steel (AISI 304L) |
| | | 10 | Diffuser Wear Ring | Rubber |
| | | 11 | Nut for Collet | Stainless Steel (AISI 304L) |
| | | 12 | Rubber Bearing | Rubber |
| | | 13 | Upper Bearing | Bronze (ASTM B145-4A) |
| | | 14 | Discharge Case | Stainless Steel (AISI 304L) |
| | | 14.1 | Discharge Case Body | Stainless Steel (AISI 304L) |
| | | 14.2 | Valve Cup Spring | Stainless Steel (AISI 304L) |
| | | 14.3 | Valve Cup Guide | Stainless Steel (AISI 304L) |
| | | 14.4 | Valve Cup | Stainless Steel (AISI 304L) |
| | | 14.5 | Up.Valve Cup Seat Retainer | Stainless Steel (AISI 304L) |
| | | 14.6 | Valve Cup Seat | Rubber |
| | 14.7 | Low.Valve Cup Seat Ret. | Stainless Steel (AISI 304L) | |
| | 15 | Coupling | Stainless Steel (AISI 431) | |
| | 16 | Tie Rod | Stainless Steel (AISI 304L) | |
| | 17 | Cable Guard | Stainless Steel (AISI 304L) | |
| | 18 | Tie Rod Stud | Stainless Steel (AISI 316) | |
| | 19 | Tie Rod Nut | Stainless Steel (AISI 304L) | |
| | 20 | Name Plate | Stainless Steel (AISI 304L) | |

FX6-17 (01-25 Stage)

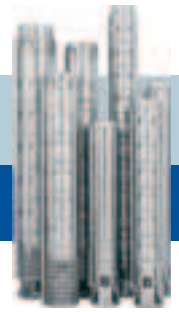


Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
|-----------|--------|-------|------|-------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | kW | HP | | | 0 | 1,7 | 2,2 | 2,8 | 3,3 | 3,9 | 4,4 | 5 | 5,6 |
| FX6-17/01 | 1 | 0,55 | 0,75 | 1.6 | Head (m) | 10 | 10 | 10 | 9 | 9 | 8 | 7 | 7 | 5 |
| FX6-17/02 | 2 | 1,1 | 1,5 | 2.8 | | 21 | 21 | 20 | 20 | 19 | 17 | 16 | 14 | 12 |
| FX6-17/03 | 3 | 2,2 | 3 | 5.3 | | 34 | 33 | 32 | 31 | 30 | 28 | 25 | 22 | 19 |
| FX6-17/04 | 4 | 2,2 | 3 | 5.3 | | 46 | 45 | 44 | 42 | 40 | 37 | 34 | 30 | 25 |
| FX6-17/05 | 5 | 3 | 4 | 7.2 | | 57 | 56 | 55 | 53 | 50 | 47 | 43 | 38 | 32 |
| FX6-17/06 | 6 | 4 | 5,5 | 9,5/10,2 | | 69 | 67 | 66 | 64 | 61 | 56 | 51 | 45 | 39 |
| FX6-17/07 | 7 | 4 | 5,5 | 9,5/10,2 | | 81 | 79 | 78 | 75 | 72 | 67 | 61 | 54 | 46 |
| FX6-17/08 | 8 | 5,5 | 7,5 | 12,6/13,3 | | 93 | 91 | 89 | 86 | 82 | 76 | 70 | 62 | 53 |
| FX6-17/09 | 9 | 5,5 | 7,5 | 12,6/13,3 | | 104 | 102 | 100 | 97 | 92 | 86 | 78 | 69 | 59 |
| FX6-17/10 | 10 | 5,5 | 7,5 | 12,6/13,3 | | 116 | 113 | 111 | 107 | 102 | 95 | 87 | 77 | 66 |
| FX6-17/11 | 11 | 7,5 | 10 | 17/17,2 | | 127 | 125 | 122 | 118 | 112 | 105 | 96 | 85 | 72 |
| FX6-17/12 | 12 | 7,5 | 10 | 17/17,2 | | 139 | 136 | 133 | 129 | 123 | 115 | 104 | 92 | 79 |
| FX6-17/13 | 13 | 7,5 | 10 | 17/17,2 | | 151 | 148 | 144 | 139 | 133 | 124 | 113 | 100 | 85 |
| FX6-17/14 | 14 | 7,5 | 10 | 17/17,2 | | 162 | 159 | 155 | 150 | 143 | 134 | 122 | 108 | 92 |
| FX6-17/15 | 15 | 9,3 | 12,5 | 20,8 | | 174 | 170 | 166 | 161 | 153 | 143 | 131 | 115 | 98 |
| FX6-17/16 | 16 | 9,3 | 12,5 | 20,8 | | 185 | 182 | 178 | 172 | 164 | 153 | 139 | 123 | 105 |
| FX6-17/17 | 17 | 9,3 | 12,5 | 20,8 | | 197 | 193 | 189 | 182 | 174 | 162 | 148 | 131 | 112 |
| FX6-17/18 | 18 | 11 | 15 | 23,7 | | 209 | 204 | 200 | 193 | 184 | 172 | 157 | 139 | 118 |
| FX6-17/19 | 19 | 11 | 15 | 23,7 | | 220 | 216 | 211 | 204 | 194 | 181 | 165 | 146 | 125 |
| FX6-17/20 | 20 | 11 | 15 | 23,7 | | 232 | 227 | 222 | 215 | 204 | 191 | 174 | 154 | 131 |
| FX6-17/21 | 21 | 13 | 17,5 | 28,7 | | 243 | 238 | 233 | 225 | 215 | 200 | 183 | 162 | 138 |
| FX6-17/22 | 22 | 13 | 17,5 | 28,7 | | 255 | 250 | 244 | 236 | 225 | 210 | 191 | 169 | 144 |
| FX6-17/23 | 23 | 13 | 17,5 | 28,7 | | 266 | 261 | 255 | 247 | 235 | 220 | 200 | 177 | 151 |
| FX6-17/24 | 24 | 13 | 17,5 | 28,7 | | 278 | 272 | 266 | 258 | 245 | 229 | 209 | 185 | 158 |
| FX6-17/25 | 25 | 15 | 20 | 33,1 | | 290 | 284 | 277 | 268 | 255 | 239 | 218 | 192 | 164 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|------|-----------------|---------|------|--------|-----|--------------|------|-----------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-17/01 | 1 | 0,55 | 0,75 | 1342 | 361 | 330 | 95 | 132 | 8.6 | 5 | 13,6 |
| FX6-17/02 | 2 | 1,1 | 1,5 | 1431 | 401 | 390 | 95 | 132 | 10,35 | 7 | 17,35 |
| FX6-17/03 | 3 | 2,2 | 3 | 1492 | 471 | 451 | 95 | 132 | 13,9 | 8 | 21,9 |
| FX6-17/04 | 4 | 2,2 | 3 | 1552 | 471 | 511 | 95 | 132 | 13,9 | 10 | 23,9 |
| FX6-17/05 | 5 | 3 | 4 | 1693 | 530 | 572 | 95 | 132 | 16,2 | 11 | 27,2 |
| FX6-17/06 | 6 | 4 | 5,5 | 1753 | 600/649 | 632 | 95/142 | 132 | 19,8/40 | 13 | 32,8/53 |
| FX6-17/07 | 7 | 4 | 5,5 | 1293/1342 | 600/649 | 693 | 95/142 | 132 | 19,8/40 | 14 | 33,8/54 |
| FX6-17/08 | 8 | 5,5 | 7,5 | 1408/1402 | 655/649 | 753 | 95/142 | 132 | 22,5/40 | 16 | 38,5/56 |
| FX6-17/09 | 9 | 5,5 | 7,5 | 1469/1463 | 655/649 | 814 | 95/142 | 132 | 22,5/40 | 17 | 39,5/57 |
| FX6-17/10 | 10 | 5,5 | 7,5 | 1529/1523 | 655/649 | 874 | 95/142 | 132 | 22,5/40 | 18 | 40,5/58 |
| FX6-17/11 | 11 | 7,5 | 10 | 1730/1613 | 795/678 | 935 | 95/142 | 132 | 28,8/43,5 | 20 | 48,8/63,5 |
| FX6-17/12 | 12 | 7,5 | 10 | 1790/1673 | 795/678 | 995 | 95/142 | 132 | 28,8/43,5 | 21 | 49,8/64,5 |
| FX6-17/13 | 13 | 7,5 | 10 | 1851/1734 | 795/678 | 1056 | 95/142 | 132 | 28,8/43,5 | 23 | 51,8/66,5 |
| FX6-17/14 | 14 | 7,5 | 10 | 1911/1794 | 795/678 | 1116 | 95/142 | 132 | 28,8/43,5 | 24 | 52,8/67,5 |
| FX6-17/15 | 15 | 9,3 | 12,5 | 1935 | 758 | 1177 | 142 | 132 | 50 | 26 | 76 |
| FX6-17/16 | 16 | 9,3 | 12,5 | 1995 | 758 | 1237 | 142 | 132 | 50 | 27 | 77 |
| FX6-17/17 | 17 | 9,3 | 12,5 | 2056 | 758 | 1298 | 142 | 132 | 50 | 29 | 79 |
| FX6-17/18 | 18 | 11 | 15 | 2158 | 800 | 1358 | 142 | 132 | 55 | 30 | 85 |
| FX6-17/19 | 19 | 11 | 15 | 2219 | 800 | 1419 | 142 | 132 | 55 | 31 | 86 |
| FX6-17/20 | 20 | 11 | 15 | 2279 | 800 | 1479 | 142 | 132 | 55 | 33 | 88 |
| FX6-17/21 | 21 | 13 | 17,5 | 2391 | 851 | 1540 | 142 | 132 | 60 | 34 | 94 |
| FX6-17/22 | 22 | 13 | 17,5 | 2451 | 851 | 1600 | 142 | 132 | 60 | 36 | 96 |
| FX6-17/23 | 23 | 13 | 17,5 | 2512 | 851 | 1661 | 142 | 132 | 60 | 37 | 97 |
| FX6-17/24 | 24 | 13 | 17,5 | 2572 | 851 | 1721 | 142 | 132 | 60 | 39 | 99 |
| FX6-17/25 | 25 | 15 | 20 | 2693 | 911 | 1782 | 142 | 132 | 65 | 40 | 105 |



Performance Curves

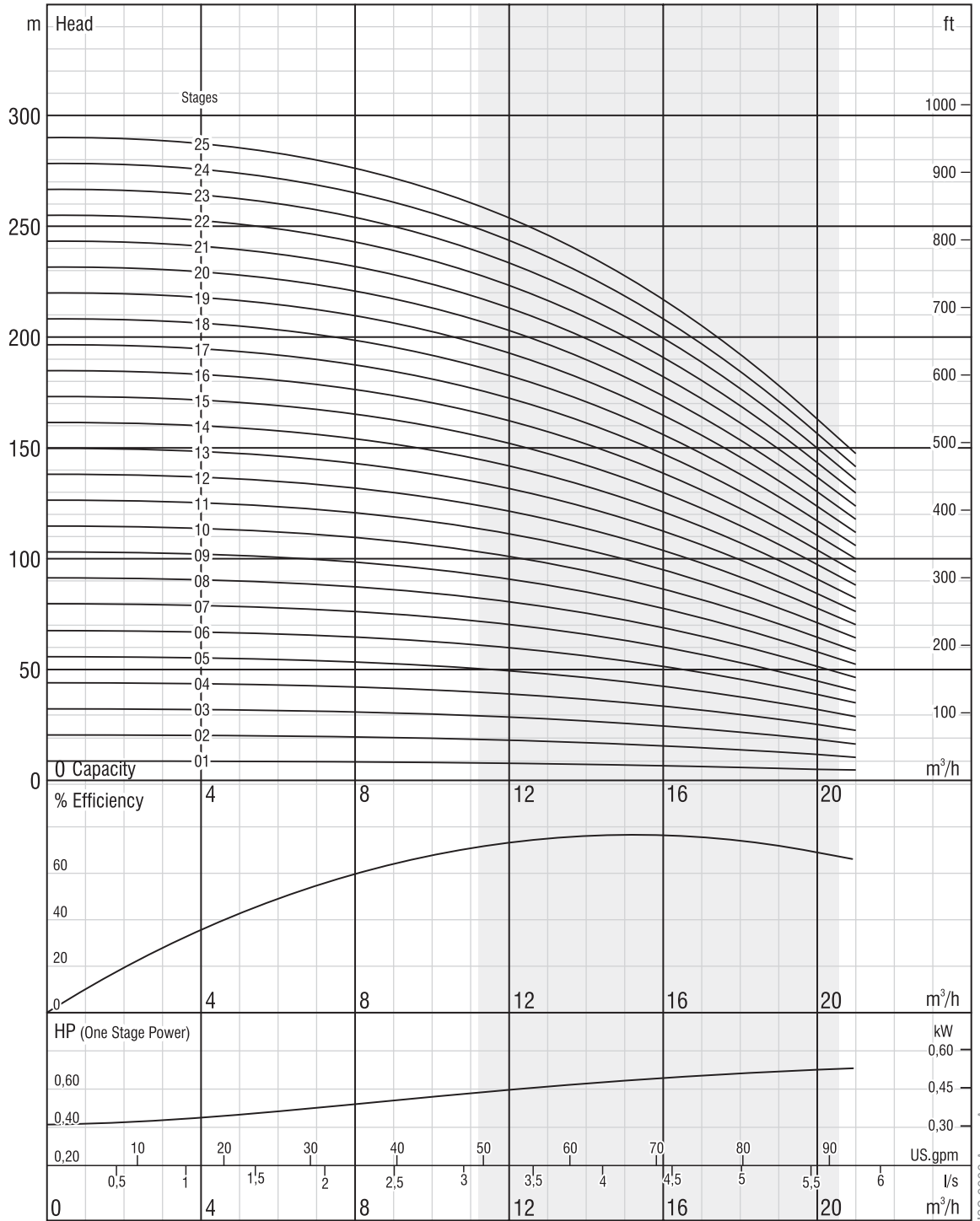
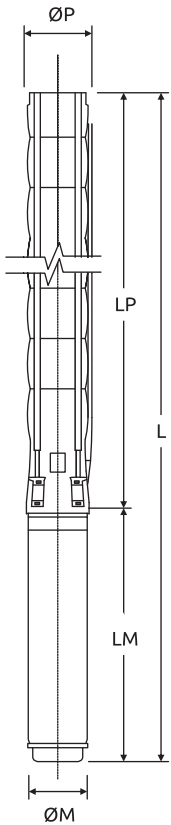
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
132 mm

Outlet Connection Diameter:
2 1/2" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



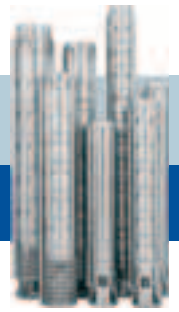
Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
|-------------|--------|-------|----|-------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | kW | HP | | | 0 | 1,7 | 2,2 | 2,8 | 3,3 | 3,9 | 4,4 | 5 | 5,6 |
| FX6-17/26 | 26 | 15 | 20 | 33.1 | Head (m) | 301 | 295 | 289 | 279 | 266 | 248 | 226 | 200 | 171 |
| FX6-17/27 | 27 | 15 | 20 | 33.1 | | 313 | 306 | 300 | 290 | 276 | 258 | 235 | 208 | 177 |
| FX6-17/28 | 28 | 15 | 20 | 33.1 | | 324 | 318 | 311 | 300 | 286 | 267 | 244 | 216 | 184 |
| FX6-17/29 | 29 | 18,5 | 25 | 41.8 | | 336 | 329 | 322 | 311 | 296 | 277 | 252 | 223 | 190 |
| FX6-17/30 | 30 | 18,5 | 25 | 41.8 | | 348 | 340 | 333 | 322 | 307 | 286 | 261 | 231 | 197 |
| FX6-17/31 | 31 | 18,5 | 25 | 41.8 | | 359 | 352 | 344 | 333 | 317 | 296 | 270 | 239 | 203 |
| FX6-17/32 | 32 | 18,5 | 25 | 41.8 | | 371 | 363 | 355 | 343 | 327 | 305 | 279 | 246 | 210 |
| FX6-17/33 | 33 | 18,5 | 25 | 41.8 | | 382 | 375 | 366 | 354 | 337 | 315 | 287 | 254 | 217 |
| FX6-17/34 | 34 | 18,5 | 25 | 41.8 | | 394 | 386 | 377 | 365 | 347 | 325 | 296 | 262 | 223 |
| FX6-17/35 | 35 | 22 | 30 | 48.5/46.3 | | 405 | 397 | 388 | 376 | 358 | 334 | 305 | 269 | 230 |
| FX6-17/36 | 36 | 22 | 30 | 48.5/46.3 | | 417 | 409 | 400 | 386 | 368 | 344 | 313 | 277 | 236 |
| FX6-17/37 | 37 | 22 | 30 | 48.5/46.3 | | 429 | 420 | 411 | 397 | 378 | 353 | 322 | 285 | 243 |
| FX6-17/38 | 38 | 22 | 30 | 48.5/46.3 | | 440 | 431 | 422 | 408 | 388 | 363 | 331 | 293 | 249 |
| * FX6-17/39 | 39 | 22 | 30 | 48.5/46.3 | | 452 | 443 | 433 | 418 | 399 | 372 | 339 | 300 | 256 |
| * FX6-17/40 | 40 | 22 | 30 | 48.5/46.3 | | 463 | 454 | 444 | 429 | 409 | 382 | 348 | 308 | 263 |
| * FX6-17/41 | 41 | 22 | 30 | 48.5/46.3 | | 475 | 465 | 455 | 440 | 419 | 391 | 357 | 316 | 269 |
| * FX6-17/42 | 42 | 26,5 | 35 | 56.4/55.1 | | 487 | 477 | 466 | 451 | 429 | 401 | 366 | 323 | 276 |
| * FX6-17/43 | 43 | 26,5 | 35 | 56.4/55.1 | | 498 | 488 | 477 | 461 | 439 | 410 | 374 | 331 | 282 |

Pump with jacket *

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|----------|------|---------|-----|--------------|------|---------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-17/26 | 26 | 15 | 20 | 2693 | 973 | 1963 | 142 | 132 | 65 | 42 | 107 |
| FX6-17/27 | 27 | 15 | 20 | 2753 | 973 | 2024 | 142 | 132 | 65 | 43 | 108 |
| FX6-17/28 | 28 | 15 | 20 | 2814 | 973 | 2084 | 142 | 132 | 65 | 45 | 110 |
| FX6-17/29 | 29 | 18,5 | 25 | 2874 | 973 | 2145 | 142 | 132 | 72 | 46 | 118 |
| FX6-17/30 | 30 | 18,5 | 25 | 2997 | 973 | 2205 | 142 | 132 | 72 | 47 | 119 |
| FX6-17/31 | 31 | 18,5 | 25 | 3118 | 973 | 2145 | 142 | 132 | 72 | 49 | 121 |
| FX6-17/32 | 32 | 18,5 | 25 | 3178 | 973 | 2205 | 142 | 132 | 72 | 50 | 122 |
| FX6-17/33 | 33 | 18,5 | 25 | 3239 | 973 | 2266 | 142 | 132 | 72 | 52 | 124 |
| FX6-17/34 | 34 | 18,5 | 25 | 3299 | 973 | 2326 | 142 | 132 | 72 | 53 | 125 |
| FX6-17/35 | 35 | 22 | 30 | 3393/3227 | 1006/840 | 2387 | 142/172 | 132 | 76/81 | 55 | 131/136 |
| FX6-17/36 | 36 | 22 | 30 | 3453/3287 | 1006/840 | 2447 | 142/172 | 132 | 76/81 | 56 | 132/137 |
| FX6-17/37 | 37 | 22 | 30 | 3514/3348 | 1006/840 | 2508 | 142/172 | 132 | 76/81 | 58 | 134/139 |
| FX6-17/38 | 38 | 22 | 30 | 3574/3408 | 1006/840 | 2568 | 142/172 | 132 | 76/81 | 59 | 135/140 |
| FX6-17/39 | 39 | 22 | 30 | 3635/3469 | 1006/840 | 2629 | 142/172 | 132 | 76/81 | 60 | 136/141 |
| FX6-17/40 | 40 | 22 | 30 | 3695/3529 | 1006/840 | 2689 | 142/172 | 132 | 76/81 | 62 | 138/143 |
| FX6-17/41 | 41 | 22 | 30 | 3756/3590 | 1006/840 | 2750 | 142/172 | 132 | 76/81 | 63 | 139/144 |
| FX6-17/42 | 42 | 26,5 | 35 | 3916/3700 | 1106/890 | 2810 | 142/172 | 132 | 87/86 | 65 | 152/151 |
| FX6-17/43 | 43 | 26,5 | 35 | 4227/4011 | 1106/890 | 3121 | 142/172 | 167 | 87/86 | 98 | 185/184 |



Performance Curves

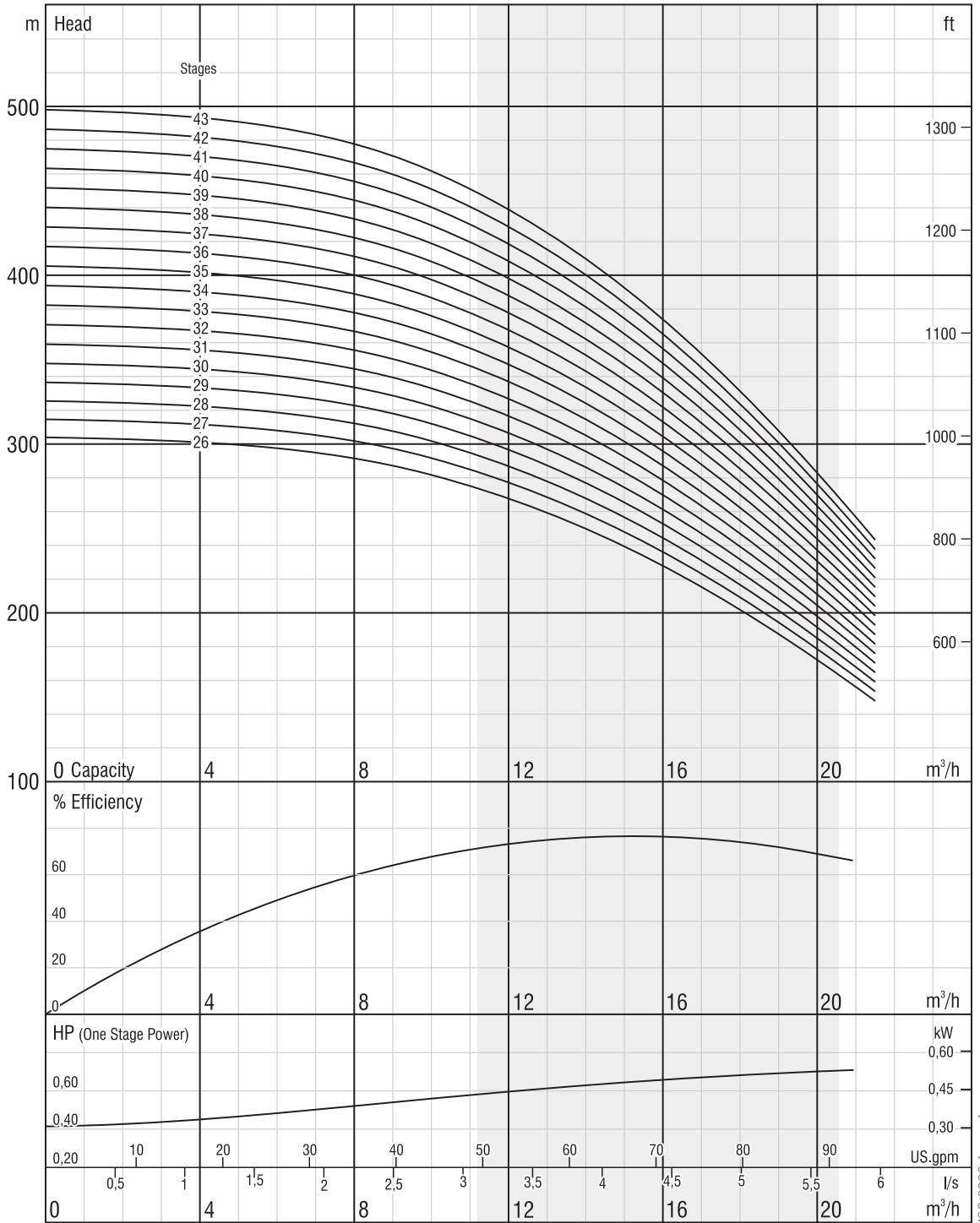
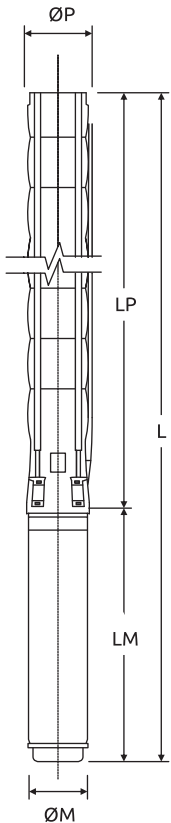
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
132 mm

Outlet Connection Diameter:
2 1/2" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
|-------------|--------|-------|----|----------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | kW | HP | | | 0 | 1,7 | 2,2 | 2,8 | 3,3 | 3,9 | 4,4 | 5 | 5,6 |
| * FX6-17/44 | 44 | 26,5 | 35 | 56.4/55.1 | Head (m) | 510 | 499 | 488 | 472 | 450 | 420 | 383 | 339 | 289 |
| * FX6-17/45 | 45 | 26,5 | 35 | 56.4/55.1 | | 521 | 511 | 499 | 483 | 460 | 430 | 392 | 346 | 295 |
| * FX6-17/46 | 46 | 26,5 | 35 | 56.4/55.1 | | 533 | 522 | 511 | 494 | 470 | 439 | 400 | 354 | 302 |
| * FX6-17/47 | 47 | 26,5 | 35 | 56.4/55.1 | | 544 | 533 | 522 | 504 | 480 | 449 | 409 | 362 | 308 |
| * FX6-17/48 | 48 | 26,5 | 35 | 56.4/55.1 | | 556 | 545 | 533 | 515 | 491 | 458 | 418 | 370 | 315 |
| * FX6-17/49 | 49 | 30 | 40 | 64.6/62.4/61.7 | | 568 | 556 | 544 | 526 | 501 | 468 | 426 | 377 | 322 |
| * FX6-17/50 | 50 | 30 | 40 | 64.6/62.4/61.7 | | 579 | 567 | 555 | 536 | 511 | 477 | 435 | 385 | 328 |
| * FX6-17/51 | 51 | 30 | 40 | 64.6/62.4/61.7 | | 591 | 579 | 566 | 547 | 521 | 487 | 444 | 393 | 335 |
| * FX6-17/52 | 52 | 30 | 40 | 64.6/62.4/61.7 | | 602 | 590 | 577 | 558 | 531 | 496 | 453 | 400 | 341 |
| * FX6-17/53 | 53 | 30 | 40 | 64.6/62.4/61.7 | | 614 | 602 | 588 | 569 | 542 | 506 | 461 | 408 | 348 |
| * FX6-17/54 | 54 | 30 | 40 | 64.6/62.4/61.7 | | 626 | 613 | 599 | 579 | 552 | 516 | 470 | 416 | 354 |
| * FX6-17/55 | 55 | 30 | 40 | 64.6/62.4/61.7 | | 637 | 624 | 610 | 590 | 562 | 525 | 479 | 423 | 361 |
| * FX6-17/56 | 56 | 30 | 40 | 64.6/62.4/61.7 | | 649 | 636 | 622 | 601 | 572 | 535 | 487 | 431 | 368 |
| * FX6-17/57 | 57 | 37 | 50 | 79.7/74.3/74.3 | | 660 | 647 | 633 | 612 | 582 | 544 | 496 | 439 | 374 |
| * FX6-17/58 | 58 | 37 | 50 | 79.7/74.3/74.3 | | 672 | 658 | 644 | 622 | 593 | 554 | 505 | 447 | 381 |
| * FX6-17/59 | 59 | 37 | 50 | 79.7/74.3/74.3 | | 683 | 670 | 655 | 633 | 603 | 563 | 514 | 454 | 387 |
| * FX6-17/60 | 60 | 37 | 50 | 79.7/74.3/74.3 | 695 | 681 | 666 | 644 | 613 | 573 | 522 | 462 | 394 | |

Pump with jacket *

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|---------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-17/44 | 44 | 26,5 | 35 | 4287/4071 | 1106/890 | 3181 | 142/172 | 167 | 87/86 | 100 | 187/186 |
| FX6-17/45 | 45 | 26,5 | 35 | 4348/4132 | 1106/890 | 3242 | 142/172 | 167 | 87/86 | 102 | 189/188 |
| FX6-17/46 | 46 | 26,5 | 35 | 4408/4192 | 1106/890 | 3302 | 142/172 | 167 | 87/86 | 103 | 190/189 |
| FX6-17/47 | 47 | 26,5 | 35 | 4469/4253 | 1106/890 | 3363 | 142/172 | 167 | 87/86 | 105 | 192/191 |
| FX6-17/48 | 48 | 26,5 | 35 | 4529/4313 | 1106/890 | 3423 | 142/172 | 167 | 87/86 | 107 | 194/193 |
| FX6-17/49 | 49 | 30 | 40 | 4701/4424/4480 | 1217/940/996 | 3484 | 142/172/192 | 167 | 98/91/120 | 109 | 207/200/229 |
| FX6-17/50 | 50 | 30 | 40 | 4761/4484/4540 | 1217/940/996 | 3544 | 142/172/192 | 167 | 98/91/120 | 111 | 209/202/231 |
| FX6-17/51 | 51 | 30 | 40 | 4822/4545/4601 | 1217/940/996 | 3605 | 142/172/192 | 167 | 98/91/120 | 112 | 210/203/232 |
| FX6-17/52 | 52 | 30 | 40 | 4882/4605/4661 | 1217/940/996 | 3665 | 142/172/192 | 167 | 98/91/120 | 114 | 212/205/234 |
| FX6-17/53 | 53 | 30 | 40 | 4943/4666/4722 | 1217/940/996 | 3726 | 142/172/192 | 167 | 98/91/120 | 116 | 214/207/236 |
| FX6-17/54 | 54 | 30 | 40 | 5003/4726/4782 | 1217/940/996 | 3786 | 142/172/192 | 167 | 98/91/120 | 118 | 216/209/238 |
| FX6-17/55 | 55 | 30 | 40 | 5064/4787/4843 | 1217/940/996 | 3847 | 142/172/192 | 167 | 98/91/120 | 120 | 218/211/240 |
| FX6-17/56 | 56 | 30 | 40 | 5124/4847/4903 | 1217/940/996 | 3907 | 142/172/192 | 167 | 98/91/120 | 121 | 219/212/241 |
| FX6-17/57 | 57 | 37 | 50 | 5215/4948/5024 | 1247/980/1056 | 3968 | 142/172/192 | 167 | 103/103/129 | 123 | 226/226/252 |
| FX6-17/58 | 58 | 37 | 50 | 5275/5008/5084 | 1247/980/1056 | 4028 | 142/172/192 | 167 | 103/103/129 | 125 | 228/228/254 |
| FX6-17/59 | 59 | 37 | 50 | 5336/5069/5145 | 1247/980/1056 | 4089 | 142/172/192 | 167 | 103/103/129 | 127 | 230/230/256 |
| FX6-17/60 | 60 | 37 | 50 | 5396/5129/5205 | 1247/980/1056 | 4149 | 142/172/192 | 167 | 103/103/129 | 129 | 232/232/258 |



Performance Curves

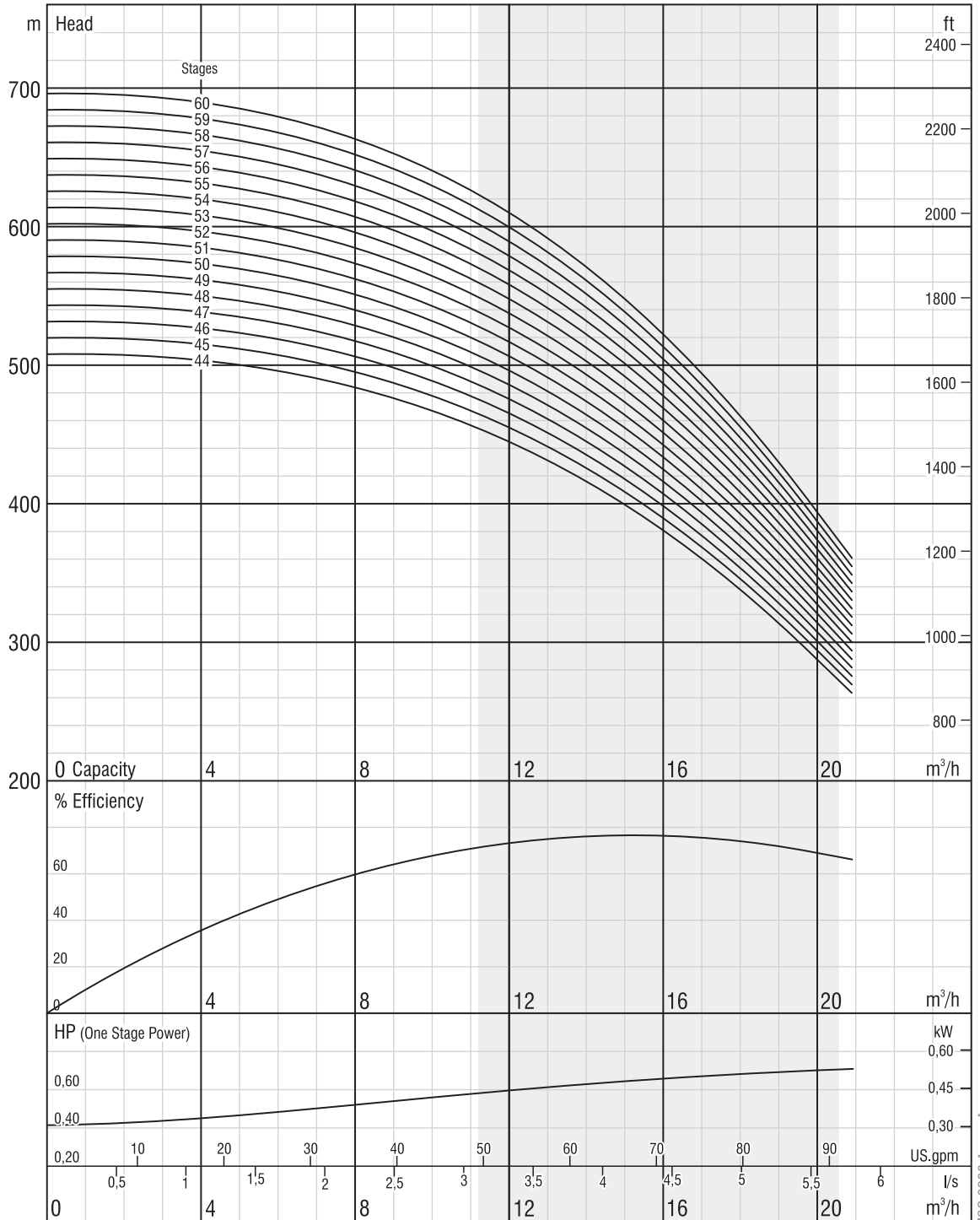
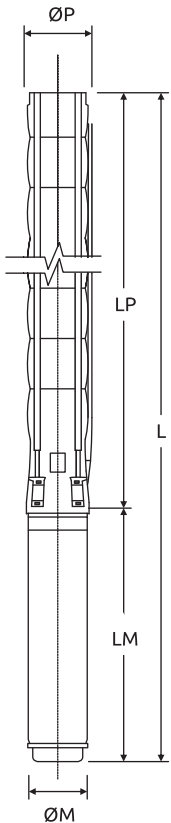
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
132 mm

Outlet Connection Diameter:
2 1/2" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 7,2 | 14,4 | 21,6 | 24 | 28,8 | 36 | 43,2 |
|-----------|--------|-------|------|-------------|--------------------------|-----|-----|------|------|-----|------|-----|------|
| | | kW | HP | | | 0 | 2 | 4 | 6 | 6,6 | 8 | 10 | 12 |
| FX6-30/01 | 1 | 1,1 | 1,5 | 2.8 | Head (m) | 11 | 10 | 9 | 8 | 8 | 7 | 4 | 2 |
| FX6-30/02 | 2 | 2,2 | 3 | 5.3 | | 22 | 22 | 20 | 18 | 17 | 14 | 10 | 4 |
| FX6-30/03 | 3 | 3 | 4 | 7.2 | | 33 | 32 | 29 | 26 | 24 | 21 | 15 | 6 |
| FX6-30/04 | 4 | 4 | 5,5 | 9.5/10.2 | | 48 | 46 | 43 | 38 | 36 | 31 | 22 | 10 |
| FX6-30/05 | 5 | 5,5 | 7,5 | 12.6/13.3 | | 60 | 58 | 54 | 47 | 45 | 39 | 27 | 12 |
| FX6-30/06 | 6 | 5,5 | 7,5 | 12.6/13.3 | | 72 | 69 | 64 | 57 | 54 | 46 | 33 | 15 |
| FX6-30/07 | 7 | 7,5 | 10 | 17/17.2 | | 84 | 81 | 75 | 66 | 63 | 54 | 38 | 17 |
| FX6-30/08 | 8 | 7,5 | 10 | 17/17.2 | | 96 | 92 | 86 | 76 | 71 | 62 | 44 | 20 |
| FX6-30/09 | 9 | 9,3 | 12,5 | 20.8 | | 108 | 104 | 97 | 85 | 80 | 70 | 49 | 22 |
| FX6-30/10 | 10 | 9,3 | 12,5 | 20.8 | | 119 | 116 | 107 | 95 | 89 | 77 | 54 | 25 |
| FX6-30/11 | 11 | 9,3 | 12,5 | 20.8 | | 131 | 127 | 118 | 104 | 98 | 85 | 60 | 27 |
| FX6-30/12 | 12 | 11 | 15 | 23.7 | | 143 | 139 | 129 | 113 | 107 | 93 | 65 | 30 |
| FX6-30/13 | 13 | 11 | 15 | 23.7 | | 155 | 150 | 139 | 123 | 116 | 100 | 71 | 32 |
| FX6-30/14 | 14 | 13 | 17,5 | 28.7 | | 167 | 162 | 150 | 132 | 125 | 108 | 76 | 35 |
| FX6-30/15 | 15 | 13 | 17,5 | 28.7 | | 179 | 173 | 161 | 142 | 134 | 116 | 82 | 37 |
| FX6-30/16 | 16 | 15 | 20 | 33.1 | | 191 | 185 | 172 | 151 | 143 | 124 | 124 | 87 |
| FX6-30/17 | 17 | 15 | 20 | 33.1 | | 203 | 196 | 182 | 161 | 152 | 131 | 131 | 93 |
| FX6-30/18 | 18 | 18,5 | 25 | 41.8 | | 215 | 208 | 193 | 170 | 161 | 139 | 139 | 98 |
| FX6-30/19 | 19 | 18,5 | 25 | 41.8 | | 227 | 220 | 204 | 180 | 170 | 147 | 147 | 103 |
| FX6-30/20 | 20 | 18,5 | 25 | 41.8 | | 239 | 231 | 214 | 189 | 179 | 155 | 155 | 109 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|------|-----------------|---------|------|--------|-----|--------------|------|-----------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-30/01 | 1 | 1,1 | 1,5 | 765 | 401 | 364 | 95 | 132 | 10.35 | 6 | 16.35 |
| FX6-30/02 | 2 | 2,2 | 3 | 930 | 471 | 459 | 95 | 132 | 13.9 | 9 | 22.9 |
| FX6-30/03 | 3 | 3 | 4 | 1084 | 530 | 554 | 95 | 132 | 16.2 | 11 | 27.2 |
| FX6-30/04 | 4 | 4 | 5,5 | 1249/1298 | 600/649 | 649 | 95/142 | 132 | 19.8/40 | 13 | 32.8/53 |
| FX6-30/05 | 5 | 5,5 | 7,5 | 1399/1393 | 655/649 | 744 | 95/142 | 132 | 22.5/40 | 15 | 37.5/55 |
| FX6-30/06 | 6 | 5,5 | 7,5 | 1494/1488 | 655/649 | 839 | 95/142 | 132 | 22.5/40 | 17 | 39.5/57 |
| FX6-30/07 | 7 | 7,5 | 10 | 1729/1612 | 795/678 | 934 | 95/142 | 132 | 28.8/43.5 | 19 | 47.8/62.5 |
| FX6-30/08 | 8 | 7,5 | 10 | 1824/1707 | 795/678 | 1029 | 95/142 | 132 | 28.8/43.5 | 21 | 49.8/64.5 |
| FX6-30/09 | 9 | 9,3 | 12,5 | 1882 | 758 | 1124 | 142 | 132 | 50 | 23 | 73 |
| FX6-30/10 | 10 | 9,3 | 12,5 | 1977 | 758 | 1219 | 142 | 132 | 50 | 25 | 75 |
| FX6-30/11 | 11 | 9,3 | 12,5 | 2072 | 758 | 1314 | 142 | 132 | 50 | 27 | 77 |
| FX6-30/12 | 12 | 11 | 15 | 2209 | 800 | 1409 | 142 | 132 | 55 | 29 | 84 |
| FX6-30/13 | 13 | 11 | 15 | 2304 | 800 | 1504 | 142 | 132 | 55 | 31 | 86 |
| FX6-30/14 | 14 | 13 | 17,5 | 2450 | 851 | 1599 | 142 | 132 | 60 | 33 | 93 |
| FX6-30/15 | 15 | 13 | 17,5 | 2545 | 851 | 1694 | 142 | 132 | 60 | 36 | 96 |
| FX6-30/16 | 16 | 15 | 20 | 2700 | 911 | 1789 | 142 | 132 | 65 | 38 | 103 |
| FX6-30/17 | 17 | 15 | 20 | 2795 | 911 | 1884 | 142 | 132 | 65 | 40 | 105 |
| FX6-30/18 | 18 | 18,5 | 25 | 2952 | 973 | 1979 | 142 | 132 | 72 | 42 | 114 |
| FX6-30/19 | 19 | 18,5 | 25 | 3047 | 973 | 2074 | 142 | 132 | 72 | 44 | 116 |
| FX6-30/20 | 20 | 18,5 | 25 | 3142 | 973 | 2169 | 142 | 132 | 72 | 46 | 118 |



Performance Curves

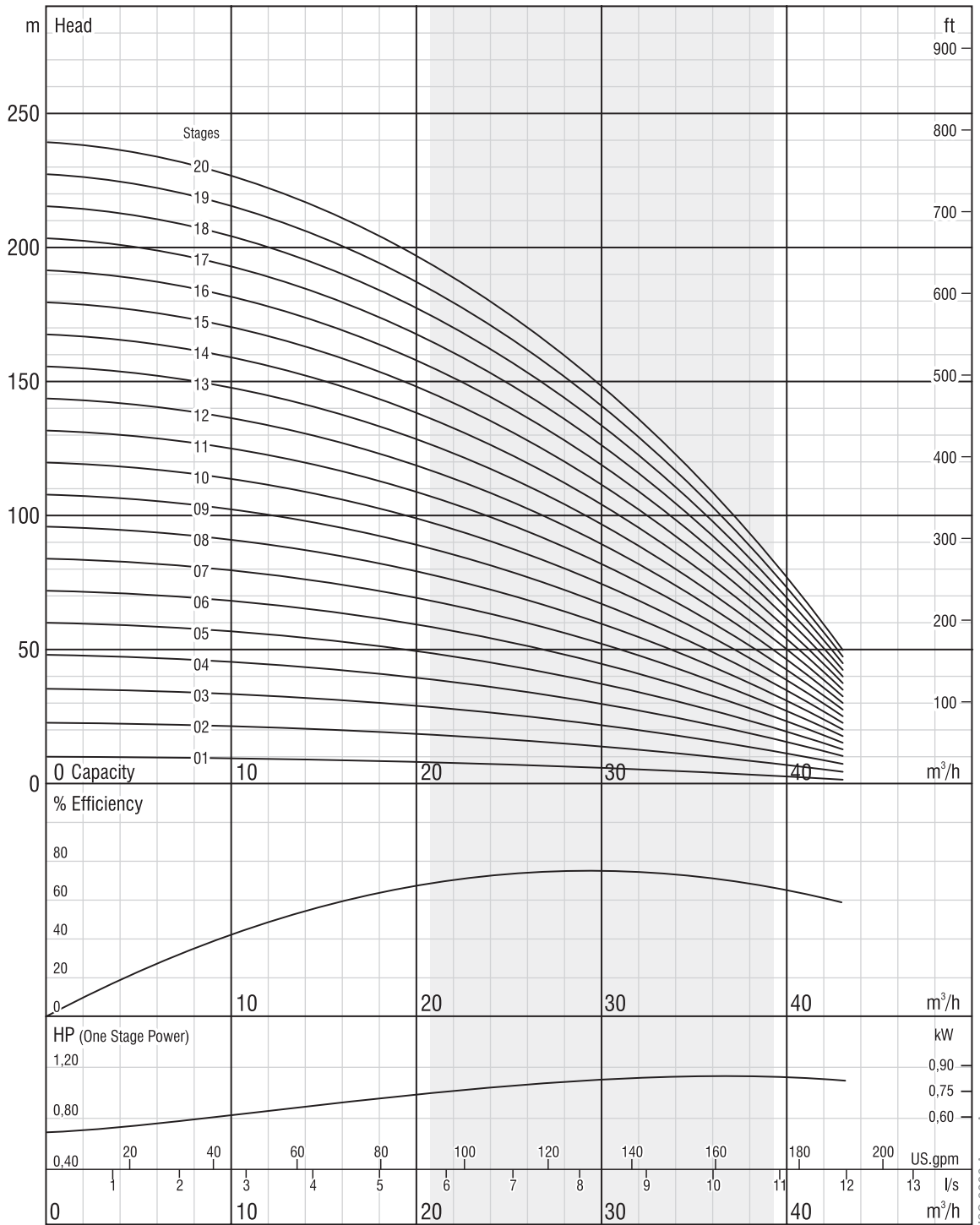
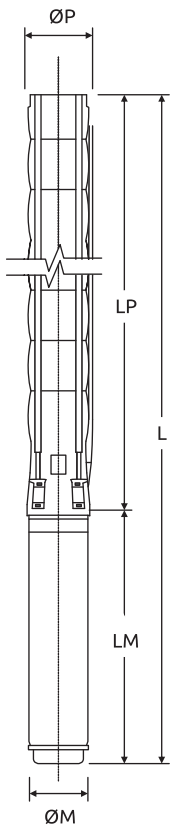
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
132 mm

Outlet Connection Diameter:
3" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

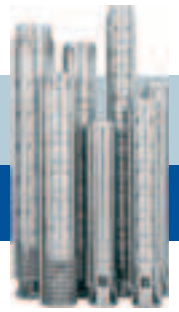


Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 7,2 | 14,4 | 21,6 | 24 | 28,8 | 36 | 43,2 |
|-----------|--------|-------|----|----------------|--------------------------|-----|-----|------|------|-----|------|-----|------|
| | | kW | HP | | | 0 | 2 | 4 | 6 | 6,6 | 8 | 10 | 12 |
| FX6-30/21 | 21 | 18,5 | 25 | 41.8 | Head (m) | 251 | 243 | 225 | 199 | 188 | 162 | 114 | 52 |
| FX6-30/22 | 22 | 22 | 30 | 48.5/46.3 | | 263 | 254 | 236 | 208 | 197 | 170 | 120 | 54 |
| FX6-30/23 | 23 | 22 | 30 | 48.5/46.3 | | 275 | 266 | 247 | 218 | 206 | 178 | 125 | 57 |
| FX6-30/24 | 24 | 22 | 30 | 48.5/46.3 | | 287 | 277 | 257 | 227 | 214 | 185 | 131 | 59 |
| FX6-30/25 | 25 | 26,5 | 35 | 56.4/55.1 | | 299 | 289 | 268 | 236 | 223 | 193 | 136 | 62 |
| FX6-30/26 | 26 | 26,5 | 35 | 56.4/55.1 | | 311 | 301 | 279 | 246 | 232 | 201 | 142 | 64 |
| FX6-30/27 | 27 | 26,5 | 35 | 56.4/55.1 | | 323 | 312 | 290 | 255 | 241 | 209 | 147 | 67 |
| FX6-30/28 | 28 | 26,5 | 35 | 56.4/55.1 | | 334 | 324 | 300 | 265 | 250 | 216 | 152 | 69 |
| FX6-30/29 | 29 | 26,5 | 35 | 56.4/55.1 | | 346 | 335 | 311 | 274 | 259 | 224 | 158 | 72 |
| FX6-30/30 | 30 | 26,5 | 35 | 56.4/55.1 | | 358 | 347 | 322 | 284 | 268 | 232 | 163 | 74 |
| FX6-30/31 | 31 | 30 | 40 | 64.6/62.4/61.7 | | 370 | 358 | 332 | 293 | 277 | 240 | 169 | 77 |
| FX6-30/32 | 32 | 30 | 40 | 64.6/62.4/61.7 | | 382 | 370 | 343 | 303 | 286 | 247 | 174 | 79 |
| FX6-30/33 | 33 | 30 | 40 | 64.6/62.4/61.7 | | 394 | 381 | 354 | 312 | 295 | 255 | 180 | 82 |
| FX6-30/34 | 34 | 30 | 40 | 64.6/62.4/61.7 | | 406 | 393 | 365 | 322 | 304 | 263 | 185 | 84 |
| FX6-30/35 | 35 | 30 | 40 | 64.6/62.4/61.7 | | 418 | 405 | 375 | 331 | 313 | 270 | 191 | 87 |
| FX6-30/36 | 36 | 30 | 40 | 64.6/62.4/61.7 | | 430 | 416 | 386 | 340 | 322 | 278 | 196 | 89 |
| FX6-30/37 | 37 | 37 | 50 | 79.7/77.4/74.3 | | 442 | 428 | 397 | 350 | 331 | 286 | 201 | 92 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|---------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-30/21 | 21 | 18,5 | 25 | 3237 | 973 | 2264 | 142 | 132 | 72 | 48 | 120 |
| FX6-30/22 | 22 | 22 | 30 | 3365/3199 | 1006/840 | 2359 | 142/172 | 132 | 76/81 | 50 | 126/131 |
| FX6-30/23 | 23 | 22 | 30 | 3460/3294 | 1006/840 | 2454 | 142/172 | 132 | 76/81 | 52 | 128/133 |
| FX6-30/24 | 24 | 22 | 30 | 3555/3389 | 1006/840 | 2549 | 142/172 | 132 | 76/81 | 54 | 130/135 |
| FX6-30/25 | 25 | 26,5 | 35 | 3750/3534 | 1106/890 | 2644 | 142/172 | 132 | 87/86 | 56 | 143/142 |
| FX6-30/26 | 26 | 26,5 | 35 | 3845/3629 | 1106/890 | 2739 | 142/172 | 132 | 87/86 | 58 | 145/144 |
| FX6-30/27 | 27 | 26,5 | 35 | 3940/3724 | 1106/890 | 2834 | 142/172 | 132 | 87/86 | 60 | 147/146 |
| FX6-30/28 | 28 | 26,5 | 35 | 4035/3819 | 1106/890 | 2929 | 142/172 | 132 | 87/86 | 63 | 150/149 |
| FX6-30/29 | 29 | 26,5 | 35 | 4130/3914 | 1106/890 | 3024 | 142/172 | 132 | 87/86 | 65 | 152/151 |
| FX6-30/30 | 30 | 26,5 | 35 | 4225/4009 | 1106/890 | 3119 | 142/172 | 132 | 87/86 | 67 | 154/153 |
| FX6-30/31 | 31 | 30 | 40 | 4431/4154/4210 | 1217/940/996 | 3214 | 142/172/192 | 132 | 98/91/120 | 69 | 167/160/189 |
| FX6-30/32 | 32 | 30 | 40 | 4526/4249/4305 | 1217/940/996 | 3309 | 142/172/192 | 132 | 98/91/120 | 71 | 169/162/191 |
| FX6-30/33 | 33 | 30 | 40 | 4621/4344/4400 | 1217/940/996 | 3404 | 142/172/192 | 132 | 98/91/120 | 73 | 171/164/193 |
| FX6-30/34 | 34 | 30 | 40 | 4716/4439/4495 | 1217/940/996 | 3499 | 142/172/192 | 132 | 98/91/120 | 75 | 173/166/195 |
| FX6-30/35 | 35 | 30 | 40 | 4811/4534/4590 | 1217/940/996 | 3594 | 142/172/192 | 132 | 98/91/120 | 77 | 175/168/197 |
| FX6-30/36 | 36 | 30 | 40 | 4906/4629/4685 | 1217/940/996 | 3689 | 142/172/192 | 132 | 98/91/120 | 79 | 177/170/199 |
| FX6-30/37 | 37 | 37 | 50 | 5031/4764/4840 | 1247/980/1056 | 3784 | 142/172/192 | 132 | 103/103/129 | 81 | 184/184/210 |



Performance Curves

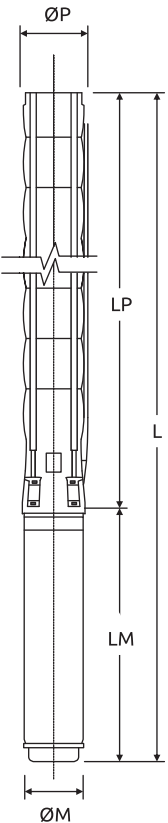
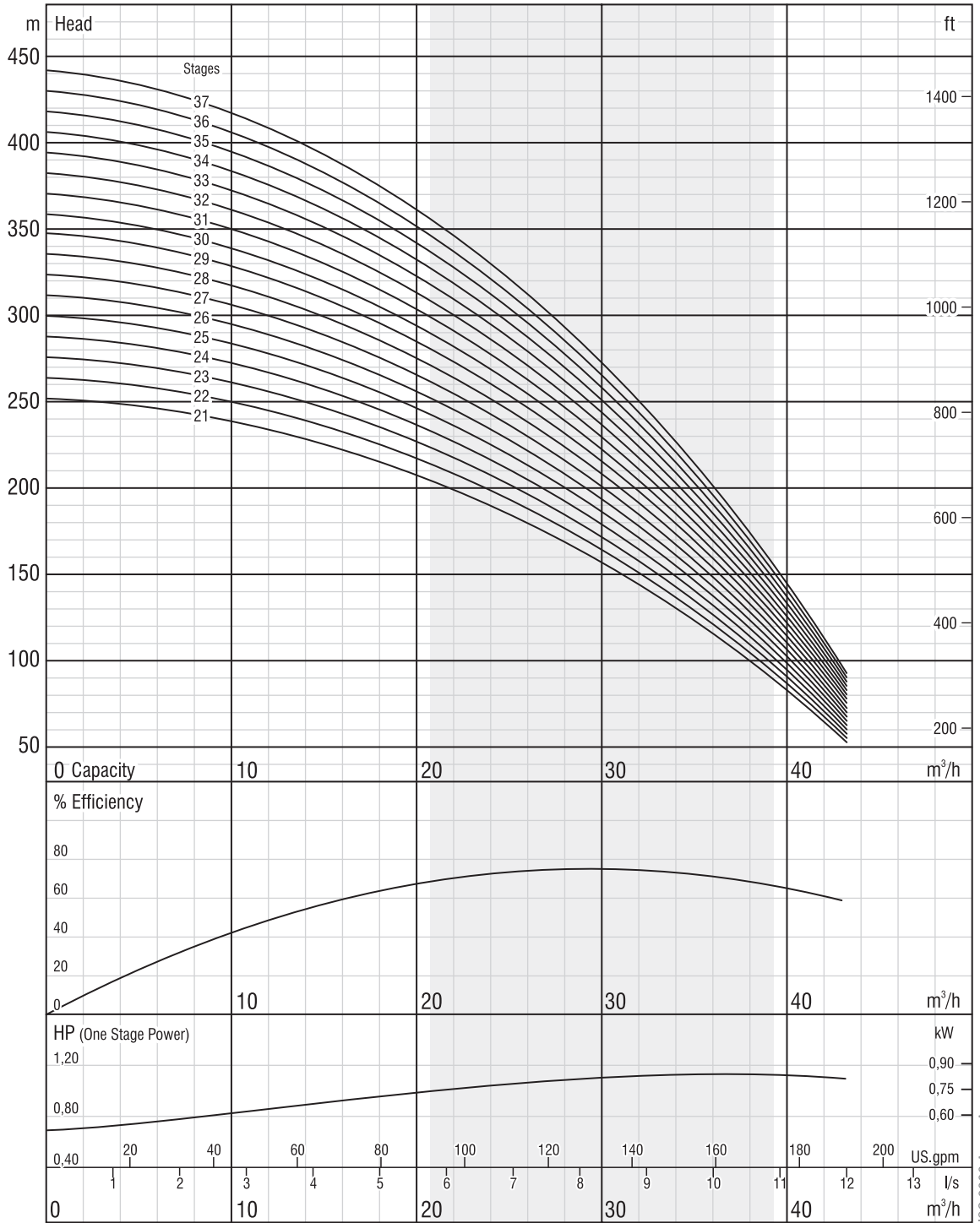
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
132 mm

Outlet Connection Diameter:
3" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.



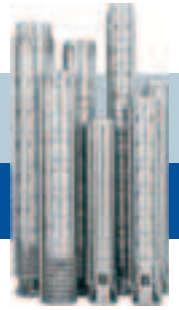
Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 7,2 | 14,4 | 21,6 | 24 | 28,8 | 36 | 43,2 |
|-------------|--------|-------|----|----------------|--------------------------|-----|-----|------|------|-----|------|-----|------|
| | | kW | HP | | | 0 | 2 | 4 | 6 | 6,6 | 8 | 10 | 12 |
| FX6-30/38 | 38 | 37 | 50 | 79.7/74.3/74.3 | Head (m) | 454 | 439 | 407 | 359 | 340 | 294 | 207 | 94 |
| * FX6-30/39 | 39 | 37 | 50 | 79.7/74.3/74.3 | | 466 | 451 | 418 | 369 | 348 | 301 | 212 | 97 |
| * FX6-30/40 | 40 | 37 | 50 | 79.7/74.3/74.3 | | 478 | 462 | 429 | 378 | 357 | 309 | 218 | 99 |
| * FX6-30/41 | 41 | 37 | 50 | 79.7/74.3/74.3 | | 490 | 474 | 440 | 388 | 366 | 317 | 223 | 102 |
| * FX6-30/42 | 42 | 37 | 50 | 79.7/74.3/74.3 | | 502 | 485 | 450 | 397 | 375 | 324 | 229 | 104 |
| * FX6-30/43 | 43 | 45 | 60 | 0/90.3/90.4 | | 514 | 497 | 461 | 407 | 384 | 332 | 234 | 107 |
| * FX6-30/44 | 44 | 45 | 60 | 0/90.3/90.4 | | 526 | 509 | 472 | 416 | 393 | 340 | 240 | 109 |
| * FX6-30/45 | 45 | 45 | 60 | 0/90.3/90.4 | | 538 | 520 | 483 | 426 | 402 | 348 | 245 | 111 |
| * FX6-30/46 | 46 | 45 | 60 | 0/90.3/90.4 | | 550 | 532 | 493 | 435 | 411 | 355 | 250 | 114 |
| * FX6-30/47 | 47 | 45 | 60 | 0/90.3/90.4 | | 561 | 543 | 504 | 444 | 420 | 363 | 256 | 116 |
| * FX6-30/48 | 48 | 45 | 60 | 0/90.3/90.4 | | 573 | 555 | 515 | 454 | 429 | 371 | 261 | 119 |
| * FX6-30/49 | 49 | 45 | 60 | 0/90.3/90.4 | | 585 | 566 | 525 | 463 | 438 | 379 | 267 | 121 |
| * FX6-30/50 | 50 | 45 | 60 | 0/90.3/90.4 | | 597 | 578 | 536 | 473 | 447 | 386 | 272 | 124 |
| * FX6-30/51 | 51 | 45 | 60 | 0/90.3/90.4 | | 609 | 589 | 547 | 482 | 456 | 394 | 278 | 126 |
| * FX6-30/52 | 52 | 52 | 70 | 105.6/103.3 | | 621 | 601 | 558 | 492 | 465 | 402 | 283 | 129 |
| * FX6-30/53 | 53 | 52 | 70 | 105.6/103.3 | | 633 | 613 | 568 | 501 | 474 | 409 | 289 | 131 |
| * FX6-30/54 | 54 | 52 | 70 | 105.6/103.3 | | 645 | 624 | 579 | 511 | 482 | 417 | 294 | 134 |

Pump with jacket *

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-30/38 | 38 | 37 | 50 | 5126/4859/4935 | 1247/980/1056 | 3879 | 142/172/192 | 132 | 103/103/129 | 83 | 186/186/212 |
| FX6-30/39 | 39 | 37 | 50 | 5471/5204/5280 | 1247/980/1056 | 4224 | 142/172/192 | 132 | 103/103/129 | 124 | 227/227/253 |
| FX6-30/40 | 40 | 37 | 50 | 5566/5299/5375 | 1247/980/1056 | 4319 | 142/172/192 | 167 | 103/103/129 | 126 | 229/229/255 |
| FX6-30/41 | 41 | 37 | 50 | 5661/5394/5470 | 1247/980/1056 | 4414 | 142/172/192 | 167 | 103/103/129 | 129 | 232/232/258 |
| FX6-30/42 | 42 | 37 | 50 | 5756/5489/5565 | 1247/980/1056 | 4509 | 142/172/192 | 167 | 103/103/129 | 132 | 235/235/261 |
| FX6-30/43 | 43 | 45 | 60 | 5951/5664/5720 | 1347/1060/1116 | 4604 | 142/172/192 | 167 | 110/113/138 | 134 | 244/247/272 |
| FX6-30/44 | 44 | 45 | 60 | 6046/5759/5815 | 1347/1060/1116 | 4699 | 142/172/192 | 167 | 110/113/138 | 137 | 247/250/275 |
| FX6-30/45 | 45 | 45 | 60 | 6141/5854/5910 | 1347/1060/1116 | 4794 | 142/172/192 | 167 | 110/113/138 | 139 | 249/252/277 |
| FX6-30/46 | 46 | 45 | 60 | 6236/5949/6005 | 1347/1060/1116 | 4889 | 142/172/192 | 167 | 110/113/138 | 142 | 252/255/280 |
| FX6-30/47 | 47 | 45 | 60 | 6331/6044/6100 | 1347/1060/1116 | 4984 | 142/172/192 | 167 | 110/113/138 | 145 | 255/258/283 |
| FX6-30/48 | 48 | 45 | 60 | 6426/6139/6195 | 1347/1060/1116 | 5079 | 142/172/192 | 167 | 110/113/138 | 147 | 257/260/285 |
| FX6-30/49 | 49 | 45 | 60 | 6521/6234/6290 | 1347/1060/1116 | 5174 | 142/172/192 | 167 | 110/113/138 | 150 | 260/263/288 |
| FX6-30/50 | 50 | 45 | 60 | 6616/6329/6385 | 1347/1060/1116 | 5269 | 142/172/192 | 167 | 110/113/138 | 152 | 262/265/290 |
| FX6-30/51 | 51 | 45 | 60 | 6711/6424/6480 | 1347/1060/1116 | 5364 | 142/172/192 | 167 | 110/113/138 | 155 | 265/268/293 |
| FX6-30/52 | 52 | 52 | 70 | 6598/6660 | 1139/1201 | 5459 | 172/192 | 167 | 127/152 | 158 | 285/310 |
| FX6-30/53 | 53 | 52 | 70 | 6693/6755 | 1139/1201 | 5554 | 172/192 | 167 | 127/152 | 160 | 287/312 |
| FX6-30/54 | 54 | 52 | 70 | 6788/6850 | 1139/1201 | 5649 | 172/192 | 167 | 127/152 | 163 | 290/315 |



Performance Curves

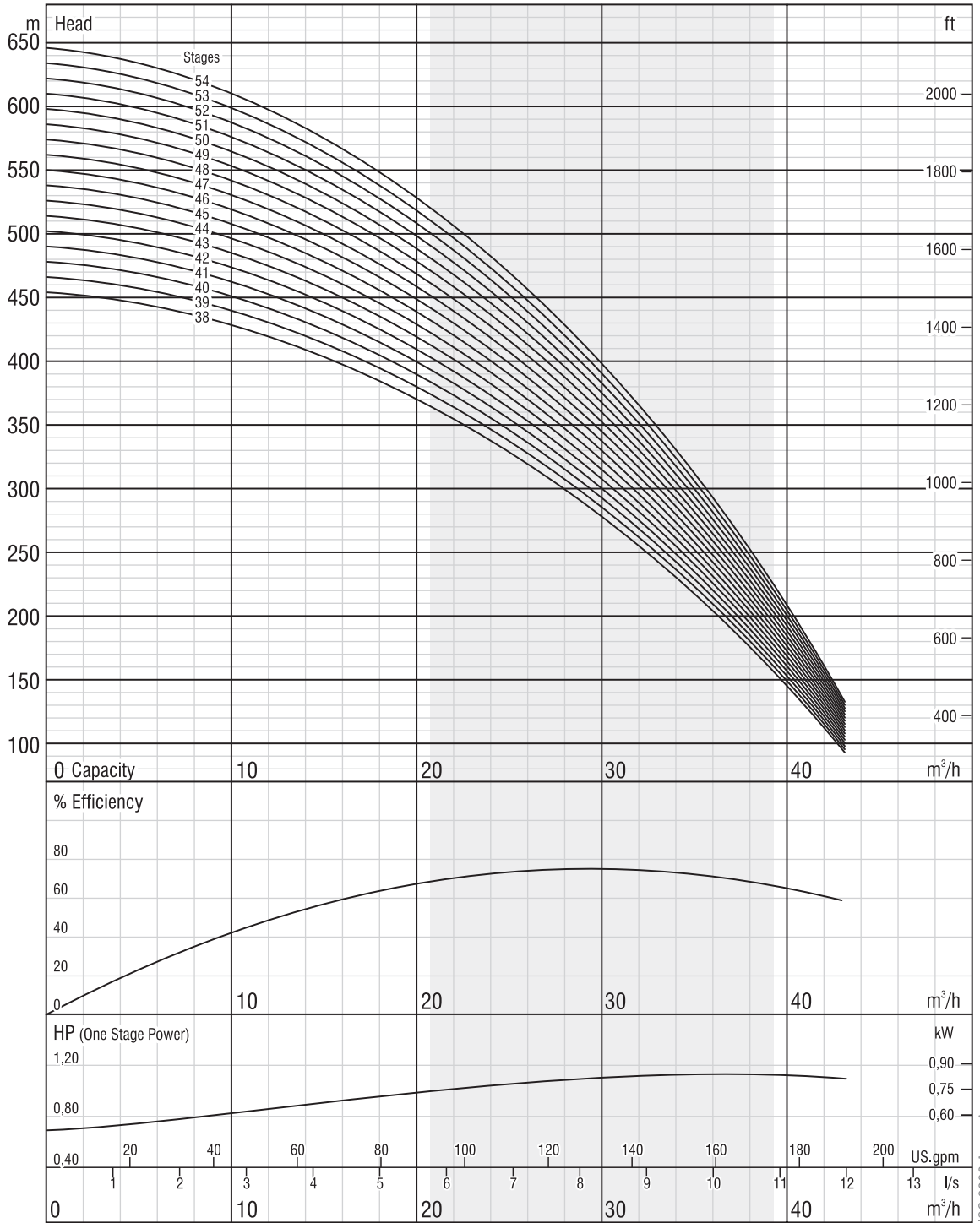
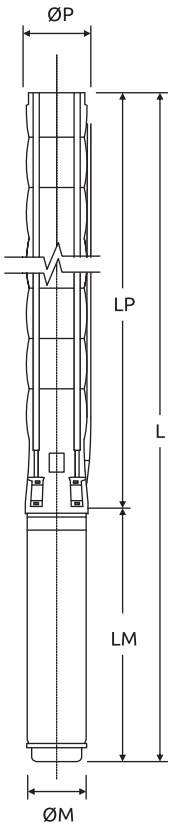
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
132 mm

Outlet Connection Diameter:
3" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 8 | 20 | 30 | 35 | 38 | 41 | 50 |
|-----------|--------|-------|------|-------------|--------------------------|-----|-----|-----|-----|-----|------|------|------|
| | | kW | HP | | | 0 | 2,2 | 5,6 | 8,3 | 9,7 | 10,6 | 11,4 | 13,9 |
| FX6-36/01 | 1 | 1,5 | 2 | 3.8 | Head (m) | 13 | 13 | 11 | 10 | 9 | 8 | 8 | 6 |
| FX6-36/02 | 2 | 3 | 4 | 7.2 | | 27 | 27 | 24 | 21 | 19 | 18 | 18 | 14 |
| FX6-36/03 | 3 | 5,5 | 7,5 | 12.6/13.3 | | 42 | 42 | 37 | 32 | 30 | 29 | 27 | 22 |
| FX6-36/04 | 4 | 7,5 | 10 | 17/17.2 | | 56 | 56 | 50 | 43 | 40 | 38 | 37 | 29 |
| FX6-36/05 | 5 | 7,5 | 10 | 17/17.2 | | 70 | 70 | 62 | 54 | 50 | 48 | 46 | 36 |
| FX6-36/06 | 6 | 9,3 | 12,5 | 20.8 | | 84 | 84 | 74 | 65 | 60 | 58 | 55 | 44 |
| FX6-36/07 | 7 | 11 | 15 | 23.7 | | 98 | 98 | 87 | 76 | 70 | 67 | 64 | 51 |
| FX6-36/08 | 8 | 13 | 17,5 | 28.7 | | 112 | 112 | 99 | 86 | 80 | 77 | 73 | 58 |
| FX6-36/09 | 9 | 13 | 17,5 | 28.7 | | 126 | 126 | 112 | 97 | 91 | 87 | 82 | 65 |
| FX6-36/10 | 10 | 15 | 20 | 33.1 | | 140 | 140 | 124 | 108 | 101 | 96 | 91 | 73 |
| FX6-36/11 | 11 | 18,5 | 25 | 41.8 | | 154 | 154 | 137 | 119 | 111 | 106 | 101 | 80 |
| FX6-36/12 | 12 | 18,5 | 25 | 41.8 | | 167 | 168 | 149 | 130 | 121 | 115 | 110 | 87 |
| FX6-36/13 | 13 | 18,5 | 25 | 41.8 | | 181 | 182 | 161 | 140 | 131 | 125 | 119 | 94 |
| FX6-36/14 | 14 | 22 | 30 | 48.5/46.3 | | 195 | 196 | 174 | 151 | 141 | 135 | 128 | 102 |
| FX6-36/15 | 15 | 22 | 30 | 48.5/46.3 | | 209 | 210 | 186 | 162 | 151 | 144 | 137 | 109 |
| FX6-36/16 | 16 | 26,5 | 35 | 56.4/55.1 | | 223 | 224 | 199 | 173 | 161 | 154 | 146 | 116 |
| FX6-36/17 | 17 | 26,5 | 35 | 56.4/55.1 | | 237 | 238 | 211 | 184 | 171 | 163 | 155 | 123 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|------|-----------------|----------|------|---------|-----|--------------|------|-----------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-36/01 | 1 | 1,5 | 2 | 823 | 441 | 382 | 95 | 144 | 10.4 | 7 | 17.4 |
| FX6-36/02 | 2 | 3 | 4 | 1024 | 530 | 494 | 95 | 144 | 16.2 | 10 | 26.2 |
| FX6-36/03 | 3 | 5,5 | 7,5 | 1261/1255 | 655/649 | 606 | 95/142 | 144 | 22.5/40 | 12 | 34.5/52 |
| FX6-36/04 | 4 | 7,5 | 10 | 1513/1396 | 795/678 | 718 | 95/142 | 144 | 28.8/43.5 | 15 | 43.8/58.5 |
| FX6-36/05 | 5 | 7,5 | 10 | 1625/1508 | 795/678 | 830 | 95/142 | 144 | 28.8/43.5 | 18 | 46.8/61.5 |
| FX6-36/06 | 6 | 9,3 | 12,5 | 1700 | 758 | 942 | 142 | 144 | 50 | 20 | 70 |
| FX6-36/07 | 7 | 11 | 15 | 1854 | 800 | 1054 | 142 | 144 | 55 | 23 | 78 |
| FX6-36/08 | 8 | 13 | 17,5 | 2017 | 851 | 1166 | 142 | 144 | 60 | 26 | 86 |
| FX6-36/09 | 9 | 13 | 17,5 | 2129 | 851 | 1278 | 142 | 144 | 60 | 28 | 88 |
| FX6-36/10 | 10 | 15 | 20 | 2301 | 911 | 1390 | 142 | 144 | 65 | 31 | 96 |
| FX6-36/11 | 11 | 18,5 | 25 | 2475 | 973 | 1502 | 142 | 144 | 72 | 34 | 106 |
| FX6-36/12 | 12 | 18,5 | 25 | 2587 | 973 | 1614 | 142 | 144 | 72 | 36 | 108 |
| FX6-36/13 | 13 | 18,5 | 25 | 2699 | 973 | 1726 | 142 | 144 | 72 | 39 | 111 |
| FX6-36/14 | 14 | 22 | 30 | 2844/2678 | 1006/840 | 1838 | 142/172 | 144 | 76/81 | 42 | 118/123 |
| FX6-36/15 | 15 | 22 | 30 | 2956/2790 | 1006/840 | 1950 | 142/172 | 144 | 76/81 | 44 | 120/125 |
| FX6-36/16 | 16 | 26,5 | 35 | 3168/2952 | 1106/890 | 2062 | 142/172 | 144 | 87/86 | 47 | 134/133 |
| FX6-36/17 | 17 | 26,5 | 35 | 3280/3064 | 1106/890 | 2174 | 142/172 | 144 | 87/86 | 49 | 136/135 |



Performance Curves

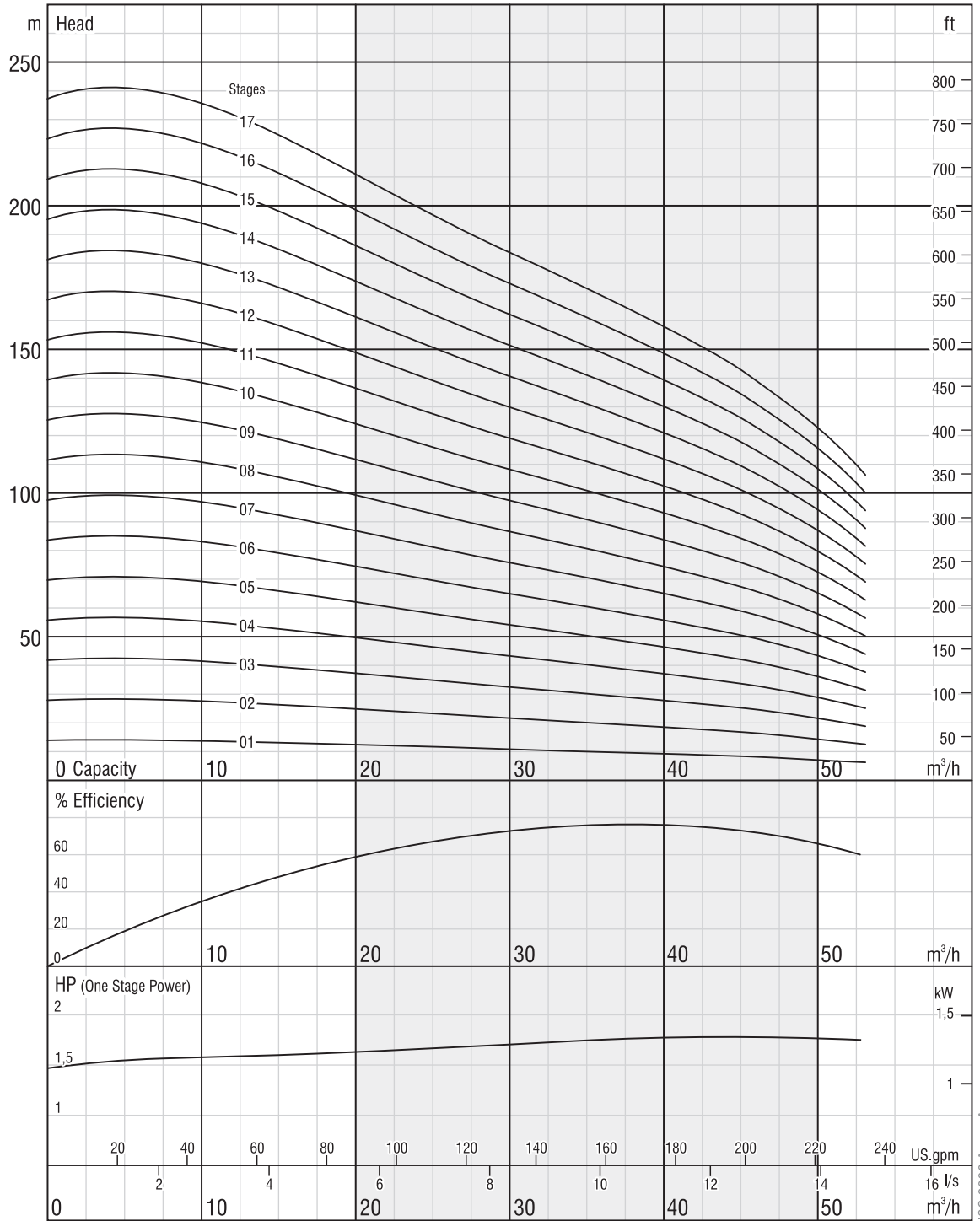
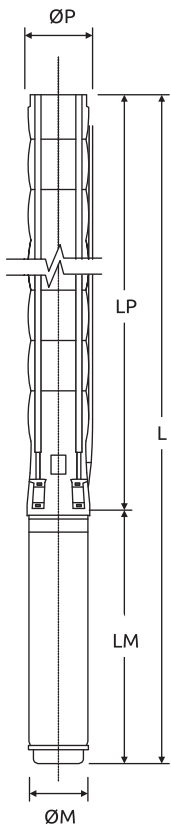
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
144 mm

Outlet Connection Diameter:
4" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 8 | 20 | 30 | 35 | 38 | 41 | 50 |
|-----------|--------|-------|----|----------------|--------------------------|-----|-----|-----|-----|-----|------|------|------|
| | | kW | HP | | | 0 | 2,2 | 5,6 | 8,3 | 9,7 | 10,6 | 11,4 | 13,9 |
| FX6-36/18 | 18 | 26,5 | 35 | 56.4/55.1 | Head (m) | 251 | 252 | 223 | 194 | 181 | 173 | 165 | 131 |
| FX6-36/19 | 19 | 30 | 40 | 64.6/62.4/61.7 | | 265 | 266 | 236 | 205 | 191 | 183 | 174 | 138 |
| FX6-36/20 | 20 | 30 | 40 | 64.6/62.4/61.7 | | 279 | 280 | 248 | 216 | 201 | 192 | 183 | 145 |
| FX6-36/21 | 21 | 30 | 40 | 64.6/62.4/61.7 | | 293 | 294 | 261 | 227 | 211 | 202 | 192 | 152 |
| FX6-36/22 | 22 | 37 | 50 | 79.7/74.3/74.3 | | 307 | 308 | 273 | 238 | 221 | 211 | 201 | 160 |
| FX6-36/23 | 23 | 37 | 50 | 79.7/74.3/74.3 | | 321 | 322 | 285 | 248 | 231 | 221 | 210 | 167 |
| FX6-36/24 | 24 | 37 | 50 | 79.7/74.3/74.3 | | 335 | 337 | 298 | 259 | 241 | 231 | 219 | 174 |
| FX6-36/25 | 25 | 37 | 50 | 79.7/74.3/74.3 | | 349 | 351 | 310 | 270 | 251 | 240 | 229 | 181 |
| FX6-36/26 | 26 | 45 | 60 | 0/90.3/90.4 | | 363 | 365 | 323 | 281 | 262 | 250 | 238 | 189 |
| FX6-36/27 | 27 | 45 | 60 | 0/90.3/90.4 | | 377 | 379 | 335 | 292 | 272 | 260 | 247 | 196 |
| FX6-36/28 | 28 | 45 | 60 | 0/90.3/90.4 | | 391 | 393 | 347 | 303 | 282 | 269 | 256 | 203 |
| FX6-36/29 | 29 | 45 | 60 | 0/90.3/90.4 | | 405 | 407 | 360 | 313 | 292 | 279 | 265 | 210 |
| FX6-36/30 | 30 | 45 | 60 | 0/90.3/90.4 | | 419 | 421 | 372 | 324 | 302 | 288 | 274 | 218 |
| FX6-36/31 | 31 | 45 | 60 | 0/90.3/90.4 | | 433 | 435 | 385 | 335 | 312 | 298 | 283 | 225 |
| FX6-36/32 | 32 | 52 | 70 | 105.6/103.3 | | 447 | 449 | 397 | 346 | 322 | 308 | 293 | 232 |
| FX6-36/33 | 33 | 52 | 70 | 105.6/103.3 | | 461 | 463 | 410 | 357 | 332 | 317 | 302 | 239 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-36/18 | 18 | 26,5 | 35 | 3392/3176 | 1106/890 | 2286 | 142/172 | 144 | 87/86 | 52 | 139/138 |
| FX6-36/19 | 19 | 30 | 40 | 3615/3338/3394 | 1217/940/996 | 2398 | 142/172/192 | 144 | 98/91/120 | 55 | 153/146/175 |
| FX6-36/20 | 20 | 30 | 40 | 3727/3450/3506 | 1217/940/996 | 2510 | 142/172/192 | 144 | 98/91/120 | 57 | 155/148/177 |
| FX6-36/21 | 21 | 30 | 40 | 3839/3562/3618 | 1217/940/996 | 2622 | 142/172/192 | 144 | 98/91/120 | 60 | 158/151/180 |
| FX6-36/22 | 22 | 37 | 50 | 3981/3714/3790 | 1247/980/1056 | 2734 | 142/172/192 | 144 | 103/103/129 | 63 | 166/166/192 |
| FX6-36/23 | 23 | 37 | 50 | 4093/3826/3902 | 1247/980/1056 | 2846 | 142/172/192 | 144 | 103/103/129 | 65 | 168/168/194 |
| FX6-36/24 | 24 | 37 | 50 | 4205/3938/4014 | 1247/980/1056 | 2958 | 142/172/192 | 144 | 103/103/129 | 68 | 171/171/197 |
| FX6-36/25 | 25 | 37 | 50 | 4317/4050/4126 | 1247/980/1056 | 3070 | 142/172/192 | 144 | 103/103/129 | 71 | 174/174/200 |
| FX6-36/26 | 26 | 45 | 60 | 4529/4242/4298 | 1347/1060/1116 | 3182 | 142/172/192 | 144 | 110/113/138 | 73 | 183/186/211 |
| FX6-36/27 | 27 | 45 | 60 | 4641/4354/4410 | 1347/1060/1116 | 3294 | 142/172/192 | 144 | 110/113/138 | 76 | 186/189/214 |
| FX6-36/28 | 28 | 45 | 60 | 4753/4466/4522 | 1347/1060/1116 | 3406 | 142/172/192 | 144 | 110/113/138 | 79 | 189/192/217 |
| FX6-36/29 | 29 | 45 | 60 | 4865/4578/4634 | 1347/1060/1116 | 3518 | 142/172/192 | 144 | 110/113/138 | 81 | 191/194/219 |
| FX6-36/30 | 30 | 45 | 60 | 4977/4690/4746 | 1347/1060/1116 | 3630 | 142/172/192 | 144 | 110/113/138 | 84 | 194/197/222 |
| FX6-36/31 | 31 | 45 | 60 | 5089/4802/4858 | 1347/1060/1116 | 3742 | 142/172/192 | 144 | 110/113/138 | 86 | 196/199/224 |
| FX6-36/32 | 32 | 52 | 70 | 4993/5055 | 1139/1201 | 3854 | 172/192 | 144 | 127/152 | 89 | 216/241 |
| FX6-36/33 | 33 | 52 | 70 | 5105/5167 | 1139/1201 | 3966 | 172/192 | 144 | 127/152 | 92 | 219/244 |



Performance Curves

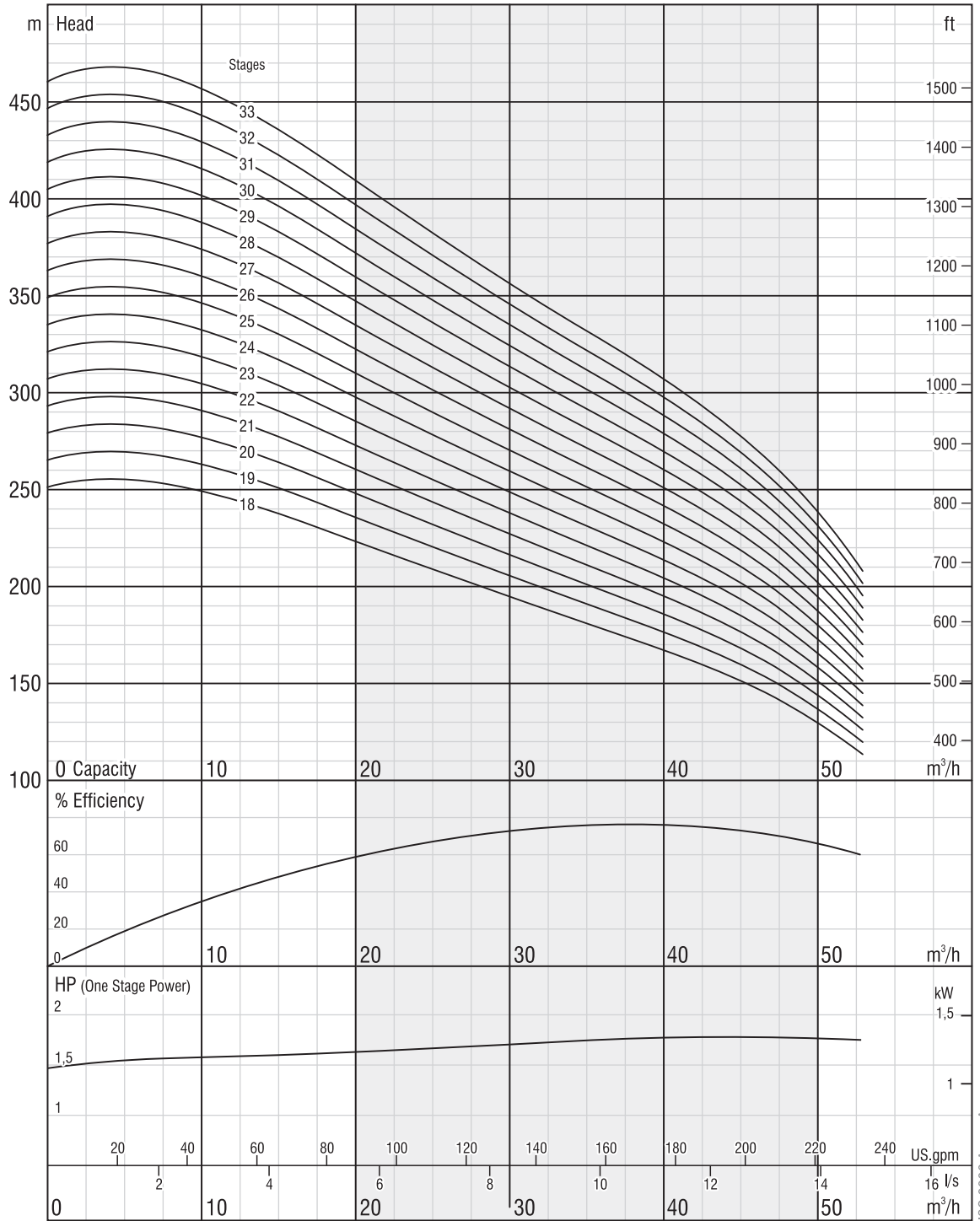
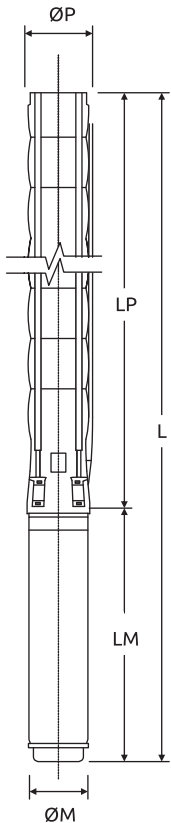
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
144 mm

Outlet Connection Diameter:
4" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 21,6 | 28,8 | 36 | 43,2 | 46,8 | 50,4 | 58 | |
|-----------|--------|-------|------|----------------|--------------------------|-----|------|------|-----|------|------|------|------|-----|
| | | kW | HP | | | 0 | 6 | 8 | 10 | 12 | 13 | 14 | 16,1 | |
| FX6-45/01 | 1 | 2,2 | 3 | 5.3 | Head (m) | 15 | 12 | 11 | 9 | 8 | 7 | 7 | 5 | |
| FX6-45/02 | 2 | 3 | 4 | 7.2 | | 29 | 25 | 22 | 19 | 17 | 16 | 14 | 14 | 11 |
| FX6-45/03 | 3 | 5,5 | 7,5 | 12.6/13.3 | | 45 | 39 | 35 | 32 | 28 | 26 | 24 | 24 | 20 |
| FX6-45/04 | 4 | 7,5 | 10 | 17/17.2 | | 60 | 52 | 47 | 42 | 38 | 35 | 32 | 32 | 26 |
| FX6-45/05 | 5 | 7,5 | 10 | 17/17.2 | | 74 | 65 | 59 | 53 | 47 | 44 | 41 | 41 | 33 |
| FX6-45/06 | 6 | 9,3 | 12,5 | 20.8 | | 89 | 78 | 71 | 64 | 56 | 53 | 49 | 49 | 39 |
| FX6-45/07 | 7 | 11 | 15 | 23.7 | | 104 | 91 | 83 | 74 | 66 | 61 | 57 | 57 | 46 |
| FX6-45/08 | 8 | 13 | 17,5 | 28.7 | | 119 | 104 | 95 | 85 | 75 | 70 | 65 | 65 | 52 |
| FX6-45/09 | 9 | 15 | 20 | 33.1 | | 134 | 117 | 106 | 95 | 85 | 79 | 73 | 73 | 59 |
| FX6-45/10 | 10 | 18,5 | 25 | 41.8 | | 149 | 130 | 118 | 106 | 94 | 88 | 81 | 81 | 65 |
| FX6-45/11 | 11 | 18,5 | 25 | 41.8 | | 164 | 144 | 130 | 117 | 103 | 96 | 89 | 89 | 72 |
| FX6-45/12 | 12 | 22 | 30 | 48.5/46.3 | | 179 | 157 | 142 | 127 | 113 | 105 | 97 | 97 | 78 |
| FX6-45/13 | 13 | 22 | 30 | 48.5/46.3 | | 193 | 170 | 154 | 138 | 122 | 114 | 106 | 106 | 85 |
| FX6-45/14 | 14 | 22 | 30 | 48.5/46.3 | | 208 | 183 | 166 | 148 | 131 | 123 | 114 | 114 | 91 |
| FX6-45/15 | 15 | 26,5 | 35 | 56.4/55.1 | | 223 | 196 | 177 | 159 | 141 | 132 | 122 | 122 | 98 |
| FX6-45/16 | 16 | 26,5 | 35 | 56.4/55.1 | | 238 | 209 | 189 | 170 | 150 | 140 | 130 | 130 | 104 |
| FX6-45/17 | 17 | 30 | 40 | 64.6/62.4/61.7 | | 253 | 222 | 201 | 180 | 160 | 149 | 138 | 138 | 111 |
| FX6-45/18 | 18 | 30 | 40 | 64.6/62.4/61.7 | | 268 | 235 | 213 | 191 | 169 | 158 | 146 | 146 | 117 |
| FX6-45/19 | 19 | 37 | 50 | 79.7/74.3/74.3 | | 283 | 248 | 225 | 201 | 178 | 167 | 154 | 154 | 124 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|------|-----------------|---------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-45/01 | 1 | 2,2 | 3 | 853 | 471 | 382 | 95 | 144 | 13.9 | 7 | 20.9 |
| FX6-45/02 | 2 | 3 | 4 | 1024 | 530 | 494 | 95 | 144 | 16.2 | 10 | 26.2 |
| FX6-45/03 | 3 | 5,5 | 7,5 | 1261/1255 | 655/649 | 606 | 95/142 | 144 | 22.5/40 | 12 | 34.5/52 |
| FX6-45/04 | 4 | 7,5 | 10 | 1513/1396 | 795/678 | 718 | 95/142 | 144 | 28.8/43.5 | 15 | 43.8/58.5 |
| FX6-45/05 | 5 | 7,5 | 10 | 1625/1508 | 795/678 | 830 | 95/142 | 144 | 28.8/43.5 | 18 | 46.8/61.5 |
| FX6-45/06 | 6 | 9,3 | 12,5 | 1700 | 758 | 942 | 142 | 144 | 50 | 20 | 70 |
| FX6-45/07 | 7 | 11 | 15 | 1854 | 800 | 1054 | 142 | 144 | 55 | 23 | 78 |
| FX6-45/08 | 8 | 13 | 17,5 | 2017 | 851 | 1166 | 142 | 144 | 60 | 26 | 86 |
| FX6-45/09 | 9 | 15 | 20 | 2189 | 911 | 1278 | 142 | 144 | 65 | 28 | 93 |
| FX6-45/10 | 10 | 18,5 | 25 | 2363 | 973 | 1390 | 142 | 144 | 72 | 31 | 103 |
| FX6-45/11 | 11 | 18,5 | 25 | 2475 | 973 | 1502 | 142 | 144 | 72 | 34 | 106 |
| FX6-45/12 | 12 | 22 | 30 | 2620/2454 | 1006/840 | 1614 | 142/172 | 144 | 76/81 | 36 | 112/117 |
| FX6-45/13 | 13 | 22 | 30 | 2732/2566 | 1006/840 | 1726 | 142/172 | 144 | 76/81 | 39 | 115/120 |
| FX6-45/14 | 14 | 22 | 30 | 2844/2678 | 1006/840 | 1838 | 142/172 | 144 | 76/81 | 42 | 118/123 |
| FX6-45/15 | 15 | 26,5 | 35 | 3056/2840 | 1106/890 | 1950 | 142/172 | 144 | 87/86 | 44 | 131/130 |
| FX6-45/16 | 16 | 26,5 | 35 | 3168/2952 | 1106/890 | 2062 | 142/172 | 144 | 87/86 | 47 | 134/133 |
| FX6-45/17 | 17 | 30 | 40 | 3391/3114/3170 | 1217/940/996 | 2174 | 142/172/192 | 144 | 98/91/120 | 49 | 147/140/169 |
| FX6-45/18 | 18 | 30 | 40 | 3503/3226/3282 | 1217/940/996 | 2286 | 142/172/192 | 144 | 98/91/120 | 52 | 150/143/172 |
| FX6-45/19 | 19 | 37 | 50 | 3645/3378/3454 | 1247/980/1056 | 2398 | 142/172/192 | 144 | 103/103/129 | 55 | 158/158/184 |



Performance Curves

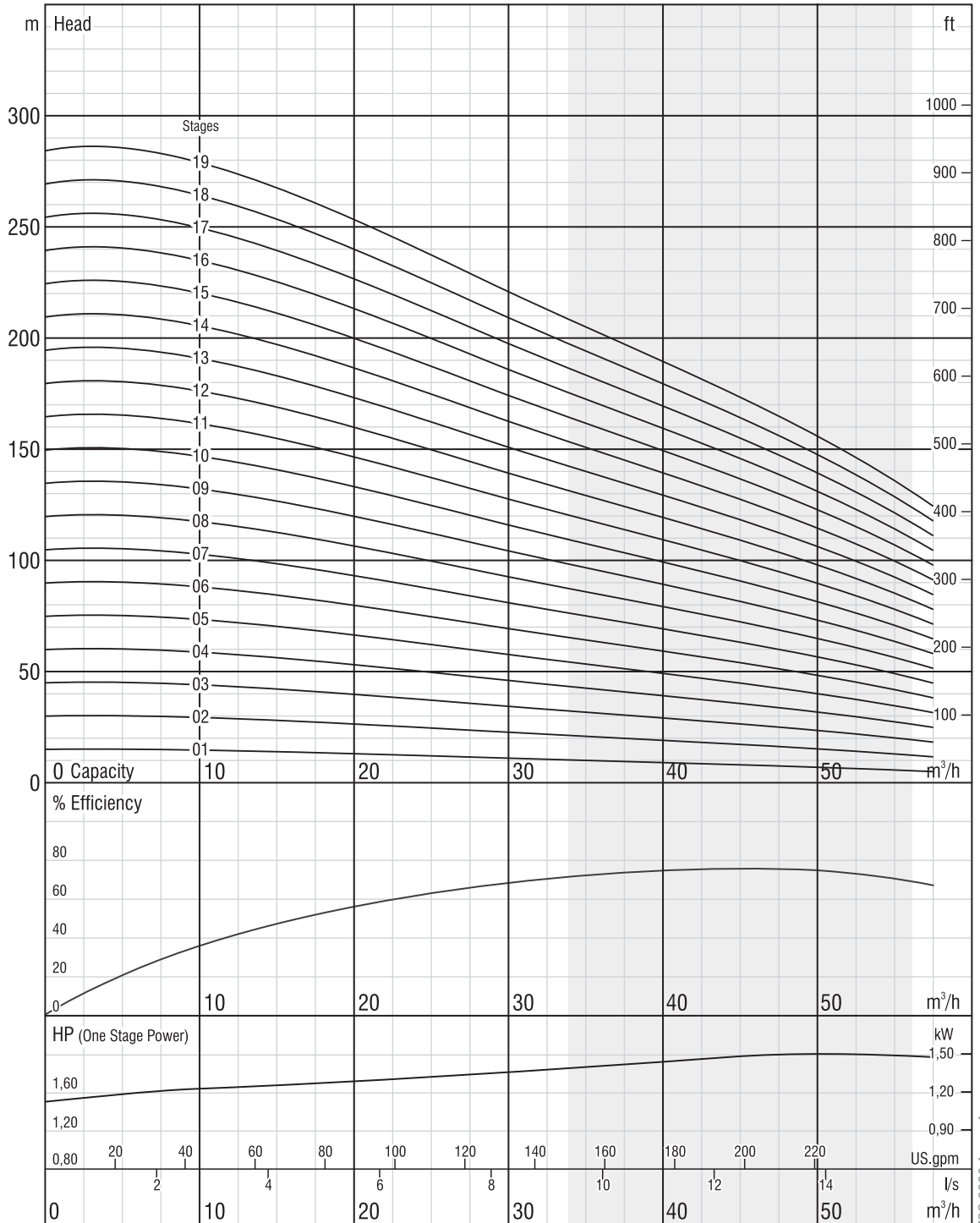
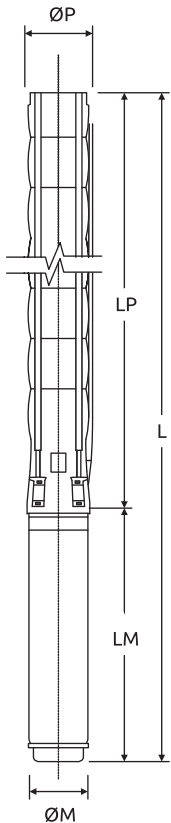
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
144 mm

Outlet Connection Diameter:
4" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

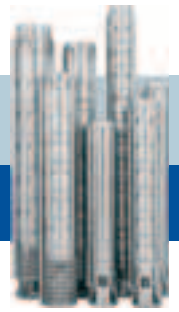


Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 21,6 | 28,8 | 36 | 43,2 | 46,8 | 50,4 | 58 |
|-----------|--------|-------|----|----------------|--------------------------|-----|------|------|-----|------|------|------|------|
| | | kW | HP | | | 0 | 6 | 8 | 10 | 12 | 13 | 14 | 16,1 |
| FX6-45/20 | 20 | 37 | 50 | 79.7/74.3/74.3 | Head (m) | 298 | 261 | 237 | 212 | 188 | 175 | 162 | 130 |
| FX6-45/21 | 21 | 37 | 50 | 79.7/74.3/74.3 | | 313 | 274 | 248 | 223 | 197 | 184 | 171 | 137 |
| FX6-45/22 | 22 | 37 | 50 | 79.7/74.3/74.3 | | 327 | 287 | 260 | 233 | 207 | 193 | 179 | 144 |
| FX6-45/23 | 23 | 37 | 50 | 79.7/74.3/74.3 | | 342 | 300 | 272 | 244 | 216 | 202 | 187 | 150 |
| FX6-45/24 | 24 | 45 | 60 | 0/90.3/90.4 | | 357 | 313 | 284 | 254 | 225 | 211 | 195 | 157 |
| FX6-45/25 | 25 | 45 | 60 | 0/90.3/90.4 | | 372 | 326 | 296 | 265 | 235 | 219 | 203 | 163 |
| FX6-45/26 | 26 | 45 | 60 | 0/90.3/90.4 | | 387 | 339 | 307 | 276 | 244 | 228 | 211 | 170 |
| FX6-45/27 | 27 | 45 | 60 | 0/90.3/90.4 | | 402 | 352 | 319 | 286 | 254 | 237 | 219 | 176 |
| FX6-45/28 | 28 | 45 | 60 | 0/90.3/90.4 | | 417 | 365 | 331 | 297 | 263 | 246 | 227 | 183 |
| FX6-45/29 | 29 | 45 | 60 | 0/90.3/90.4 | | 432 | 378 | 343 | 307 | 272 | 254 | 236 | 189 |
| FX6-45/30 | 30 | 45 | 60 | 0/90.3/90.4 | | 447 | 391 | 355 | 318 | 282 | 263 | 244 | 196 |
| FX6-45/31 | 31 | 55 | 75 | 112.9/110.5 | | 461 | 404 | 367 | 329 | 291 | 272 | 252 | 202 |
| FX6-45/32 | 32 | 55 | 75 | 112.9/110.5 | | 476 | 417 | 378 | 339 | 300 | 281 | 260 | 209 |
| FX6-45/33 | 33 | 55 | 75 | 112.9/110.5 | | 491 | 431 | 390 | 350 | 310 | 289 | 268 | 215 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-45/20 | 20 | 37 | 50 | 3757/3490/3566 | 1247/980/1056 | 2510 | 142/172/192 | 144 | 103/103/129 | 57 | 160/160/186 |
| FX6-45/21 | 21 | 37 | 50 | 3869/3602/3678 | 1247/980/1056 | 2622 | 142/172/192 | 144 | 103/103/129 | 60 | 163/163/189 |
| FX6-45/22 | 22 | 37 | 50 | 3981/3714/3790 | 1247/980/1056 | 2734 | 142/172/192 | 144 | 103/103/129 | 63 | 166/166/192 |
| FX6-45/23 | 23 | 37 | 50 | 4093/3826/3902 | 1247/980/1056 | 2846 | 142/172/192 | 144 | 103/103/129 | 65 | 168/168/194 |
| FX6-45/24 | 24 | 45 | 60 | 4305/4018/4074 | 1347/1060/1116 | 2958 | 142/172/192 | 144 | 110/113/138 | 68 | 178/181/206 |
| FX6-45/25 | 25 | 45 | 60 | 4417/4130/4186 | 1347/1060/1116 | 3070 | 142/172/192 | 144 | 110/113/138 | 71 | 181/184/209 |
| FX6-45/26 | 26 | 45 | 60 | 4529/4242/4298 | 1347/1060/1116 | 3182 | 142/172/192 | 144 | 110/113/138 | 73 | 183/186/211 |
| FX6-45/27 | 27 | 45 | 60 | 4641/4354/4410 | 1347/1060/1116 | 3294 | 142/172/192 | 144 | 110/113/138 | 76 | 186/189/214 |
| FX6-45/28 | 28 | 45 | 60 | 4753/4466/4522 | 1347/1060/1116 | 3406 | 142/172/192 | 144 | 110/113/138 | 79 | 189/192/217 |
| FX6-45/29 | 29 | 45 | 60 | 4865/4578/4634 | 1347/1060/1116 | 3518 | 142/172/192 | 144 | 110/113/138 | 81 | 191/194/219 |
| FX6-45/30 | 30 | 45 | 60 | 4977/4690/4746 | 1347/1060/1116 | 3630 | 142/172/192 | 144 | 110/113/138 | 84 | 194/197/222 |
| FX6-45/31 | 31 | 55 | 75 | 4960/5028 | 1218/1286 | 3742 | 172/192 | 144 | 138/170 | 86 | 224/256 |
| FX6-45/32 | 32 | 55 | 75 | 5072/5140 | 1218/1286 | 3854 | 172/192 | 144 | 138/170 | 89 | 227/259 |
| FX6-45/33 | 33 | 55 | 75 | 5184/5252 | 1218/1286 | 3966 | 172/192 | 144 | 138/170 | 92 | 230/262 |



Performance Curves

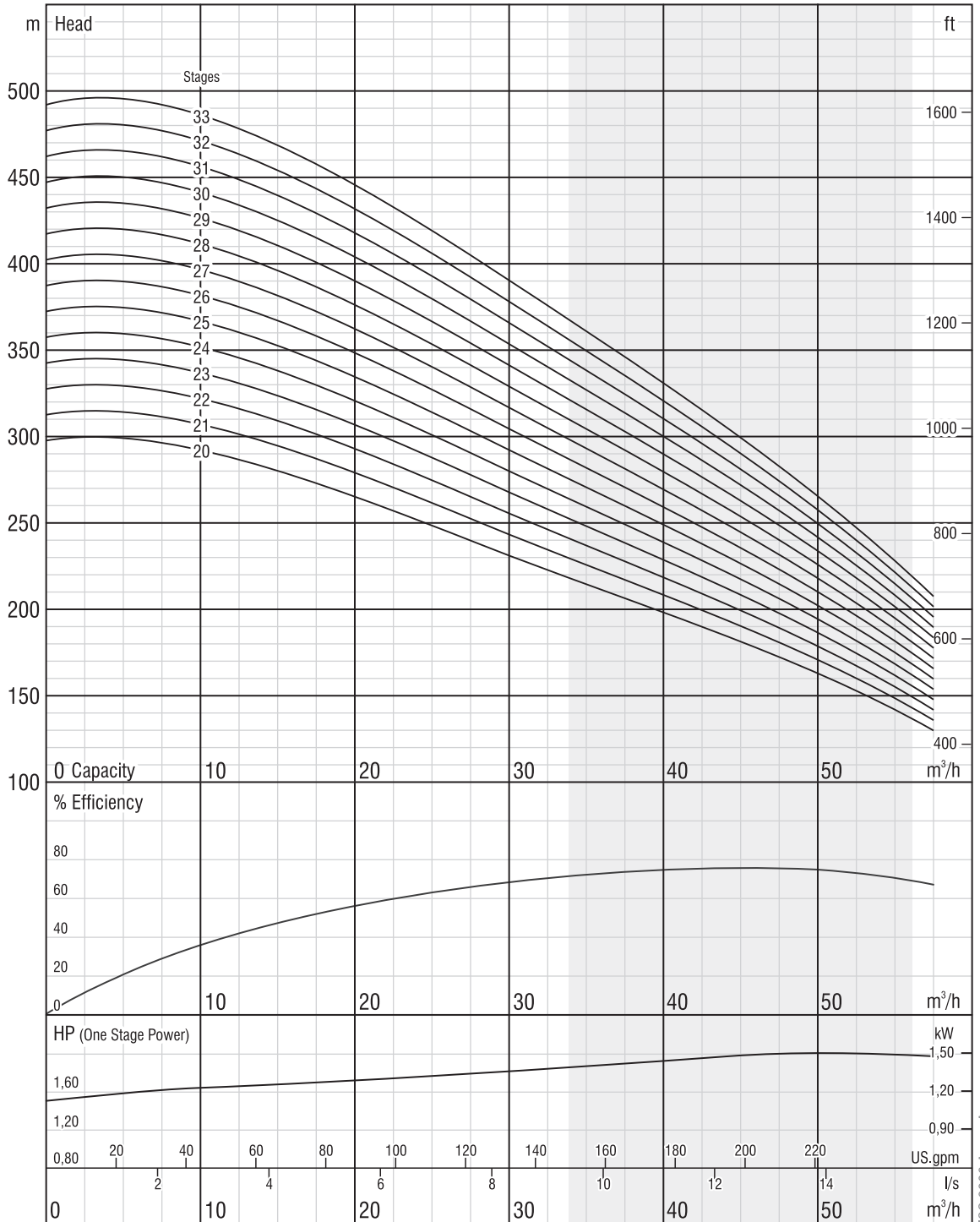
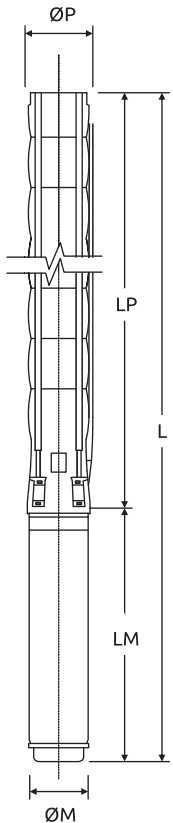
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
144 mm

Outlet Connection Diameter:
4" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 30 | 36 | 43 | 51 | 58 | 65 | 72 |
|-----------|--------|-------|------|----------------|--------------------------|-----|-----|-----|------|------|------|------|-----|
| | | kW | HP | | | 0 | 8,3 | 10 | 11,9 | 14,2 | 16,1 | 18,1 | 20 |
| FX6-60/01 | 1 | 2,2 | 3 | 5.3 | Head (m) | 14 | 10 | 9 | 8 | 7 | 6 | 5 | 3 |
| FX6-60/02 | 2 | 4 | 5,5 | 9.5/10.2 | | 30 | 23 | 22 | 20 | 19 | 17 | 15 | 12 |
| FX6-60/03 | 3 | 5,5 | 7,5 | 12.6/13.3 | | 44 | 35 | 33 | 31 | 28 | 26 | 23 | 18 |
| FX6-60/04 | 4 | 7,5 | 10 | 17/17.2 | | 59 | 47 | 44 | 41 | 38 | 35 | 31 | 25 |
| FX6-60/05 | 5 | 9,3 | 12,5 | 20.8 | | 74 | 59 | 55 | 51 | 47 | 43 | 38 | 31 |
| FX6-60/06 | 6 | 11 | 15 | 23.7 | | 89 | 70 | 66 | 61 | 56 | 52 | 46 | 37 |
| FX6-60/07 | 7 | 13 | 17,5 | 28.7 | | 104 | 82 | 77 | 72 | 66 | 60 | 53 | 43 |
| FX6-60/08 | 8 | 15 | 20 | 33.1 | | 118 | 94 | 88 | 82 | 75 | 69 | 61 | 49 |
| FX6-60/09 | 9 | 18,5 | 25 | 41.8 | | 133 | 105 | 99 | 92 | 85 | 78 | 69 | 55 |
| FX6-60/10 | 10 | 18,5 | 25 | 41.8 | | 148 | 117 | 110 | 102 | 94 | 86 | 76 | 62 |
| FX6-60/11 | 11 | 22 | 30 | 48.5/46.3 | | 163 | 129 | 121 | 112 | 104 | 95 | 84 | 68 |
| FX6-60/12 | 12 | 22 | 30 | 48.5/46.3 | | 178 | 140 | 132 | 123 | 113 | 104 | 92 | 74 |
| FX6-60/13 | 13 | 26,5 | 35 | 56.4/55.1 | | 192 | 152 | 143 | 133 | 122 | 112 | 99 | 80 |
| FX6-60/14 | 14 | 26,5 | 35 | 56.4/55.1 | | 207 | 164 | 154 | 143 | 132 | 121 | 107 | 86 |
| FX6-60/15 | 15 | 30 | 40 | 64.6/62.4/61.7 | | 222 | 176 | 165 | 153 | 141 | 130 | 114 | 92 |
| FX6-60/16 | 16 | 30 | 40 | 64.6/62.4/61.7 | | 237 | 187 | 176 | 164 | 151 | 138 | 122 | 99 |
| FX6-60/17 | 17 | 30 | 40 | 64.6/62.4/61.7 | | 252 | 199 | 187 | 174 | 160 | 147 | 130 | 105 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|------|-----------------|--------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-60/01 | 1 | 2,2 | 3 | 853 | 471 | 382 | 95 | 144 | 13.9 | 7 | 20.9 |
| FX6-60/02 | 2 | 4 | 5,5 | 1094/1143 | 600/649 | 494 | 95/142 | 144 | 19.8/40 | 10 | 29.8/50 |
| FX6-60/03 | 3 | 5,5 | 7,5 | 1261/1255 | 655/649 | 606 | 95/142 | 144 | 22.5/40 | 12 | 34.5/52 |
| FX6-60/04 | 4 | 7,5 | 10 | 1513/1396 | 795/678 | 718 | 95/142 | 144 | 28.8/43.5 | 15 | 43.8/58.5 |
| FX6-60/05 | 5 | 9,3 | 12,5 | 1588 | 758 | 830 | 142 | 144 | 50 | 18 | 68 |
| FX6-60/06 | 6 | 11 | 15 | 1742 | 800 | 942 | 142 | 144 | 55 | 20 | 75 |
| FX6-60/07 | 7 | 13 | 17,5 | 1905 | 851 | 1054 | 142 | 144 | 60 | 23 | 83 |
| FX6-60/08 | 8 | 15 | 20 | 2077 | 911 | 1166 | 142 | 144 | 65 | 26 | 91 |
| FX6-60/09 | 9 | 18,5 | 25 | 2251 | 973 | 1278 | 142 | 144 | 72 | 28 | 100 |
| FX6-60/10 | 10 | 18,5 | 25 | 2363 | 973 | 1390 | 142 | 144 | 72 | 31 | 103 |
| FX6-60/11 | 11 | 22 | 30 | 2508/2342 | 1006/840 | 1502 | 142/172 | 144 | 76/81 | 34 | 110/115 |
| FX6-60/12 | 12 | 22 | 30 | 2620/2454 | 1006/840 | 1614 | 142/172 | 144 | 76/81 | 36 | 112/117 |
| FX6-60/13 | 13 | 26,5 | 35 | 2832/2616 | 1106/890 | 1726 | 142/172 | 144 | 87/86 | 39 | 126/125 |
| FX6-60/14 | 14 | 26,5 | 35 | 2944/2728 | 1106/890 | 1838 | 142/172 | 144 | 87/86 | 42 | 129/128 |
| FX6-60/15 | 15 | 30 | 40 | 3167/2890/2946 | 1217/940/996 | 1950 | 142/172/192 | 144 | 98/91/120 | 44 | 142/135/164 |
| FX6-60/16 | 16 | 30 | 40 | 3279/3002/3058 | 1217/940/996 | 2062 | 142/172/192 | 144 | 98/91/120 | 47 | 145/138/167 |
| FX6-60/17 | 17 | 30 | 40 | 3391/3114/3170 | 1217/940/996 | 2174 | 142/172/192 | 144 | 98/91/120 | 50 | 148/141/170 |



Performance Curves

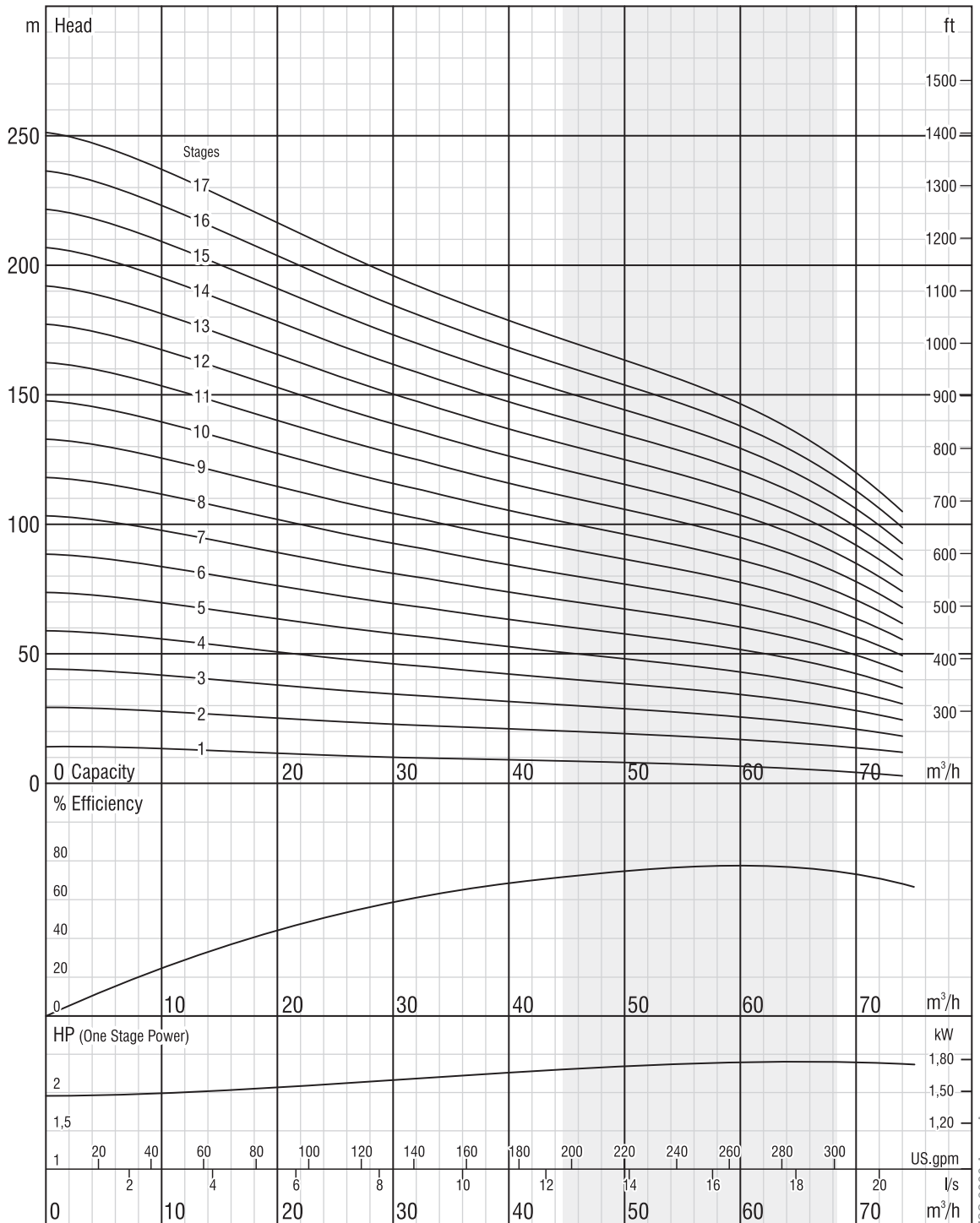
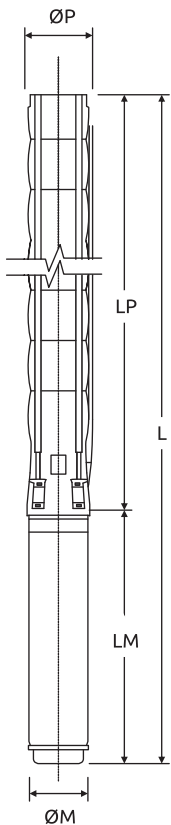
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
144 mm

Outlet Connection Diameter:
4" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

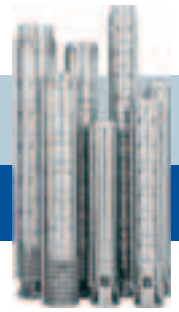


Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 30 | 36 | 43 | 51 | 58 | 65 | 72 |
|-----------|--------|-------|----|----------------|--------------------------|-----|-----|-----|------|------|------|------|-----|
| | | kW | HP | | | 0 | 8,3 | 10 | 11,9 | 14,2 | 16,1 | 18,1 | 20 |
| FX6-60/18 | 18 | 37 | 50 | 79.7/74.3/74.3 | Head (m) | 266 | 211 | 198 | 184 | 169 | 155 | 137 | 111 |
| FX6-60/19 | 19 | 37 | 50 | 79.7/74.3/74.3 | | 281 | 222 | 209 | 194 | 179 | 164 | 145 | 117 |
| FX6-60/20 | 20 | 37 | 50 | 79.7/74.3/74.3 | | 296 | 234 | 220 | 204 | 188 | 173 | 153 | 123 |
| FX6-60/21 | 21 | 37 | 50 | 79.7/74.3/74.3 | | 311 | 246 | 231 | 215 | 198 | 181 | 160 | 129 |
| FX6-60/22 | 22 | 45 | 60 | 0/90.3/90.4 | | 326 | 257 | 242 | 225 | 207 | 190 | 168 | 136 |
| FX6-60/23 | 23 | 45 | 60 | 0/90.3/90.4 | | 340 | 269 | 253 | 235 | 216 | 199 | 176 | 142 |
| FX6-60/24 | 24 | 45 | 60 | 0/90.3/90.4 | | 355 | 281 | 264 | 245 | 226 | 207 | 183 | 148 |
| FX6-60/25 | 25 | 52 | 70 | 105.6/103.3 | | 370 | 293 | 275 | 256 | 235 | 216 | 191 | 154 |
| FX6-60/26 | 26 | 52 | 70 | 105.6/103.3 | | 385 | 304 | 285 | 266 | 245 | 225 | 198 | 160 |
| FX6-60/27 | 27 | 52 | 70 | 105.6/103.3 | | 400 | 316 | 296 | 276 | 254 | 233 | 206 | 166 |
| FX6-60/28 | 28 | 52 | 70 | 105.6/103.3 | | 414 | 328 | 307 | 286 | 264 | 242 | 214 | 173 |
| FX6-60/29 | 29 | 55 | 75 | 112.9/110.5 | | 429 | 339 | 318 | 296 | 273 | 250 | 221 | 179 |
| FX6-60/30 | 30 | 55 | 75 | 112.9/110.5 | | 444 | 351 | 329 | 307 | 282 | 259 | 229 | 185 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|-----------|--------|-------|----|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX6-60/18 | 18 | 37 | 50 | 3533/3266/3342 | 1247/980/1056 | 2286 | 142/172/192 | 144 | 103/103/129 | 52 | 155/155/181 |
| FX6-60/19 | 19 | 37 | 50 | 3645/3378/3454 | 1247/980/1056 | 2398 | 142/172/192 | 144 | 103/103/129 | 55 | 158/158/184 |
| FX6-60/20 | 20 | 37 | 50 | 3757/3490/3566 | 1247/980/1056 | 2510 | 142/172/192 | 144 | 103/103/129 | 58 | 161/161/187 |
| FX6-60/21 | 21 | 37 | 50 | 3869/3602/3678 | 1247/980/1056 | 2622 | 142/172/192 | 144 | 103/103/129 | 60 | 163/163/189 |
| FX6-60/22 | 22 | 45 | 60 | 4081/3794/3850 | 1347/1060/1116 | 2734 | 142/172/192 | 144 | 110/113/138 | 63 | 173/176/201 |
| FX6-60/23 | 23 | 45 | 60 | 4193/3906/3962 | 1347/1060/1116 | 2846 | 142/172/192 | 144 | 110/113/138 | 65 | 175/178/203 |
| FX6-60/24 | 24 | 45 | 60 | 4305/4018/4074 | 1347/1060/1116 | 2958 | 142/172/192 | 144 | 110/113/138 | 68 | 178/181/206 |
| FX6-60/25 | 25 | 52 | 70 | 4209/4271 | 1139/1201 | 3070 | 172/192 | 144 | 127/152 | 71 | 198/223 |
| FX6-60/26 | 26 | 52 | 70 | 4321/4383 | 1139/1201 | 3182 | 172/192 | 144 | 127/152 | 73 | 200/225 |
| FX6-60/27 | 27 | 52 | 70 | 4433/4495 | 1139/1201 | 3294 | 172/192 | 144 | 127/152 | 76 | 203/228 |
| FX6-60/28 | 28 | 52 | 70 | 4545/4607 | 1139/1201 | 3406 | 172/192 | 144 | 127/152 | 79 | 206/231 |
| FX6-60/29 | 29 | 55 | 75 | 4736/4804 | 1218/1286 | 3518 | 172/192 | 144 | 138/170 | 81 | 219/251 |
| FX6-60/30 | 30 | 55 | 75 | 4848/4916 | 1218/1286 | 3630 | 172/192 | 144 | 138/170 | 84 | 222/254 |



Performance Curves

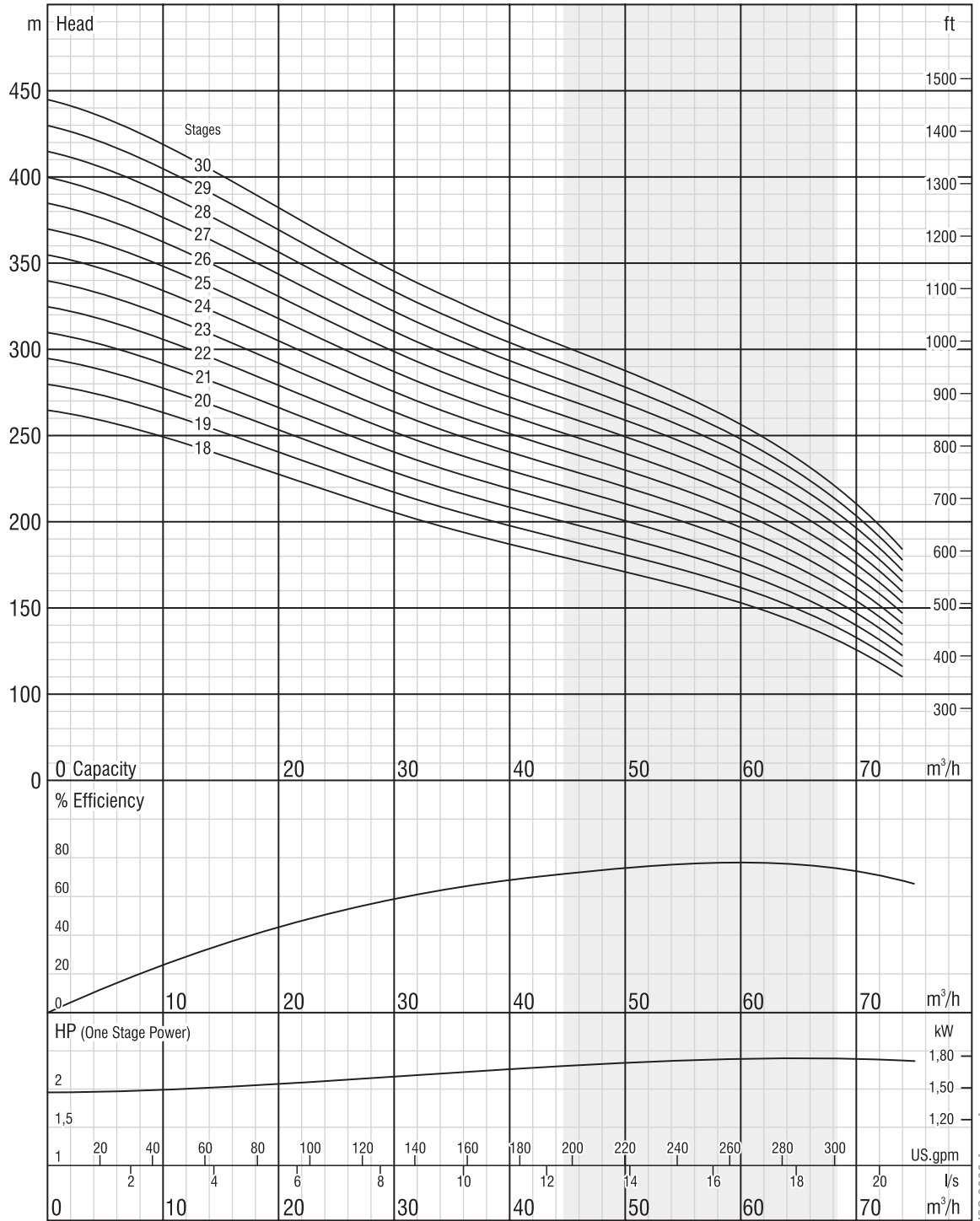
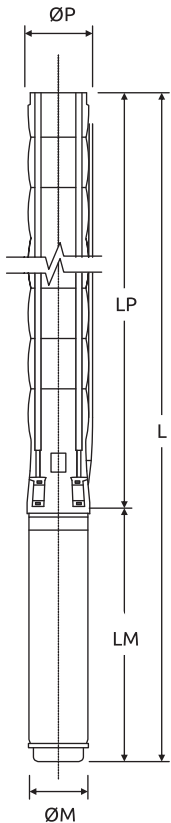
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
144 mm

Outlet Connection Diameter:
4" (inside threaded)

Shaft diameter:
22 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 25 | 70 | 80 | 90 | 100 | 110 | 120 | 130 |
|------------|--------|-------|-----|----------------|--------------------------|-----|-----|------|------|------|------|------|------|------|
| | | kW | HP | | | 0 | 6,9 | 19,4 | 22,2 | 25,0 | 27,8 | 30,6 | 33,3 | 36,1 |
| FX8-110/01 | 1 | 7,5 | 10 | 17/17.2 | Head (m) | 27 | 27 | 22 | 22 | 21 | 20 | 18 | 16 | 14 |
| FX8-110/02 | 2 | 15 | 20 | 33.1 | | 55 | 53 | 45 | 43 | 42 | 39 | 36 | 33 | 28 |
| FX8-110/03 | 3 | 22 | 30 | 48.5/46.3 | | 82 | 80 | 67 | 65 | 63 | 59 | 55 | 49 | 43 |
| FX8-110/04 | 4 | 30 | 40 | 64.6/62.4/61.7 | | 110 | 107 | 90 | 87 | 83 | 79 | 73 | 66 | 57 |
| FX8-110/05 | 5 | 37 | 50 | 79.7/74.3/74.3 | | 137 | 133 | 112 | 109 | 104 | 98 | 91 | 82 | 71 |
| FX8-110/06 | 6 | 45 | 60 | 0/90.3/90.4 | | 165 | 160 | 135 | 130 | 125 | 118 | 109 | 99 | 85 |
| FX8-110/07 | 7 | 52 | 70 | 105.6/103.3 | | 192 | 187 | 157 | 152 | 146 | 138 | 128 | 115 | 99 |
| FX8-110/08 | 8 | 60 | 80 | 0/119.1 | | 220 | 213 | 180 | 174 | 167 | 158 | 146 | 131 | 114 |
| FX8-110/09 | 9 | 67 | 90 | 0/134.6 | | 247 | 240 | 202 | 196 | 188 | 177 | 164 | 148 | 128 |
| FX8-110/10 | 10 | 75 | 100 | 150.7/0 | | 274 | 267 | 225 | 217 | 208 | 197 | 182 | 164 | 142 |
| FX8-110/11 | 11 | 81 | 110 | 162.7/159 | | 302 | 293 | 247 | 239 | 229 | 217 | 200 | 181 | 156 |
| FX8-110/12 | 12 | 92 | 125 | 184.8/179 | | 329 | 320 | 270 | 261 | 250 | 236 | 219 | 197 | 170 |
| FX8-110/13 | 13 | 92 | 125 | 184.8/179 | | 357 | 347 | 292 | 283 | 271 | 256 | 237 | 214 | 185 |
| FX8-110/14 | 14 | 110 | 150 | 218.5/216 | | 384 | 373 | 315 | 304 | 292 | 276 | 255 | 230 | 199 |
| FX8-110/15 | 15 | 110 | 150 | 218.5/216 | | 412 | 400 | 337 | 326 | 313 | 295 | 273 | 246 | 213 |
| FX8-110/16 | 16 | 129 | 175 | 248 | | 439 | 427 | 360 | 348 | 333 | 315 | 292 | 263 | 227 |
| FX8-110/17 | 17 | 129 | 175 | 248 | | 467 | 453 | 382 | 370 | 354 | 335 | 310 | 279 | 241 |
| FX8-110/18 | 18 | 129 | 175 | 248 | | 494 | 480 | 405 | 391 | 375 | 355 | 328 | 296 | 256 |
| FX8-110/19 | 19 | 147 | 200 | 282 | | 521 | 507 | 427 | 413 | 396 | 374 | 346 | 312 | 270 |
| FX8-110/20 | 20 | 147 | 200 | 282 | | 549 | 533 | 450 | 435 | 417 | 394 | 364 | 329 | 284 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|------------|--------|-------|-----|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX8-110/01 | 1 | 7,5 | 10 | 1481/1364 | 795/678 | 686 | 95/142 | 213 | 28.8/43.5 | 32 | 60.8/75.5 |
| FX8-110/02 | 2 | 15 | 20 | 1753 | 911 | 842 | 142 | 213 | 65 | 38 | 103 |
| FX8-110/03 | 3 | 22 | 30 | 2003/1837 | 1006/840 | 997 | 142/172 | 213 | 76/81 | 45 | 121/126 |
| FX8-110/04 | 4 | 30 | 40 | 2370/2093/2149 | 1217/940/996 | 1153 | 142/172/192 | 213 | 98/91/120 | 51 | 149/142/171 |
| FX8-110/05 | 5 | 37 | 50 | 2556/2289/2365 | 1247/980/1056 | 1309 | 142/172/192 | 213 | 103/103/129 | 57 | 160/160/186 |
| FX8-110/06 | 6 | 45 | 60 | 2812/2525/2581 | 1347/1060/1116 | 1465 | 142/172/192 | 213 | 110/113/138 | 64 | 174/177/202 |
| FX8-110/07 | 7 | 52 | 70 | 2759/2821 | 1139/1201 | 1620 | 172/192 | 213 | 127/152 | 70 | 197/222 |
| FX8-110/08 | 8 | 60 | 80 | 3026/3062 | 1250/1286 | 1776 | 172/192 | 213 | 149/170 | 76 | 225/246 |
| FX8-110/09 | 9 | 67 | 90 | 3214/3273 | 1282/1341 | 1932 | 172/192 | 213 | 160/185 | 83 | 243/268 |
| FX8-110/10 | 10 | 75 | 100 | 3453/3337 | 1366/1250 | 2087 | 192/231 | 213 | 186/200 | 89 | 275/289 |
| FX8-110/11 | 11 | 81 | 110 | 3634/3553 | 1391/1310 | 2243 | 192/231 | 213 | 195/228 | 95 | 290/323 |
| FX8-110/12 | 12 | 92 | 125 | 3870/3769 | 1471/1370 | 2399 | 192/231 | 213 | 210/256 | 101 | 311/357 |
| FX8-110/13 | 13 | 92 | 125 | 4025/3924 | 1471/1370 | 2554 | 192/231 | 213 | 210/256 | 108 | 318/364 |
| FX8-110/14 | 14 | 110 | 150 | 4311/4140 | 1601/1430 | 2710 | 192/231 | 213 | 235/284 | 114 | 349/398 |
| FX8-110/15 | 15 | 110 | 150 | 4467/4296 | 1601/1430 | 2866 | 192/231 | 213 | 235/284 | 120 | 355/404 |
| FX8-110/16 | 16 | 129 | 175 | 4532 | 1510 | 3022 | 231 | 213 | 311 | 127 | 438 |
| FX8-110/17 | 17 | 129 | 175 | 4687 | 1510 | 3177 | 231 | 213 | 311 | 133 | 444 |
| FX8-110/18 | 18 | 129 | 175 | 4843 | 1510 | 3333 | 231 | 213 | 311 | 139 | 450 |
| FX8-110/19 | 19 | 147 | 200 | 5099 | 1610 | 3489 | 231 | 213 | 338 | 145 | 483 |
| FX8-110/20 | 20 | 147 | 200 | 5254 | 1610 | 3644 | 231 | 213 | 338 | 152 | 490 |



Performance Curves

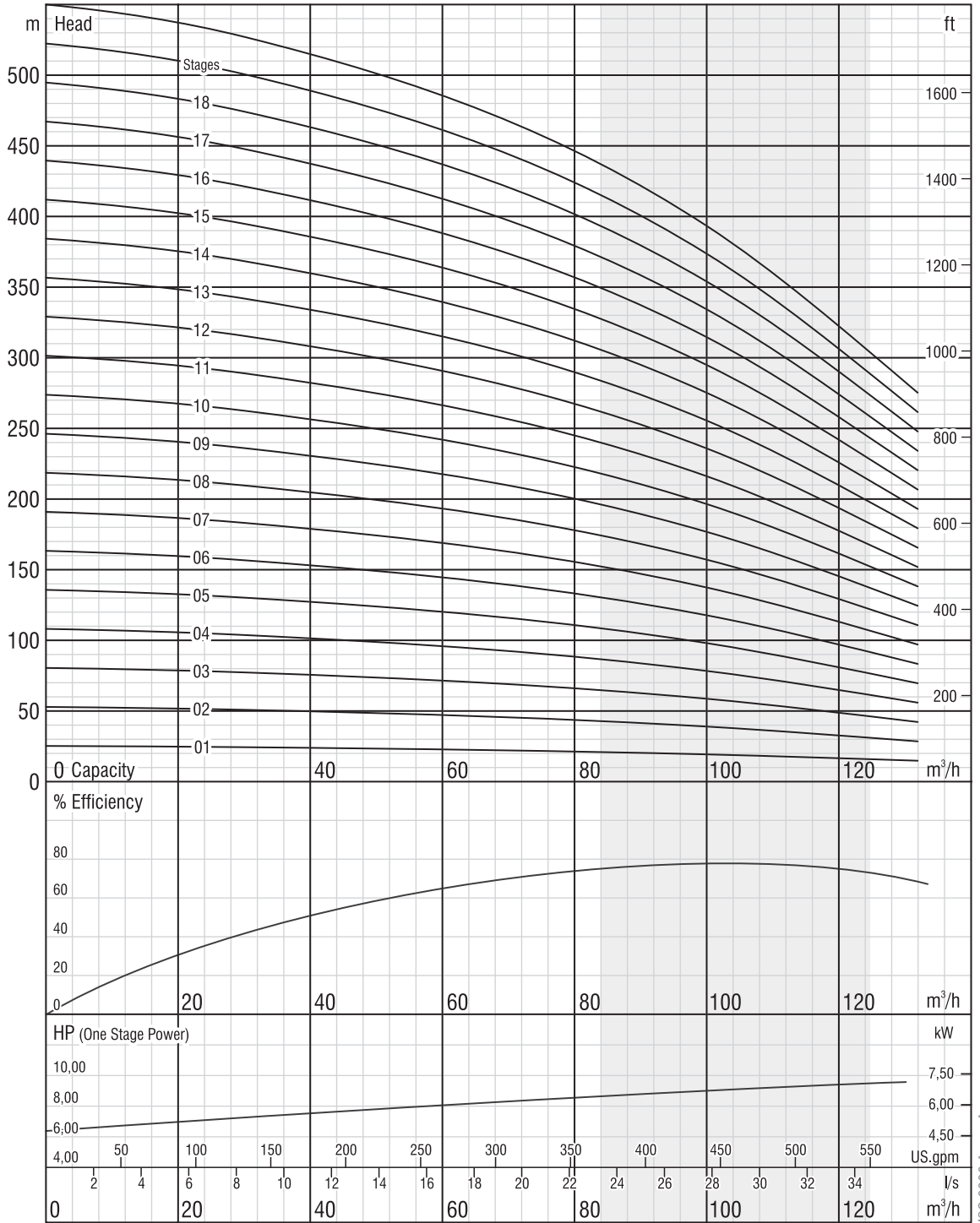
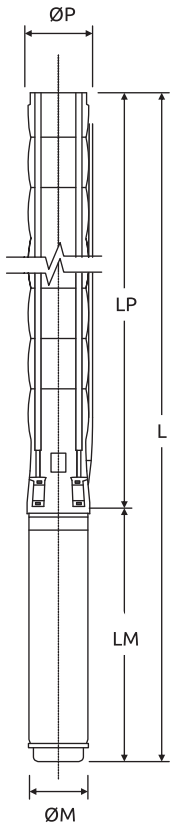
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
213 mm

Outlet Connection Diameter:
5" (inside threaded)

Shaft diameter:
30,16 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

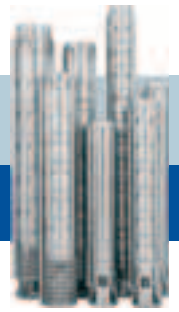


Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 40 | 90 | 120 | 130 | 140 | 150 | 160 | 170 |
|------------------|--------|-------|------|----------------|--------------------------|-----|------|-----|------|------|------|------|------|------|
| | | kW | HP | | | 0 | 11,1 | 25 | 33,3 | 36,1 | 38,9 | 41,7 | 44,4 | 47,2 |
| FX8-125/01.B1 | 1 | 9,3 | 12,5 | 20.8 | Head (m) | 29 | 27 | 24 | 20 | 19 | 17 | 15 | 13 | 11 |
| FX8-125/01 | 1 | 11 | 15 | 23.7 | | 32 | 30 | 26 | 23 | 22 | 20 | 18 | 16 | 14 |
| FX8-125/02.B2 | 2 | 18,5 | 25 | 41.8 | | 59 | 55 | 47 | 41 | 38 | 35 | 31 | 27 | 21 |
| FX8-125/02 | 2 | 22 | 30 | 48.5/46.3 | | 64 | 60 | 52 | 46 | 43 | 40 | 37 | 33 | 28 |
| FX8-125/03.B2.C1 | 3 | 26,5 | 35 | 56.4/55.1 | | 84 | 79 | 67 | 57 | 53 | 48 | 42 | 36 | 28 |
| FX8-125/03.B2 | 3 | 30 | 40 | 64.6/62.4/61.7 | | 91 | 85 | 73 | 64 | 59 | 55 | 49 | 43 | 35 |
| FX8-125/03 | 3 | 37 | 50 | 79.7/74.3/74.3 | | 96 | 91 | 79 | 69 | 65 | 60 | 55 | 49 | 42 |
| FX8-125/04.B4 | 4 | 37 | 50 | 79.7/74.3/74.3 | | 117 | 110 | 94 | 81 | 76 | 69 | 62 | 53 | 43 |
| FX8-125/04 | 4 | 45 | 60 | 0/90.3/90.4 | | 128 | 121 | 105 | 92 | 86 | 80 | 73 | 65 | 56 |
| FX8-125/05.B4.C1 | 5 | 45 | 60 | 0/90.3/90.4 | | 143 | 134 | 114 | 98 | 91 | 83 | 73 | 62 | 49 |
| FX8-125/05.B1 | 5 | 52 | 70 | 105.6/103.3 | | 158 | 148 | 128 | 112 | 105 | 98 | 89 | 78 | 66 |
| FX8-125/05 | 5 | 55 | 75 | 112.9/110.5 | | 160 | 151 | 131 | 115 | 108 | 100 | 92 | 81 | 70 |
| FX8-125/06.B3 | 6 | 60 | 80 | 0/119.1 | | 184 | 173 | 149 | 130 | 122 | 112 | 101 | 89 | 74 |
| FX8-125/06 | 6 | 67 | 90 | 0/134.6 | 192 | 181 | 157 | 138 | 130 | 120 | 110 | 98 | 83 | |
| FX8-125/07 | 7 | 75 | 100 | 150.7/0 | 225 | 211 | 183 | 161 | 151 | 140 | 128 | 114 | 97 | |
| FX8-125/08.B3 | 8 | 81 | 110 | 162.7/159 | 249 | 234 | 203 | 177 | 166 | 153 | 139 | 122 | 103 | |
| FX8-125/08 | 8 | 92 | 125 | 184.8/179 | 257 | 241 | 210 | 184 | 173 | 161 | 146 | 130 | 111 | |
| FX8-125/09.B3 | 9 | 92 | 125 | 184.8/179 | 281 | 264 | 229 | 200 | 187 | 173 | 157 | 139 | 117 | |
| FX8-125/09 | 9 | 110 | 150 | 218.5/216 | 289 | 272 | 236 | 207 | 194 | 181 | 165 | 146 | 125 | |
| FX8-125/10 | 10 | 110 | 150 | 218.5/216 | 321 | 302 | 262 | 230 | 216 | 201 | 183 | 163 | 139 | |
| FX8-125/11.B4 | 11 | 110 | 150 | 218.5/216 | 343 | 322 | 279 | 243 | 228 | 211 | 191 | 168 | 142 | |
| FX8-125/11 | 11 | 129 | 175 | 248 | 353 | 332 | 288 | 253 | 238 | 221 | 201 | 179 | 153 | |
| FX8-125/12 | 12 | 129 | 175 | 248 | 385 | 362 | 315 | 275 | 259 | 241 | 220 | 195 | 167 | |
| FX8-125/13 | 13 | 147 | 200 | 282 | 417 | 392 | 341 | 298 | 281 | 261 | 238 | 211 | 181 | |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|------------------|--------|-------|------|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX8-125/01.B1 | 1 | 9,3 | 12,5 | 1444 | 758 | 686 | 142 | 213 | 50 | 32 | 82 |
| FX8-125/01 | 1 | 11 | 15 | 1486 | 800 | 686 | 142 | 213 | 55 | 32 | 87 |
| FX8-125/02.B2 | 2 | 18,5 | 25 | 1815 | 973 | 842 | 142 | 213 | 72 | 39 | 111 |
| FX8-125/02 | 2 | 22 | 30 | 1848/1682 | 1006/840 | 842 | 142/172 | 213 | 76/81 | 39 | 115/120 |
| FX8-125/03.B2.C1 | 3 | 26,5 | 35 | 2103/1887 | 1106/890 | 997 | 142/172 | 213 | 87/86 | 45 | 132/131 |
| FX8-125/03.B2 | 3 | 30 | 40 | 2214/1937/1993 | 1217/940/996 | 997 | 142/172/192 | 213 | 98/91/120 | 45 | 143/136/165 |
| FX8-125/03 | 3 | 37 | 50 | 2244/1977/2053 | 1247/980/1056 | 997 | 142/172/192 | 213 | 103/103/129 | 45 | 148/148/174 |
| FX8-125/04.B4 | 4 | 37 | 50 | 2400/2133/2209 | 1247/980/1056 | 1153 | 142/172/192 | 213 | 103/103/129 | 52 | 155/155/181 |
| FX8-125/04 | 4 | 45 | 60 | 2500/2213/2269 | 1347/1060/1116 | 1153 | 142/172/192 | 213 | 110/113/138 | 52 | 162/165/190 |
| FX8-125/05.B4.C1 | 5 | 45 | 60 | 2656/2369/2425 | 1347/1060/1116 | 1309 | 142/172/192 | 213 | 110/113/138 | 58 | 168/171/196 |
| FX8-125/05.B1 | 5 | 52 | 70 | 2448/2510 | 1139/1201 | 1309 | 172/192 | 213 | 127/152 | 58 | 185/210 |
| FX8-125/05 | 5 | 55 | 75 | 2527/2595 | 1218/1286 | 1309 | 172/192 | 213 | 138/170 | 58 | 196/228 |
| FX8-125/06.B3 | 6 | 60 | 80 | 2715/2751 | 1250/1286 | 1465 | 172/192 | 213 | 149/170 | 65 | 214/235 |
| FX8-125/06 | 6 | 67 | 90 | 2747/2806 | 1282/1341 | 1465 | 172/192 | 213 | 160/185 | 65 | 225/250 |
| FX8-125/07 | 7 | 75 | 100 | 2986/2870 | 1366/1250 | 1620 | 192/231 | 213 | 186/200 | 71 | 257/271 |
| FX8-125/08.B3 | 8 | 81 | 110 | 3167/3086 | 1391/1310 | 1776 | 192/231 | 213 | 195/228 | 78 | 273/306 |
| FX8-125/08 | 8 | 92 | 125 | 3247/3146 | 1471/1370 | 1776 | 192/231 | 213 | 210/256 | 78 | 288/334 |
| FX8-125/09.B3 | 9 | 92 | 125 | 3403/3302 | 1471/1370 | 1932 | 192/231 | 213 | 210/256 | 84 | 294/340 |
| FX8-125/09 | 9 | 110 | 150 | 3533/3362 | 1601/1430 | 1932 | 192/231 | 213 | 235/284 | 84 | 319/368 |
| FX8-125/10 | 10 | 110 | 150 | 3688/3517 | 1601/1430 | 2087 | 192/231 | 213 | 235/284 | 91 | 326/375 |
| FX8-125/11.B4 | 11 | 110 | 150 | 3844/3673 | 1601/1430 | 2243 | 192/231 | 213 | 235/284 | 97 | 332/381 |
| FX8-125/11 | 11 | 129 | 175 | 3753 | 1510 | 2243 | 231 | 213 | 311 | 97 | 408 |
| FX8-125/12 | 12 | 129 | 175 | 3909 | 1510 | 2399 | 231 | 213 | 311 | 104 | 415 |
| FX8-125/13 | 13 | 147 | 200 | 4164 | 1610 | 2554 | 231 | 213 | 338 | 110 | 448 |



Performance Curves

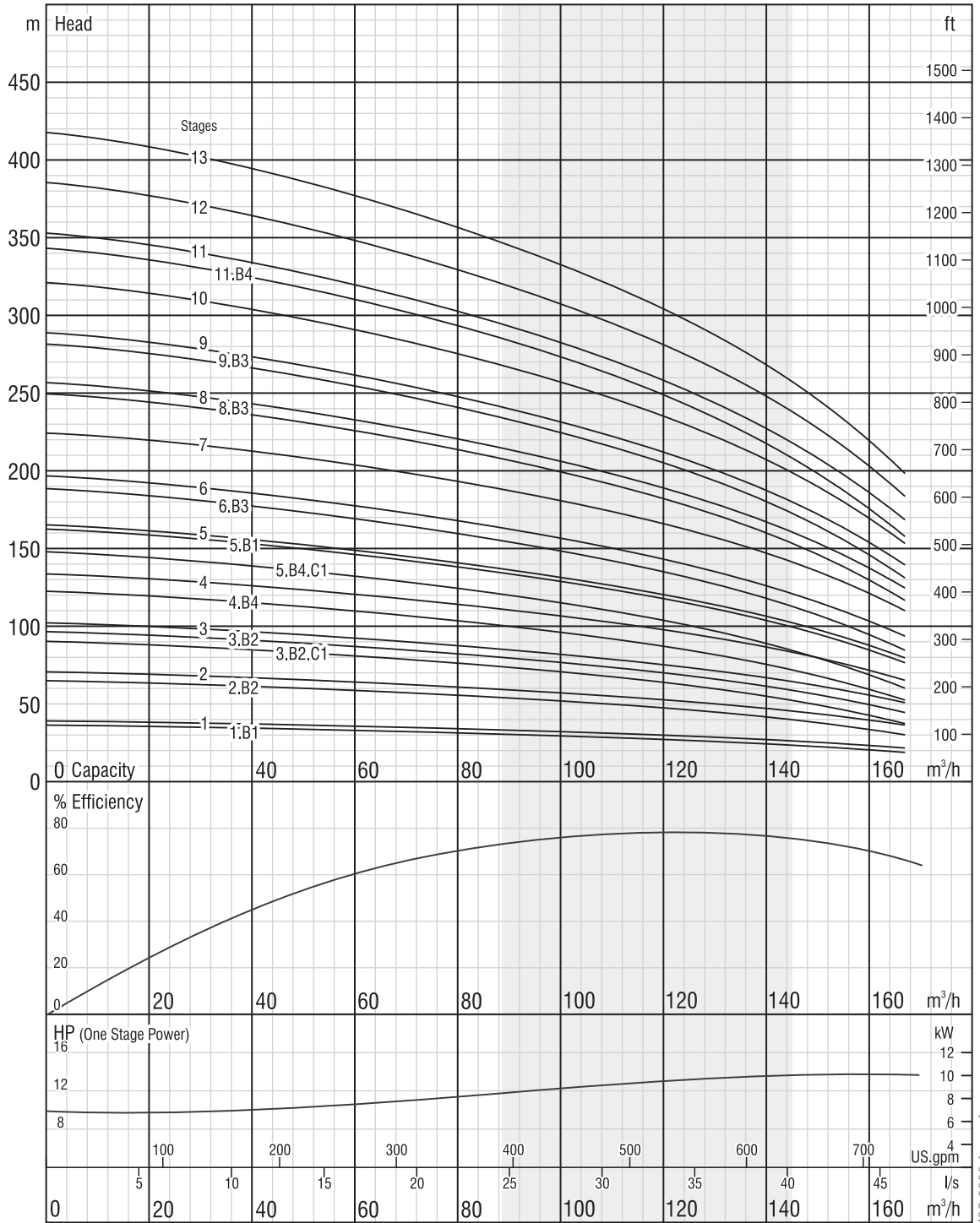
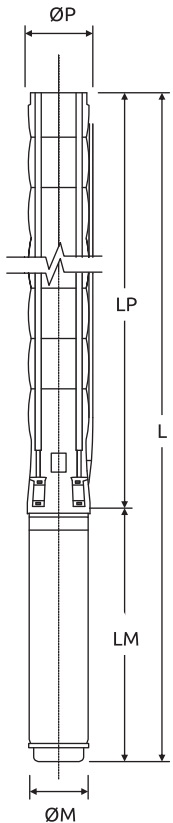
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
213 mm

Outlet Connection Diameter:
5" (inside threaded)

Shaft diameter:
30,16 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
|------------------|--------|-------|------|----------------|--------------------------|-----|------|------|------|------|------|-----|------|
| | | kW | HP | | | 0 | 22,2 | 27,8 | 33,3 | 38,9 | 44,4 | 50 | 55,6 |
| FX8-160/01.C1 | 1 | 9,3 | 12,5 | 20.8 | Head (m) | 25 | 21 | 19 | 18 | 16 | 14 | 11 | 7 |
| FX8-160/01 | 1 | 11 | 15 | 23.7 | | 30 | 25 | 24 | 22 | 21 | 19 | 16 | 13 |
| FX8-160/02.B1.C1 | 2 | 18,5 | 25 | 41.8 | | 53 | 44 | 41 | 39 | 35 | 31 | 25 | 17 |
| FX8-160/02 | 2 | 22 | 30 | 48.5/46.3 | | 60 | 50 | 47 | 45 | 41 | 38 | 33 | 26 |
| FX8-160/03.B3 | 3 | 30 | 40 | 64.6/62.4/61.7 | | 84 | 70 | 66 | 62 | 57 | 51 | 43 | 32 |
| FX8-160/03 | 3 | 37 | 50 | 79.7/74.3/74.3 | | 90 | 76 | 71 | 67 | 62 | 57 | 49 | 39 |
| FX8-160/04.B3.C1 | 4 | 37 | 50 | 79.7/74.3/74.3 | | 110 | 91 | 85 | 80 | 74 | 65 | 54 | 39 |
| FX8-160/04 | 4 | 45 | 60 | 0/90.3/90.4 | | 119 | 101 | 95 | 89 | 83 | 75 | 65 | 52 |
| FX8-160/05.B3.C2 | 5 | 45 | 60 | 0/90.3/90.4 | | 135 | 112 | 105 | 98 | 90 | 80 | 65 | 46 |
| FX8-160/05 | 5 | 55 | 75 | 112.9/110.5 | | 149 | 126 | 119 | 111 | 104 | 94 | 81 | 65 |
| FX8-160/06.B5 | 6 | 60 | 80 | 0/119.1 | | 172 | 142 | 134 | 125 | 116 | 104 | 87 | 66 |
| FX8-160/06 | 6 | 67 | 90 | 0/134.6 | | 179 | 151 | 142 | 134 | 124 | 113 | 98 | 78 |
| FX8-160/07.B6 | 7 | 67 | 90 | 0/134.6 | | 199 | 166 | 155 | 146 | 135 | 121 | 102 | 77 |
| FX8-160/07.B3 | 7 | 75 | 100 | 150.7/0 | | 204 | 171 | 161 | 151 | 140 | 126 | 108 | 84 |
| FX8-160/07.B1 | 7 | 75 | 100 | 150.7/0 | 208 | 175 | 164 | 154 | 143 | 130 | 112 | 89 | |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|------------------|--------|-------|------|-----------------|----------------|------|-------------|-----|--------------|------|-------------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX8-160/01.C1 | 1 | 9,3 | 12,5 | 1444 | 758 | 686 | 142 | 226 | 50 | 34 | 84 |
| FX8-160/01 | 1 | 11 | 15 | 1486 | 800 | 686 | 142 | 226 | 55 | 34 | 89 |
| FX8-160/02.B1.C1 | 2 | 18,5 | 25 | 1815 | 973 | 842 | 142 | 226 | 72 | 40 | 112 |
| FX8-160/02 | 2 | 22 | 30 | 1848/1682 | 1006/840 | 842 | 142/172 | 226 | 76/81 | 40 | 116/121 |
| FX8-160/03.B3 | 3 | 30 | 40 | 2214/1937/1993 | 1217/940/996 | 997 | 142/172/192 | 226 | 98/91/120 | 47 | 145/138/167 |
| FX8-160/03 | 3 | 37 | 50 | 2244/1977/2053 | 1247/980/1056 | 997 | 142/172/192 | 226 | 103/103/129 | 47 | 150/150/176 |
| FX8-160/04.B3.C1 | 4 | 37 | 50 | 2400/2133/2209 | 1247/980/1056 | 1153 | 142/172/192 | 226 | 103/103/129 | 53 | 156/156/182 |
| FX8-160/04 | 4 | 45 | 60 | 2500/2213/2269 | 1347/1060/1116 | 1153 | 142/172/192 | 226 | 110/113/138 | 53 | 163/166/191 |
| FX8-160/05.B3.C2 | 5 | 45 | 60 | 2656/2369/2425 | 1347/1060/1116 | 1309 | 142/172/192 | 226 | 110/113/138 | 60 | 170/173/198 |
| FX8-160/05 | 5 | 55 | 75 | 2527/2595 | 1218/1286 | 1309 | 172/192 | 226 | 138/170 | 60 | 198/230 |
| FX8-160/06.B5 | 6 | 60 | 80 | 2715/2751 | 1250/1286 | 1465 | 172/192 | 226 | 149/170 | 66 | 215/236 |
| FX8-160/06 | 6 | 67 | 90 | 2747/2806 | 1282/1341 | 1465 | 172/192 | 226 | 160/185 | 66 | 226/251 |
| FX8-160/07.B6 | 7 | 67 | 90 | 2902/2961 | 1282/1341 | 1620 | 172/192 | 226 | 160/185 | 73 | 233/258 |
| FX8-160/07.B3 | 7 | 75 | 100 | 2986/2870 | 1366/1250 | 1620 | 192/231 | 226 | 186/200 | 73 | 259/273 |
| FX8-160/07.B1 | 7 | 75 | 100 | 2986/2870 | 1366/1250 | 1620 | 192/231 | 226 | 186/200 | 73 | 259/273 |



Performance Curves

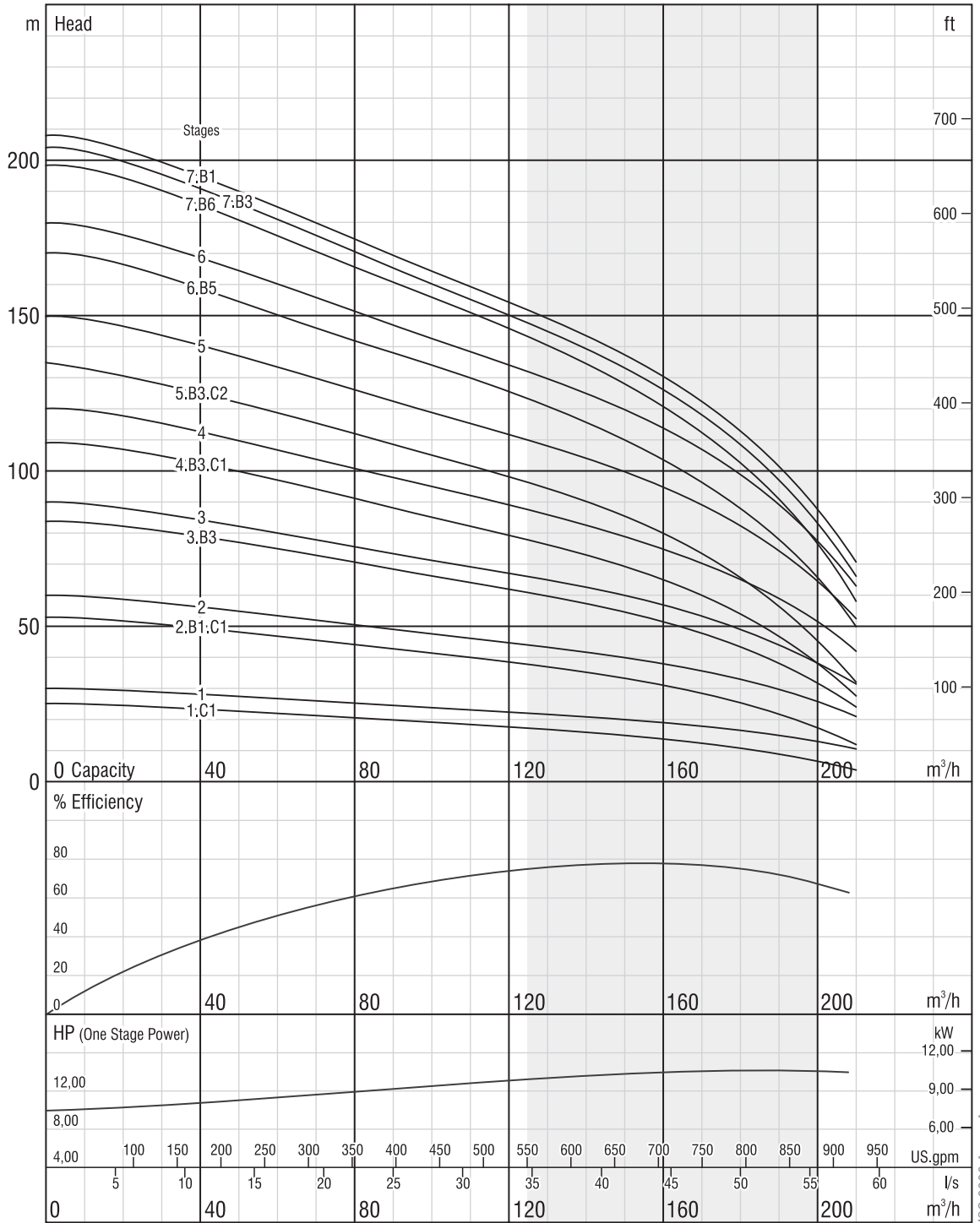
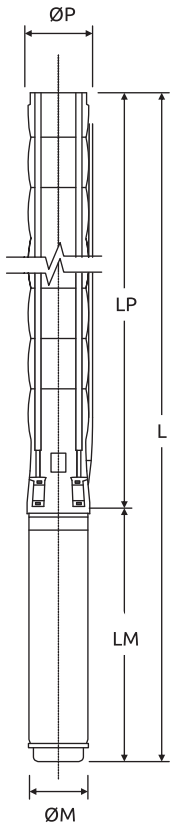
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
226 mm

Outlet Connection Diameter:
5" (inside threaded)

Shaft diameter:
30,16 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.



Performance Table

| Pump Type | Stages | Motor | | Current (A) | m ³ /h l/s | 0 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
|---------------|--------|-------|-----|-------------|--------------------------|-----|------|------|------|------|------|-----|------|
| | | kW | HP | | | 0 | 22,2 | 27,8 | 33,3 | 38,9 | 44,4 | 50 | 55,6 |
| FX8-160/07 | 7 | 81 | 110 | 162.7/159 | Head (m) | 210 | 177 | 261 | 156 | 145 | 132 | 104 | 91 |
| FX8-160/08.B8 | 8 | 81 | 110 | 162.7/159 | | 225 | 187 | 284 | 165 | 152 | 136 | 100 | 93 |
| FX8-160/08.B4 | 8 | 81 | 110 | 162.7/159 | | 232 | 195 | 308 | 171 | 159 | 143 | 108 | 84 |
| FX8-160/08 | 8 | 92 | 125 | 184.8/179 | | 239 | 202 | 332 | 178 | 166 | 151 | 120 | 103 |
| FX8-160/09.B4 | 9 | 92 | 125 | 184.8/179 | | 262 | 220 | 356 | 194 | 180 | 162 | 140 | 107 |
| FX8-160/09.B2 | 9 | 100 | 135 | 200.8 | | 267 | 223 | 166 | 197 | 183 | 166 | 142 | 110 |
| FX8-160/09 | 9 | 110 | 150 | 218.5/216 | | 272 | 227 | 176 | 200 | 187 | 170 | 148 | 117 |
| FX8-160/10 | 10 | 110 | 150 | 218.5/216 | | 301 | 252 | 183 | 223 | 207 | 188 | 162 | 128 |
| FX8-160/11 | 11 | 129 | 175 | 248 | | 329 | 277 | 190 | 245 | 228 | 207 | 182 | 143 |
| FX8-160/12 | 12 | 147 | 200 | 282 | | 362 | 303 | 206 | 267 | 249 | 226 | 193 | 155 |
| FX8-160/13 | 13 | 147 | 200 | 282 | | 393 | 328 | 210 | 290 | 270 | 245 | 213 | 167 |
| FX8-160/14 | 14 | 166 | 225 | 322 | | 424 | 353 | 213 | 312 | 290 | 264 | 225 | 181 |
| FX8-160/15 | 15 | 185 | 250 | 359 | | 452 | 378 | 237 | 334 | 311 | 283 | 243 | 193 |
| FX8-160/16 | 16 | 185 | 250 | 359 | | 479 | 403 | 379 | 356 | 332 | 302 | 260 | 210 |

Dimensions and Weights Table

| Pump Type | Stages | Motor | | Dimensions (mm) | | | | | Weights (kg) | | |
|---------------|--------|-------|-----|-----------------|-----------|------|---------|-----|--------------|------|---------|
| | | kW | HP | L | LM | LP | ΦM | ΦP | Motor | Pump | Total |
| FX8-160/07 | 7 | 81 | 110 | 3011/2930 | 1391/1310 | 1620 | 192/231 | 226 | 195/228 | 73 | 268/301 |
| FX8-160/08.B8 | 8 | 81 | 110 | 3167/3086 | 1391/1310 | 1776 | 192/231 | 226 | 195/228 | 79 | 274/307 |
| FX8-160/08.B4 | 8 | 81 | 110 | 3167/3086 | 1391/1310 | 1776 | 192/231 | 226 | 195/228 | 79 | 274/307 |
| FX8-160/08 | 8 | 92 | 125 | 3247/3146 | 1471/1370 | 1776 | 192/231 | 226 | 210/256 | 79 | 289/335 |
| FX8-160/09.B4 | 9 | 92 | 125 | 3403/3302 | 1471/1370 | 1932 | 192/231 | 226 | 210/256 | 86 | 296/342 |
| FX8-160/09.B2 | 9 | 100 | 135 | 3468 | 1536 | 1932 | 192 | 226 | 225 | 86 | 311 |
| FX8-160/09 | 9 | 110 | 150 | 3533/3362 | 1601/1430 | 1932 | 192/231 | 226 | 235/284 | 86 | 321/370 |
| FX8-160/10 | 10 | 110 | 150 | 3688/3517 | 1601/1430 | 2087 | 192/231 | 226 | 235/284 | 92 | 327/376 |
| FX8-160/11 | 11 | 129 | 175 | 3753 | 1510 | 2243 | 231 | 226 | 311 | 99 | 410 |
| FX8-160/12 | 12 | 147 | 200 | 4009 | 1610 | 2399 | 231 | 226 | 338 | 105 | 443 |
| FX8-160/13 | 13 | 147 | 200 | 4164 | 1610 | 2554 | 231 | 226 | 338 | 112 | 450 |
| FX8-160/14 | 14 | 166 | 225 | 4450 | 1740 | 2710 | 231 | 226 | 370 | 118 | 488 |
| FX8-160/15 | 15 | 185 | 250 | 4686 | 1820 | 2866 | 231 | 226 | 400 | 124 | 524 |
| FX8-160/16 | 16 | 185 | 250 | 4842 | 1820 | 3022 | 231 | 226 | 400 | 131 | 531 |



Performance Curves

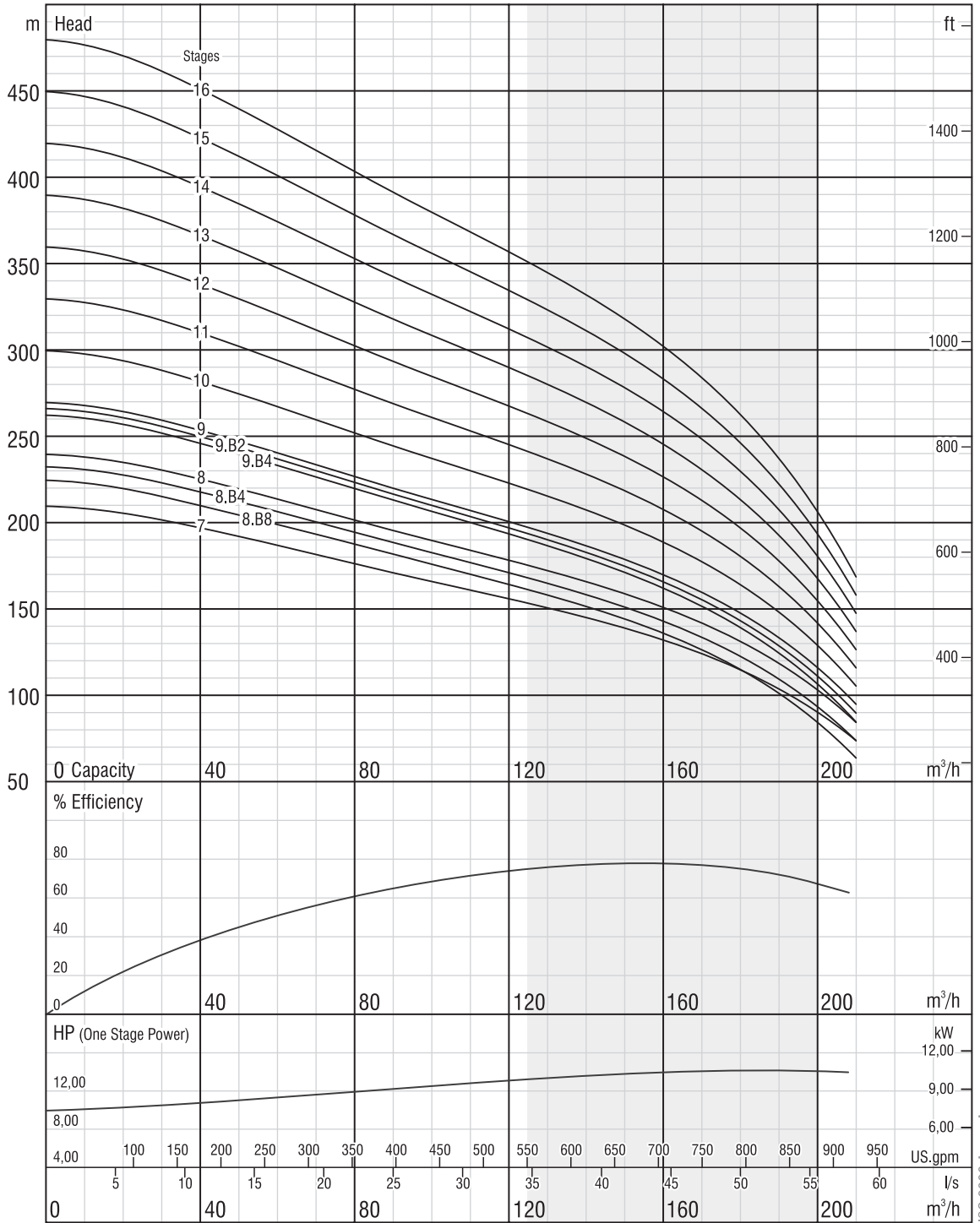
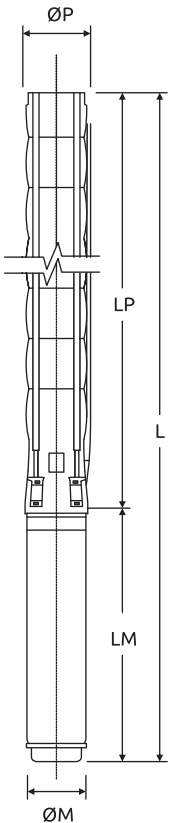
Rotation:
CCW

Revolution:
2900 rpm

Outlet Diameter:
226 mm

Outlet Connection Diameter:
5" (inside threaded)

Shaft diameter:
30,16 mm



The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³
Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

Cable Size Table

| HP | D.O.L. Cable Sizes | | | | | | | | | | |
|------|--------------------|-------|-----|-----|------|------|-------|-------|-------|-------|-------|
| | 3x1,5 | 3x2,5 | 3x4 | 3x6 | 3x10 | 3x16 | 3x25 | 3x35 | 3x50 | 3x70 | 3x95 |
| 5,5 | 65 | 108 | 172 | 258 | 431 | 689 | 1.077 | 1.507 | 2.153 | 3.014 | 4.091 |
| 7,5 | 48 | 80 | 129 | 193 | 322 | 515 | 805 | 1.127 | 1.610 | 2.254 | 3.059 |
| 10 | 38 | 64 | 102 | 153 | 256 | 409 | 639 | 894 | 1.278 | 1.789 | 2.428 |
| 12,5 | | 52 | 83 | 125 | 209 | 334 | 522 | 730 | 1.043 | 1.461 | 1.982 |
| 15 | | 45 | 72 | 109 | 181 | 289 | 452 | 633 | 904 | 1.266 | 1.718 |
| 17,5 | | | 61 | 92 | 153 | 245 | 383 | 536 | 765 | 1.071 | 1.454 |
| 20 | | | 52 | 79 | 131 | 210 | 327 | 458 | 655 | 917 | 1.244 |
| 25 | | | | | 106 | 170 | 266 | 372 | 531 | 744 | 1.009 |
| 30 | | | | | 90 | 145 | 226 | 316 | 452 | 633 | 859 |
| 35 | | | | | 76 | 122 | 190 | 266 | 380 | 532 | 722 |
| 40 | | | | | 67 | 107 | 168 | 235 | 336 | 470 | 638 |
| 50 | | | | | | 89 | 139 | 195 | 279 | 390 | 529 |
| 60 | | | | | | | 115 | 160 | 229 | 321 | 434 |
| 70 | | | | | | | | 139 | 198 | 278 | 377 |
| 75 | | | | | | | | 131 | 187 | 262 | 356 |
| 80 | | | | | | | | 120 | 172 | 241 | 326 |
| 90 | | | | | | | | | 154 | 215 | 292 |
| 100 | | | | | | | | | 132 | 192 | 261 |
| 110 | | | | | | | | | 127 | 178 | 242 |
| 125 | | | | | | | | | | 157 | 213 |
| 150 | | | | | | | | | | | 182 |
| 175 | | | | | | | | | | | 155 |
| 200 | | | | | | | | | | | |
| 210 | | | | | | | | | | | |
| 225 | | | | | | | | | | | |
| 250 | | | | | | | | | | | |

| HP | Wye - Delta Cable Sizes | | | | | | | | | | |
|------|-------------------------|-------|-----|-----|------|-------|-------|-------|-------|-------|-------|
| | 3x1,5 | 3x2,5 | 3x4 | 3x6 | 3x10 | 3x16 | 3x25 | 3x35 | 3x50 | 3x70 | 3x95 |
| 5,5 | 97 | 161 | 258 | 388 | 646 | 1.033 | 1.615 | 2.261 | 3.230 | 4.521 | 6.136 |
| 7,5 | 72 | 121 | 193 | 290 | 483 | 773 | 1.207 | 1.690 | 2.415 | 3.381 | 4.588 |
| 10 | 57 | 96 | 153 | 230 | 383 | 613 | 958 | 1.342 | 1.916 | 2.683 | 3.641 |
| 12,5 | 47 | 78 | 125 | 188 | 313 | 501 | 783 | 1.096 | 1.565 | 2.191 | 2.974 |
| 15 | 41 | 68 | 109 | 163 | 271 | 434 | 678 | 949 | 1.356 | 1.899 | 2.577 |
| 17,5 | 34 | 57 | 92 | 138 | 230 | 367 | 574 | 803 | 1.148 | 1.607 | 2.181 |
| 20 | 29 | 49 | 79 | 118 | 196 | 314 | 491 | 688 | 982 | 1.375 | 1.867 |
| 25 | | 40 | 64 | 96 | 159 | 255 | 398 | 558 | 797 | 1.115 | 1.514 |
| 30 | | | 54 | 81 | 136 | 217 | 339 | 475 | 678 | 949 | 1.288 |
| 35 | | | 46 | 68 | 114 | 182 | 285 | 399 | 570 | 798 | 1.083 |
| 40 | | | | 60 | 101 | 161 | 252 | 352 | 503 | 705 | 956 |
| 50 | | | | | 84 | 134 | 209 | 293 | 418 | 585 | 794 |
| 60 | | | | | 69 | 110 | 172 | 241 | 344 | 481 | 653 |
| 70 | | | | | 59 | 95 | 149 | 208 | 297 | 416 | 565 |
| 75 | | | | | | 90 | 141 | 197 | 281 | 394 | 534 |
| 80 | | | | | | 82 | 129 | 180 | 258 | 361 | 490 |
| 90 | | | | | | 74 | 115 | 162 | 231 | 323 | 439 |
| 100 | | | | | | | 103 | 144 | 206 | 289 | 392 |
| 110 | | | | | | | 95 | 134 | 191 | 267 | 363 |
| 125 | | | | | | | | 118 | 168 | 235 | 319 |
| 150 | | | | | | | | 101 | 144 | 201 | 273 |
| 175 | | | | | | | | | 123 | 172 | 233 |
| 200 | | | | | | | | | | 152 | 207 |
| 210 | | | | | | | | | | 145 | 196 |
| 225 | | | | | | | | | | | |
| 250 | | | | | | | | | | | |



6" / 8" SUBMERSIBLE MOTORS

High Performance with PE2+PA Winding Wire

Cable Data

| Type | Connection Type | | | |
|------------|-----------------|---|-----------------|---|
| | D.O.L. | | Wye-Delta | |
| | mm ² | n | mm ² | n |
| F6-VS550 | 3x2,5 | 1 | 3x2,5 | 2 |
| F6-VS750 | 3x2,5 | 1 | 3x2,5 | 2 |
| F6-VS1000 | 3x2,5 | 1 | 3x2,5 | 2 |
| F6-VS1250 | 3x2,5 | 1 | 3x2,5 | 2 |
| F6-VS1500 | 3x4 | 1 | 3x4 | 2 |
| F6-VS1750 | 3x4 | 1 | 3x4 | 2 |
| F6-VS2000 | 3x4 | 1 | 3x4 | 2 |
| F6-VS2500 | 3x6 | 1 | 3x4 | 2 |
| F6-VS3000 | 3x6 | 1 | 3x4 | 2 |
| F6-VS3500 | 3x10 | 1 | 3x6 | 2 |
| F6-VS4000 | 3x16 | 1 | 3x6 | 2 |
| F6-VS5000 | 3x16 | 1 | 3x6 | 2 |
| F6-VS6000 | 3x16 | 1 | 3x6 | 2 |
| F8-VS4000 | 3x16 | 1 | 3x10 | 2 |
| F8-VS5000 | 3x16 | 1 | 3x10 | 2 |
| F8-VS6000 | 3x16 | 1 | 3x10 | 2 |
| F8-VS7000 | 3x16 | 1 | 3x10 | 2 |
| F8-VS7500 | 3x16 | 1 | 3x10 | 2 |
| F8-VS8000 | 3x16 | 1 | 3x10 | 2 |
| F8-VS9000 | 3x16 | 1 | 3x10 | 2 |
| F8-VS10000 | 3x25 | 1 | 3x16 | 2 |
| F8-VS11000 | 3x25 | 1 | 3x16 | 2 |
| F8-VS12500 | 3x25 | 1 | 3x16 | 2 |
| F8-VS13500 | 3x25 | 1 | 3x16 | 2 |
| F8-VS15000 | 3x25 | 1 | 3x16 | 2 |

| Cable Type | Cable Dimensions | | |
|------------|------------------|--------|----------|
| | Thickness | Width | Diameter |
| | (t) mm | (w) mm | (d) mm |
| 3x2,5 | 6,4 | 15 | 3,6 |
| 3x4 | 7,1 | 16,5 | 4,1 |
| 3x6 | 8 | 18,3 | 4,6 |
| 3x10 | 8,8 | 21,8 | 6 |
| 3x16 | 10,5 | 25,4 | 7 |
| 3x25 | 12 | 33 | 9 |
| 3x35 | 13,5 | 34,5 | 10,1 |
| 4x2,5 | 18 | 18 | 3,6 |
| 4x4 | 20,2 | 20,2 | 4,1 |
| 4x6 | 22,4 | 22,4 | 4,6 |
| 4x10 | 28 | 28 | 6 |
| 4x16 | 33,7 | 33,7 | 7 |
| 4x25 | 40,1 | 40,1 | 9 |

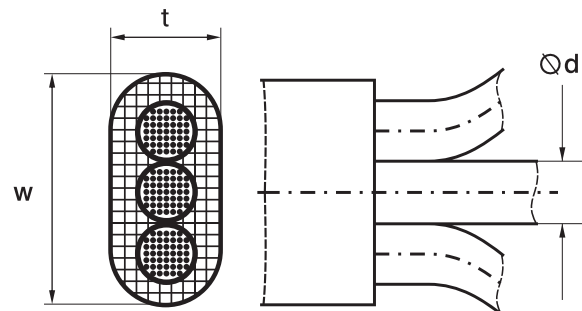
PE2+PA Winding Wire

- ✓ Excellent performance at high temperatures
- ✓ Longer life then other motors
- ✓ High resistance against voltage fluctuation
- ✓ Gives more safety factor then standard motor

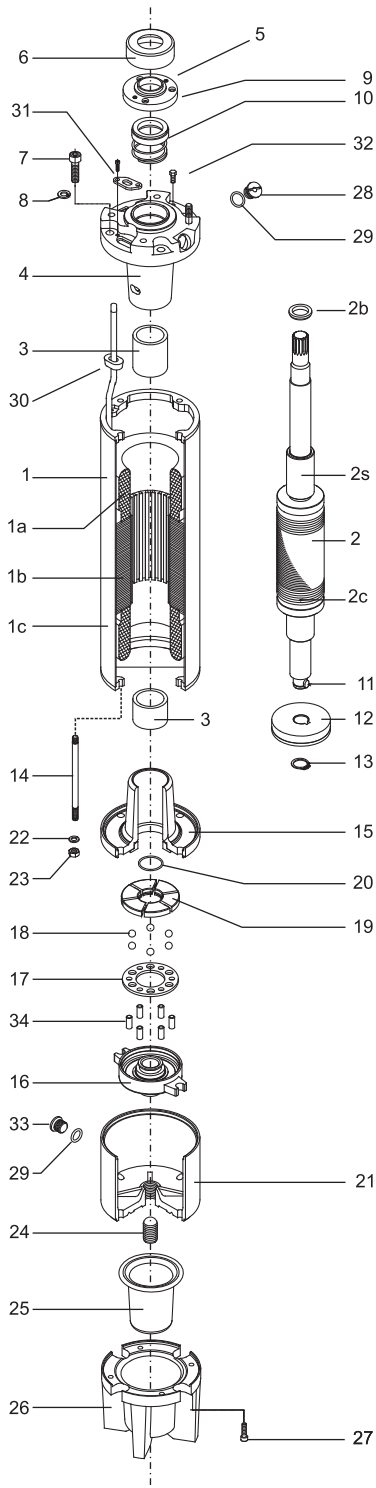
Our submersible motors get their power from the PE2+PA winding wire used as standard. This wire, consisting of a single copper conductor, has a very high insulation resistance. PE2 (Polyethylene) provides electrical isolation, PA (Polyamide) provides mechanical protection. Increased heat resistance is achieved by cross-linking of polyethylene. In this way, Our submersible motors offers superior performance at high voltage and temperatures up to 70°C. At the same time it ensures trouble-free operation and a long service life of the motors for many years.

GENERAL FEATURES

- High quality PE2+PA winding wires
- High efficiency provides operation cost savings
- Water coolant system
- Flange with NEMA standards
- Maximum water temperature 70°C
- Standard voltage 380/460V - 50/60Hz (±%10.)
- Variable operation revolutions by frequency convertor
- Availability to be operated by Soft- Starter
- CW & CCW direction of rotation.
- Our motors can be operated horizontally in pools and wells which are not deep enough



PE2-PA Wired Submersible Motor Parts & Materials



| No | Part Name | Material |
|----|-----------------------------|----------------------|
| 1 | Stator | - |
| 1a | Winding Wire | PE2 / PA |
| 1b | Stator Package | M350 / Magnetic Seal |
| 1c | Stator Shell | AISI 304 |
| 2 | Rotor | - |
| 2a | Shaft Sleeve | St 37 (Coated CrNi) |
| 2b | Balance Ring | St 37 |
| 2c | Copper Ring | Cu |
| 3 | Radial Bearing | Carbon |
| 4 | Upper Bearing Body | GG20-22 |
| 5 | Bushing | Bronze |
| 6 | Slinger (Sand Guard) | NBR_EPDM |
| 7 | Hexagon Socket Cap Screws | Inox |
| 8 | Copper Ring | Cu |
| 9 | Cover Seal | AISI 420 |
| 10 | Mechanical Seal | Ceramic Carbon |
| 11 | Axial Thrust Bearing Key | AISI 420 |
| 12 | Axial Thrust Bearing | Carbon With Antimony |
| 13 | Retaining Ring | St 37 |
| 14 | Tie Rod | Inox |
| 15 | Lower Bearing Body | GG20-22 |
| 16 | Thrust Bearing Support | GG20-22 |
| 17 | Ball Holder | St 37 (Coated Cr+3) |
| 18 | Thrust Bearing Ball | Inox |
| 19 | Tilting Pads | AISI 420 |
| 20 | O-ring | NBR 70 |
| 21 | Thrust Bearing Body | GG20 |
| 22 | Copper Ring | Cu |
| 23 | Nut | Inox |
| 24 | Screw (Thrust Bearing Base) | Inox |
| 25 | Membrane | NBR-EPDM |
| 26 | Membrane Body | GG22 |
| 27 | Hexagon Socket Cap Screws | Inox |
| 28 | Check-Valve | Bronze |
| 29 | O-ring | NBR 70 |
| 30 | Cable Seal | NBR |
| 31 | Seal Cover | AISI 304 |
| 32 | Nut | Inox |
| 33 | Plush (r 3/8") | Bronze |
| 34 | Ball Holder Pins | Inox |

6" Submersible Motors

PE2-PA Wired / 142 mm Outside Diameter / 6" NEMA Flange Standard



| Motor Type | P _N | | Axial Load | Voltage | n _N | I _N | I _A | Efficiency (% load) | | | Cos φ (% load) | | | Length | Weight |
|------------|----------------|------|------------|---------|----------------|----------------|----------------|---------------------|----|-----|----------------|----|----|--------|--------|
| | HP | kW | | | | | | kN | V | rpm | A | A | 50 | | |
| F6-VS550 | 5,5 | 4 | 20 | 380 | 2770 | 10,2 | 39,4 | 67 | 71 | 71 | 63 | 71 | 84 | 649 | 40 |
| | | | | 400 | 2785 | 9,8 | 37,8 | 68 | 72 | 72 | 59 | 67 | 82 | | |
| | | | | 415 | 2795 | 9,5 | 36,9 | 68 | 72 | 72 | 57,5 | 66 | 81 | | |
| F6-VS750 | 7,5 | 5,5 | 20 | 380 | 2780 | 13,3 | 52,7 | 70 | 73 | 75 | 63 | 71 | 84 | 649 | 40 |
| | | | | 400 | 2795 | 12,8 | 50,6 | 71 | 74 | 76 | 59 | 67 | 82 | | |
| | | | | 415 | 2805 | 12,3 | 48,7 | 72 | 75 | 77 | 57,5 | 66 | 81 | | |
| F6-VS1000 | 10 | 7,5 | 20 | 380 | 2790 | 17,2 | 66,4 | 77 | 79 | 79 | 63 | 71 | 84 | 678 | 43,5 |
| | | | | 400 | 2805 | 16,5 | 63,8 | 79 | 80 | 80 | 59 | 67 | 82 | | |
| | | | | 415 | 2815 | 16,1 | 62,2 | 79 | 80 | 80 | 57,5 | 66 | 81 | | |
| F6-VS1250 | 12,5 | 9,3 | 20 | 380 | 2850 | 20,8 | 80,3 | 80 | 81 | 81 | 63 | 71 | 84 | 758 | 50 |
| | | | | 400 | 2855 | 20,2 | 78,1 | 80 | 81 | 81 | 59 | 67 | 82 | | |
| | | | | 415 | 2865 | 19,5 | 75,3 | 81 | 82 | 82 | 57,5 | 66 | 81 | | |
| F6-VS1500 | 15 | 11 | 20 | 380 | 2810 | 23,7 | 91,6 | 81 | 82 | 82 | 67 | 75 | 86 | 800 | 55 |
| | | | | 400 | 2825 | 22,8 | 88,0 | 82 | 83 | 83 | 63 | 71 | 84 | | |
| | | | | 415 | 2835 | 22,2 | 85,9 | 82 | 83 | 83 | 61 | 69 | 83 | | |
| F6-VS1750 | 17,5 | 13 | 20 | 380 | 2820 | 28,7 | 110,9 | 80 | 81 | 81 | 65 | 73 | 85 | 851 | 60 |
| | | | | 400 | 2835 | 27,6 | 106,6 | 81 | 82 | 82 | 61 | 69 | 83 | | |
| | | | | 415 | 2845 | 26,6 | 102,7 | 82 | 83 | 83 | 59 | 67 | 82 | | |
| F6-VS2000 | 20 | 15 | 20 | 380 | 2850 | 33,1 | 127,9 | 80 | 81 | 81 | 65 | 73 | 85 | 911 | 65 |
| | | | | 400 | 2855 | 32,2 | 124,5 | 80 | 81 | 81 | 61 | 69 | 83 | | |
| | | | | 415 | 2865 | 31,0 | 120,0 | 81 | 82 | 82 | 59 | 67 | 82 | | |
| F6-VS2500 | 25 | 18,5 | 20 | 380 | 2850 | 41,8 | 161,6 | 80 | 81 | 81 | 61 | 69 | 83 | 973 | 72 |
| | | | | 400 | 2865 | 40,2 | 155,4 | 81 | 82 | 82 | 57,5 | 66 | 81 | | |
| | | | | 415 | 2875 | 38,8 | 149,8 | 82 | 83 | 83 | 56,5 | 65 | 80 | | |
| F6-VS3000 | 30 | 22 | 20 | 380 | 2860 | 48,5 | 187,6 | 81 | 82 | 82 | 63 | 71 | 84 | 1.006 | 76 |
| | | | | 400 | 2875 | 46,7 | 180,3 | 82 | 83 | 83 | 59 | 67 | 82 | | |
| | | | | 415 | 2885 | 45,0 | 173,9 | 83 | 84 | 84 | 57,5 | 66 | 81 | | |
| F6-VS3500 | 35 | 26,5 | 26,5 | 380 | 2870 | 56,4 | 217,9 | 83 | 84 | 84 | 65 | 73 | 85 | 1.106 | 87 |
| | | | | 400 | 2885 | 54,9 | 212,0 | 83 | 84 | 84 | 61 | 69 | 83 | | |
| | | | | 415 | 2895 | 52,9 | 204,4 | 84 | 85 | 85 | 59 | 67 | 82 | | |
| F6-VS4000 | 40 | 30 | 26,5 | 380 | 2880 | 64,6 | 249,7 | 82 | 83 | 83 | 65 | 73 | 85 | 1.217 | 98 |
| | | | | 400 | 2895 | 62,1 | 240,0 | 83 | 84 | 84 | 61 | 69 | 83 | | |
| | | | | 415 | 2905 | 59,9 | 231,4 | 84 | 85 | 85 | 59 | 67 | 82 | | |
| F6-VS5000 | 50 | 37 | 26,5 | 380 | 2890 | 79,7 | 315,6 | 80 | 81 | 83 | 65 | 73 | 85 | 1.247 | 103 |
| | | | | 400 | 2905 | 76,7 | 303,3 | 81 | 82 | 84 | 61 | 69 | 83 | | |
| | | | | 415 | 2915 | 74,7 | 288,8 | 83 | 84 | 84 | 59 | 67 | 82 | | |
| F6-VS6000 | 60 | 45 | 26,5 | 380 | 2890 | 96,9 | 374,7 | 82 | 81 | 83 | 65 | 73 | 85 | 1.347 | 110 |
| | | | | 400 | 2905 | 93,2 | 360,2 | 81 | 82 | 84 | 61 | 69 | 83 | | |
| | | | | 415 | 2915 | 87,7 | 339,0 | 83 | 84 | 84 | 59 | 67 | 85 | | |

Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

8" Submersible Motors

PE2-PA Wired / 192 mm Outside Diameter / 8" NEMA Flange Standard



| Motor Type | P _N | | Axial Load kN | Voltage V | n _N rpm | I _N A | I _A A | Efficiency (% load) | | | Cos φ (% load) | | | Length mm | Weight kg |
|------------|----------------|-----|------------------|--------------|-----------------------|---------------------|---------------------|---------------------|----|-----|----------------|----|-----|--------------|--------------|
| | HP | kW | | | | | | 50 | 75 | 100 | 50 | 75 | 100 | | |
| F8-VS4000 | 40 | 30 | 45 | 380 | 2850 | 61,7 | 239 | 82 | 83 | 83 | 75 | 80 | 89 | 996 | 120 |
| | | | | 400 | 2865 | 59,3 | 229 | 83 | 84 | 84 | 69 | 76 | 87 | | |
| | | | | 415 | 2875 | 57,8 | 223 | 83 | 84 | 84 | 67 | 75 | 86 | | |
| F8-VS5000 | 50 | 37 | 45 | 380 | 2860 | 74,3 | 287 | 84 | 85 | 85 | 75 | 80 | 89 | 1.056 | 129 |
| | | | | 400 | 2875 | 71,4 | 276 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2885 | 69,6 | 269 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS6000 | 60 | 45 | 45 | 380 | 2860 | 90,4 | 349 | 84 | 85 | 85 | 75 | 80 | 89 | 1.116 | 138 |
| | | | | 400 | 2875 | 86,8 | 336 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2885 | 84,6 | 327 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS7000 | 70 | 52 | 45 | 380 | 2850 | 103,3 | 399 | 84 | 85 | 85 | 77 | 83 | 90 | 1.201 | 152 |
| | | | | 400 | 2865 | 99,2 | 383 | 85 | 86 | 86 | 72 | 78 | 88 | | |
| | | | | 415 | 2875 | 96,7 | 374 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| F8-VS7500 | 75 | 55 | 45 | 380 | 2850 | 110,5 | 427 | 83 | 84 | 84 | 77 | 83 | 90 | 1.286 | 170 |
| | | | | 400 | 2865 | 107,4 | 415 | 83 | 84 | 84 | 72 | 78 | 88 | | |
| | | | | 415 | 2875 | 103,5 | 400 | 84 | 85 | 85 | 69 | 76 | 87 | | |
| F8-VS8000 | 80 | 60 | 45 | 380 | 2850 | 119,1 | 460 | 85 | 86 | 86 | 75 | 80 | 89 | 1.286 | 170 |
| | | | | 400 | 2865 | 115,7 | 447 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2875 | 112,9 | 436 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS9000 | 90 | 67 | 45 | 380 | 2850 | 134,6 | 520 | 84 | 85 | 85 | 75 | 80 | 89 | 1.341 | 185 |
| | | | | 400 | 2865 | 129,3 | 499 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2875 | 126,0 | 487 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS10000 | 100 | 75 | 45 | 380 | 2850 | 150,7 | 582 | 83 | 84 | 84 | 77 | 83 | 90 | 1.366 | 186 |
| | | | | 400 | 2865 | 144,7 | 559 | 84 | 85 | 85 | 72 | 78 | 88 | | |
| | | | | 415 | 2875 | 141,1 | 545 | 84 | 85 | 85 | 69 | 76 | 87 | | |
| F8-VS11000 | 110 | 81 | 55 | 380 | 2855 | 162,7 | 629 | 84 | 85 | 85 | 75 | 80 | 89 | 1.391 | 195 |
| | | | | 400 | 2860 | 156,3 | 604 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2865 | 152,4 | 589 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS12500 | 125 | 92 | 55 | 380 | 2820 | 184,8 | 714 | 84 | 85 | 85 | 75 | 80 | 89 | 1.471 | 210 |
| | | | | 400 | 2835 | 177,5 | 686 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2850 | 173,1 | 669 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS13500 | 135 | 100 | 55 | 380 | 2920 | 200,8 | 776 | 84 | 85 | 85 | 75 | 80 | 89 | 1.536 | 225 |
| | | | | 400 | 2925 | 192,9 | 746 | 85 | 86 | 86 | 69 | 76 | 87 | | |
| | | | | 415 | 2935 | 188,1 | 727 | 85 | 86 | 86 | 67 | 75 | 86 | | |
| F8-VS15000 | 150 | 110 | 55 | 380 | 2900 | 218,5 | 844 | 84 | 85 | 85 | 74 | 80 | 90 | 1.601 | 235 |
| | | | | 400 | 2910 | 207,4 | 802 | 85 | 86 | 86 | 69 | 76 | 89 | | |
| | | | | 415 | 2915 | 199,9 | 773 | 85 | 86 | 86 | 67 | 75 | 89 | | |

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NOTES

A series of horizontal dashed lines for writing notes.

