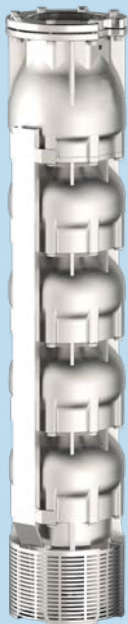


8LRH & 8LM lines

Deepwell Borehole



8LRH line



8LM line



Submersible Multistage Centrifugal Pumps for 8" Wells. The 8LRH line is a radial type execution, while the 8LM one is a semi-axial type. These pumps feature a check valve integrated into the delivery outlet. The pump motor bracket and coupling are manufactured in compliance with NEMA standards. All components are constructed from stainless steel using lost wax microfusion technology. The standard material is AISI 304 stainless steel. Alternatively, the following materials are available upon request: AISI 316 stainless steel and Duplex steel (EN 1.4462). The bushing bearings and wear rings are made from sand abrasion-resistant rubber, while the reverse-thrust ring is made of PTFE/Graphite. These pumps are suitable for a wide range of applications, including civil and agricultural uses.

General operating data:

- Capacity up to 192 m³/h
- Pressure up to 719 m
- Hydraulic efficiency 8", up to 78,5%
- Powers up to 185 kW
- Rotation speed 2.900 rpm
- Maximum depth: 350 m
- Maximum quantity of sand: 100 gr/m³
- Drinking water compatibility according to DM174
- MEI ≥ 0,4 (EU directive No.547/2012)
- Performance tolerance: ISO9906-3B.

Construction features

| | |
|--------------------------------------|---|
| Suction and delivery outlet | stainless steel AISI 304 (LRHS-LMS) stainless steel AISI 316 (LRHX-LMX) Duplex EN 1.4462 (LRHD-LMD) |
| Valve | stainless steel AISI 304 (LRHS-LMS) stainless steel AISI 316 (LRHX-LMX) Duplex EN 1.4462 (LRHD-LMD) |
| Impellers and diffusers | stainless steel AISI 304 (LRHS-LMS) stainless steel AISI 316 (LRHX-LMX) Duplex EN 1.4462 (LRHD-LMD) |
| Upper bushings | NBR rubber |
| Shaft pump side | stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex EN 1.4462 (LRD-LMD) |
| Quantity of sand in the water | max 100 gr/m ³ |

Motor

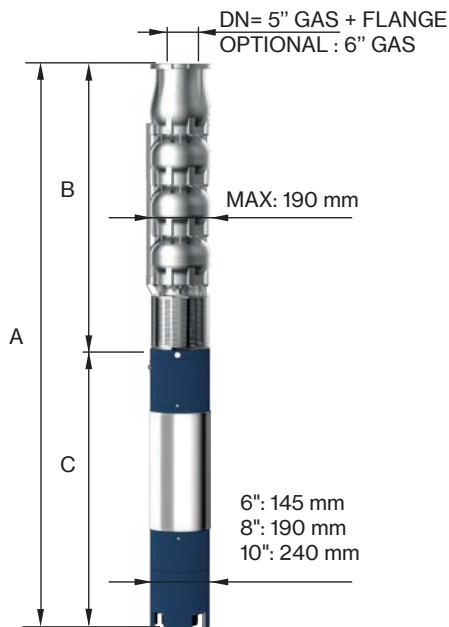
| | |
|----------------------------|--|
| Asynchronous 2 pole | rewindable water cooled |
| Insulation class | Y (max 30 °C) - PPC winding type F (max 50 °C) - PE2+PA or LPE winding type |
| Protection degree | IP68 |
| Liquid temperature | max 30 °C (max 50 °C on request) |
| Depth of immersion | max 350 m |



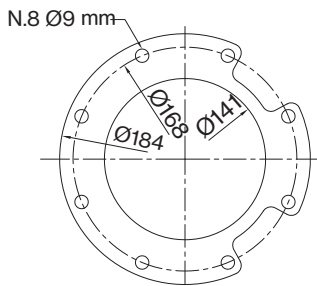
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|------|---------|-------------------|-----|-----|-----|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | l/min | 0 | 300 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | |
| | P2 | | CURRENT | l/sec | 0 | 5,0 | 6,7 | 10,0 | 13,3 | 16,7 | 20,0 | 23,3 | 26,7 |
| | HP | kW | A | m ³ /h | 0 | 18 | 24 | 36 | 48 | 60 | 72 | 84 | 96 |
| 8LM 80/01 | 10 | 7,5 | 16,3 | H (m) | 27 | 26 | 26 | 24 | 23 | 22 | 20 | 18 | 15 |
| 8LM 80/02 | 17,5 | 13 | 27,3 | | 54 | 53 | 51 | 49 | 47 | 44 | 40 | 35 | 30 |
| 8LM 80/03 | 25 | 18,5 | 38,3 | | 81 | 79 | 77 | 73 | 70 | 65 | 60 | 53 | 44 |
| 8LM 80/04 | 35 | 26 | 52,9 | | 108 | 105 | 103 | 97 | 93 | 87 | 80 | 70 | 59 |
| 8LM 80/05 | 40 | 30 | 61,1 | | 135 | 132 | 129 | 122 | 117 | 109 | 100 | 88 | 74 |
| 8LM 80/06 | 50 | 37 | 75,8 | | 162 | 158 | 154 | 146 | 140 | 131 | 120 | 105 | 89 |
| 8LM 80/07 | 60 | 45 | 86,3 | | 189 | 184 | 180 | 170 | 163 | 153 | 140 | 123 | 104 |
| 8LM 80/08 | 75 | 55 | 106,2 | | 216 | 210 | 206 | 194 | 186 | 174 | 160 | 140 | 118 |
| 8LM 80/09 | 75 | 55 | 106,2 | | 243 | 237 | 231 | 219 | 210 | 196 | 180 | 158 | 133 |
| 8LM 80/10 | 90 | 66 | 126,0 | | 270 | 263 | 257 | 243 | 233 | 218 | 200 | 175 | 148 |

| | |
|--------------|------|
| Max Eff. % | 74 |
| Max kW / St. | 5,75 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 3 | 3 | 3,5 | 4,5 |



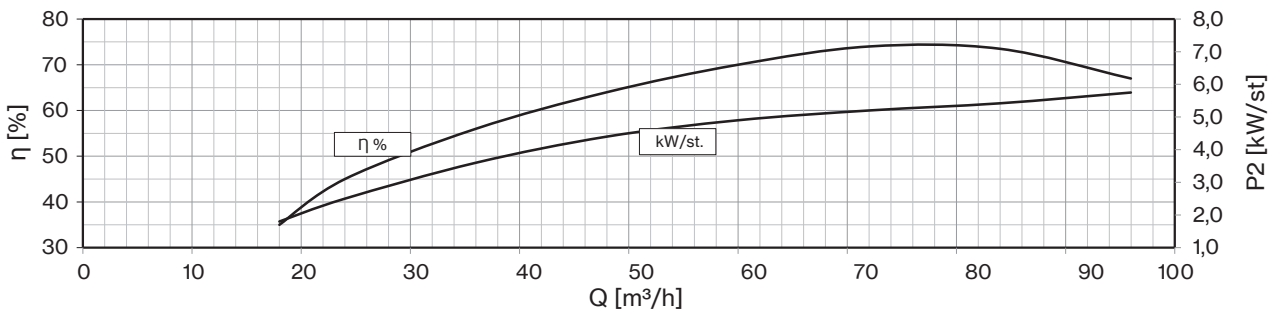
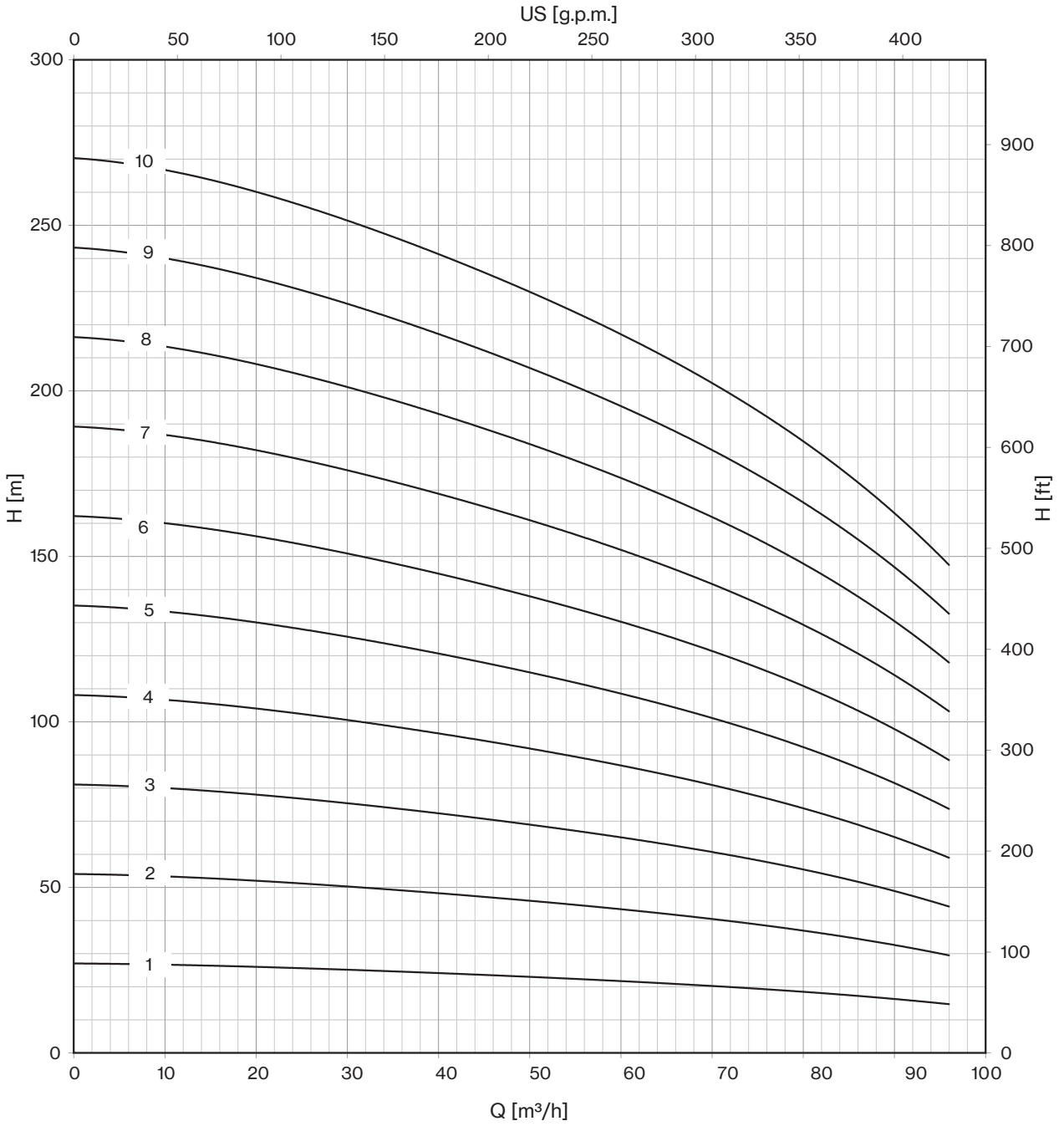
| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|-------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 80/01-6 | 6" NEMA | 1164 | 463 | 701 | 55 | 19 |
| 8LM 80/02-6 | | 1429 | 588 | 841 | 70 | 25 |
| 8LM 80/03-6 | | 1704 | 713 | 991 | 83 | 32 |
| 8LM 80/04-6 | | 2019 | 838 | 1181 | 100 | 38 |
| 8LM 80/05-6 | | 2214 | 963 | 1251 | 108 | 45 |
| 8LM 80/06-6 | 2429 | 1088 | 1341 | 118 | 51 | |
| 8LM 80/07 | 8" NEMA | 2336 | 1213 | 1123 | 178 | 58 |
| 8LM 80/08 | | 2633 | 1400 | 1233 | 200 | 65 |
| 8LM 80/09 | | 2758 | 1525 | 1233 | 200 | 71 |
| 8LM 80/10 | | 2952 | 1650 | 1302 | 214 | 78 |



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm



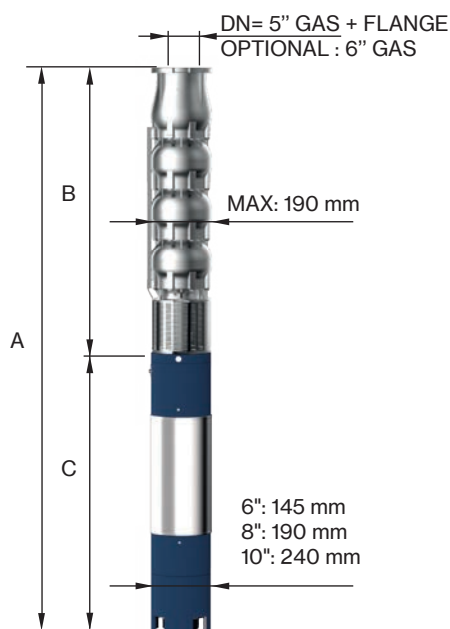
8LM 80



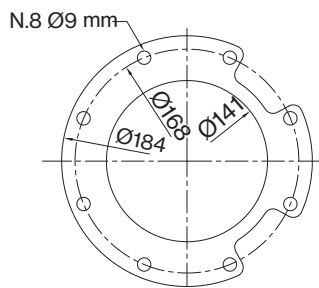
| 50 Hz - 2900 rpm | | | | | Q | | | | | | | | |
|-------------------|------------------------|-----|---------|----------|-----|-----|-----|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3~ 400V | | I/min | | 0 | 300 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 |
| | P2 | | CURRENT | I/sec | 0 | 5,0 | 6,7 | 10,0 | 13,3 | 16,7 | 20,0 | 23,3 | 26,7 |
| | HP | kW | A | m³/h | 0 | 18 | 24 | 36 | 48 | 60 | 72 | 84 | 96 |
| 8LM 80/11 | 90 | 66 | 126,0 | H (m) | 297 | 289 | 283 | 267 | 256 | 240 | 220 | 193 | 163 |
| 8LM 80/12 | 100 | 75 | 143,2 | | 324 | 316 | 308 | 292 | 280 | 262 | 240 | 210 | 178 |
| 8LM 80/13 | 100 | 75 | 143,2 | | 351 | 342 | 334 | 316 | 303 | 283 | 260 | 228 | 192 |
| 8LM 80/14 | 125 | 92 | 175,1 | | 378 | 368 | 360 | 340 | 326 | 305 | 280 | 245 | 207 |
| 8LM 80/15 | 125 | 92 | 175,1 | | 405 | 395 | 386 | 365 | 350 | 327 | 300 | 263 | 222 |
| 8LM 80/16 | 125 | 92 | 175,1 | | 432 | 421 | 411 | 389 | 373 | 349 | 320 | 280 | 237 |
| 8LM 80/17D | 150 | 110 | 211,0 | | 459 | 447 | 437 | 413 | 396 | 371 | 340 | 298 | 252 |
| 8LM 80/18D | 150 | 110 | 211,0 | | 486 | 473 | 463 | 437 | 419 | 392 | 360 | 315 | 266 |
| 8LM 80/19D | 150 | 110 | 211,0 | | 513 | 500 | 488 | 462 | 443 | 414 | 380 | 333 | 281 |
| 8LM 80/20D | 175 | 130 | 245,3 | | 540 | 526 | 514 | 486 | 466 | 436 | 400 | 350 | 296 |

| | |
|--------------|------|
| Max Eff. % | 74 |
| Max kW / St. | 5,75 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 3 | 3 | 3,5 | 4,5 |



| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|----------------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 80/11 | 8" NEMA | 3077 | 1775 | 1302 | 214 | 84 |
| 8LM 80/12 | | 3283 | 1900 | 1383 | 230 | 90 |
| 8LM 80/13 | | 3408 | 2025 | 1383 | 230 | 97 |
| 8LM 80/14 | | 3733 | 2150 | 1583 | 270 | 103 |
| 8LM 80/15 | | 3858 | 2275 | 1583 | 270 | 110 |
| 8LM 80/16 | | 3983 | 2400 | 1583 | 270 | 116 |
| 8LM 80/17D | | 4258 | 2525 | 1733 | 300 | 123 |
| 8LM 80/18D | | 4383 | 2650 | 1733 | 300 | 129 |
| 8LM 80/19D | | 4508 | 2775 | 1733 | 300 | 136 |
| 8LM 80/20D-10 | 10" | 4534 | 2900 | 1634 | 385 | 142 |

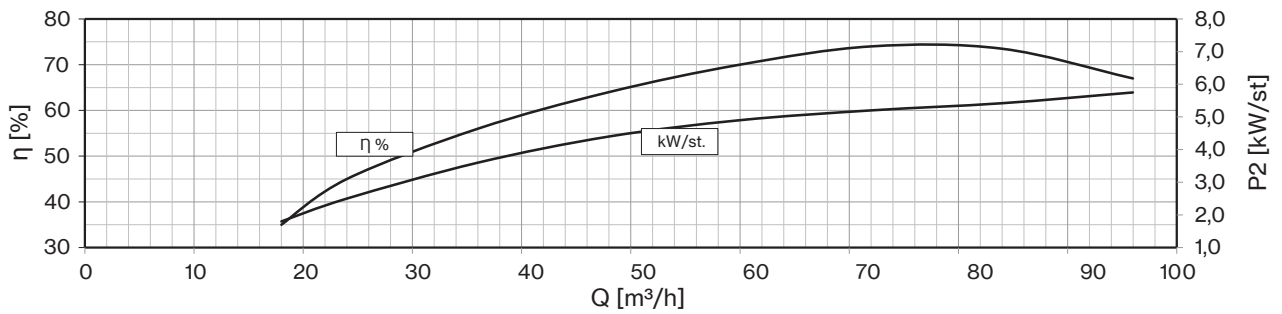
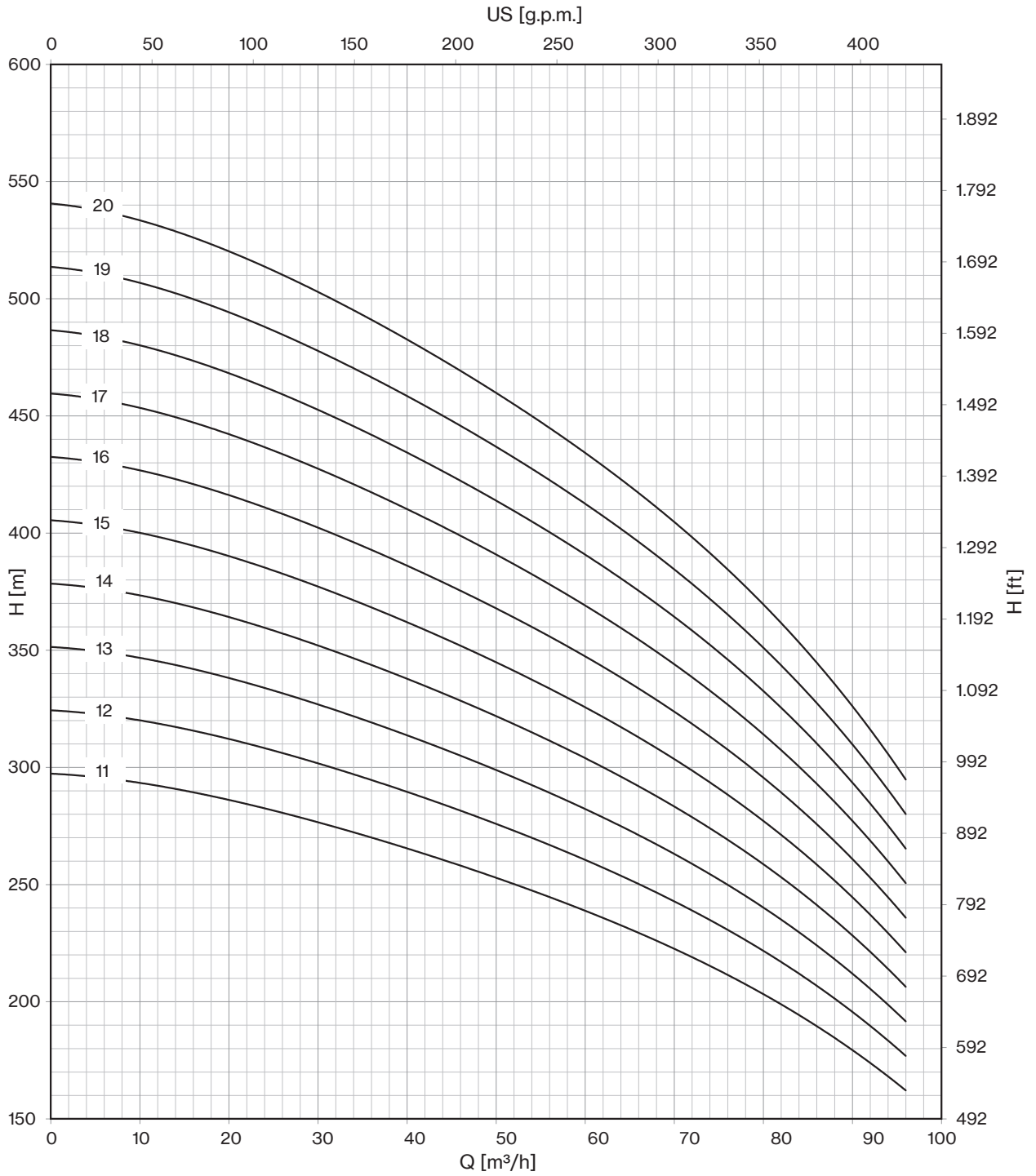


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

"D" Pump shaft in Duplex EN 1.4462



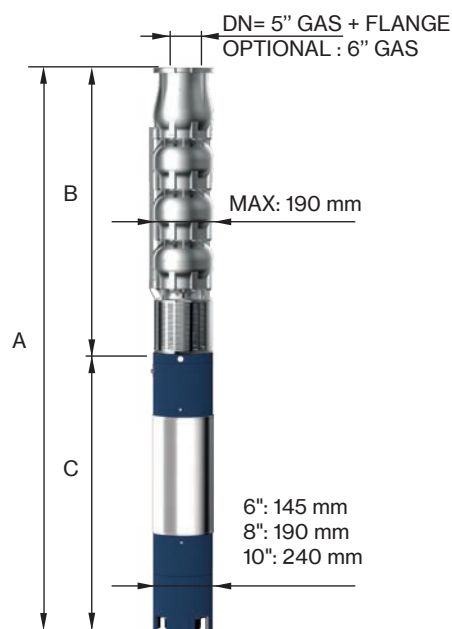
8LM 80



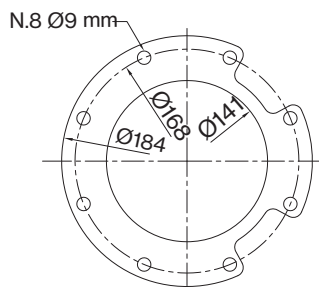
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|-----|---------|-------------------|-----|-----|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | l/min | 0 | 300 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | |
| | P2 | | CURRENT | l/sec | 0 | 5,0 | 13,3 | 16,7 | 20,0 | 23,3 | 26,7 | 30,0 | 33,3 |
| | HP | kW | A | m ³ /h | 0 | 18 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
| 8LM 92/01 | 10 | 7,5 | 16,3 | H (m) | 27 | 26 | 24 | 23 | 22 | 20 | 18 | 16 | 13 |
| 8LM 92/02 | 17,5 | 13 | 27,3 | | 54 | 53 | 49 | 47 | 44 | 40 | 36 | 31 | 25 |
| 8LM 92/03 | 30 | 22 | 45,1 | | 81 | 79 | 73 | 70 | 65 | 60 | 54 | 47 | 38 |
| 8LM 92/04 | 35 | 26 | 52,9 | | 108 | 105 | 97 | 93 | 87 | 80 | 72 | 62 | 50 |
| 8LM 92/05 | 50 | 37 | 75,8 | | 135 | 132 | 122 | 117 | 109 | 101 | 90 | 78 | 63 |
| 8LM 92/06 | 60 | 45 | 86,3 | | 162 | 158 | 146 | 140 | 131 | 121 | 107 | 93 | 76 |
| 8LM 92/07 | 75 | 55 | 106,2 | | 189 | 184 | 170 | 163 | 153 | 141 | 125 | 109 | 88 |
| 8LM 92/08 | 75 | 55 | 106,2 | | 216 | 210 | 194 | 186 | 174 | 161 | 143 | 124 | 101 |
| 8LM 92/09 | 90 | 66 | 126,0 | | 243 | 237 | 219 | 210 | 196 | 181 | 161 | 140 | 113 |
| 8LM 92/10 | 90 | 66 | 126,0 | | 270 | 263 | 243 | 233 | 218 | 201 | 179 | 155 | 126 |

| | |
|--------------|------|
| Max Eff. % | 75 |
| Max kW / St. | 6,47 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 2,5 | 2,9 | 3,9 | 7,8 |



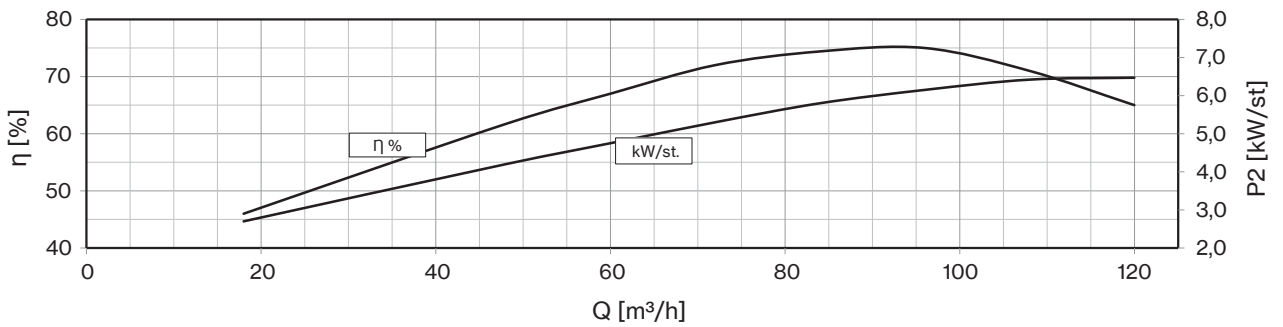
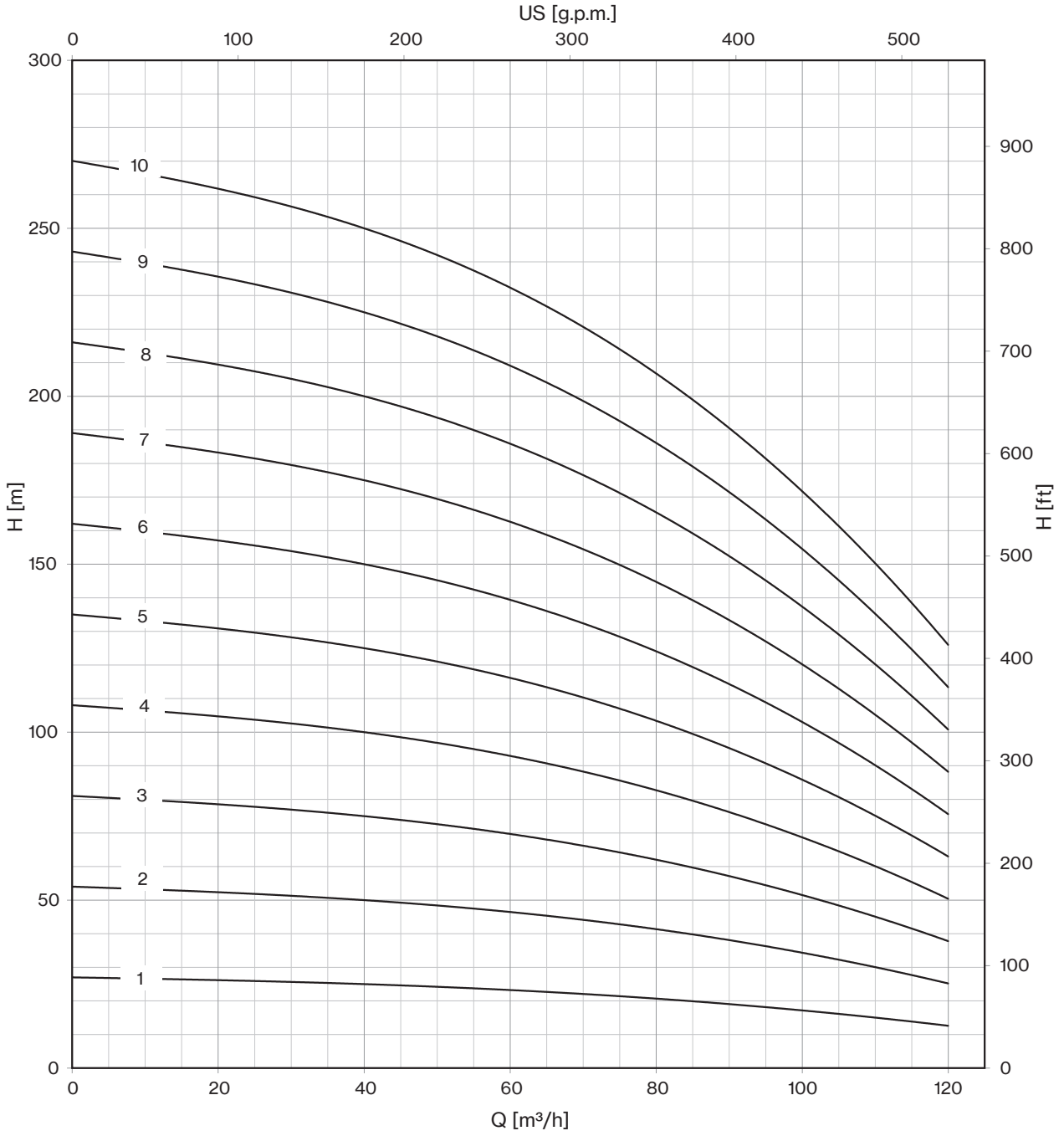
| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|-------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 92/01-6 | 6" NEMA | 1164 | 463 | 701 | 55 | 19 |
| 8LM 92/02-6 | | 1429 | 588 | 841 | 70 | 26 |
| 8LM 92/03-6 | | 1784 | 713 | 1071 | 92 | 32 |
| 8LM 92/04-6 | | 2019 | 838 | 1181 | 100 | 39 |
| 8LM 92/05-6 | | 2304 | 963 | 1341 | 118 | 46 |
| 8LM 92/06 | 8" NEMA | 2211 | 1088 | 1123 | 178 | 53 |
| 8LM 92/07 | | 2508 | 1275 | 1233 | 200 | 60 |
| 8LM 92/08 | | 2633 | 1400 | 1233 | 200 | 67 |
| 8LM 92/09 | | 2827 | 1525 | 1302 | 214 | 74 |
| 8LM 92/10 | | 2952 | 1650 | 1302 | 214 | 81 |



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm



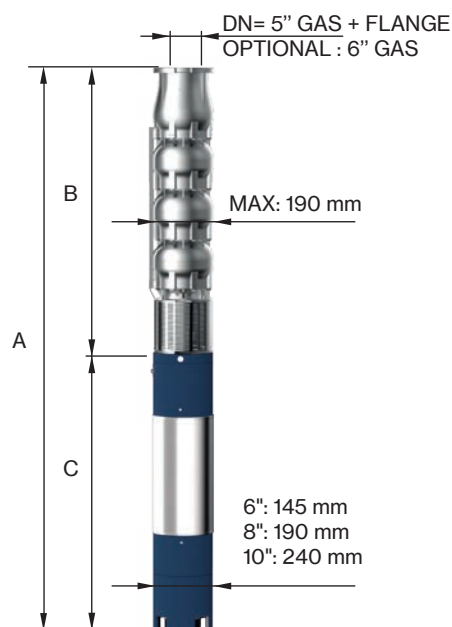
8LM 92



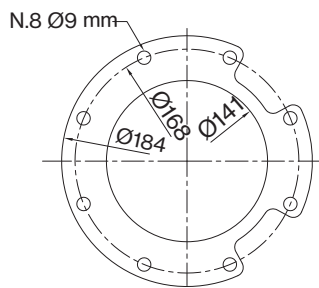
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|-----|---------|----------|-----|-----|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | I/min | 0 | 300 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | |
| | P2 | | CURRENT | I/sec | 0 | 5,0 | 13,3 | 16,7 | 20,0 | 23,3 | 26,7 | 30,0 | 33,3 |
| | HP | kW | A | m³/h | 0 | 18 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
| 8LM 92/11 | 100 | 75 | 143,2 | H (m) | 297 | 289 | 267 | 256 | 240 | 221 | 197 | 171 | 139 |
| 8LM 92/12 | 125 | 92 | 175,1 | | 324 | 316 | 292 | 280 | 262 | 241 | 215 | 186 | 151 |
| 8LM 92/13 | 125 | 92 | 175,1 | | 351 | 342 | 316 | 303 | 283 | 261 | 233 | 202 | 164 |
| 8LM 92/14 | 125 | 92 | 175,1 | | 378 | 368 | 340 | 326 | 305 | 281 | 251 | 217 | 176 |
| 8LM 92/15D | 150 | 110 | 211,0 | | 405 | 395 | 365 | 350 | 327 | 302 | 269 | 233 | 189 |
| 8LM 92/16D | 150 | 110 | 211,0 | | 432 | 421 | 389 | 373 | 349 | 322 | 286 | 248 | 202 |
| 8LM 92/17D | 150 | 110 | 211,0 | | 459 | 447 | 413 | 396 | 371 | 342 | 304 | 264 | 214 |
| 8LM 92/18D | 175 | 130 | 245,3 | | 486 | 473 | 437 | 419 | 392 | 362 | 322 | 279 | 227 |
| 8LM 92/19D | 175 | 130 | 245,3 | | 513 | 500 | 462 | 443 | 414 | 382 | 340 | 295 | 239 |
| 8LM 92/20D | 175 | 130 | 245,3 | | 540 | 526 | 486 | 466 | 436 | 402 | 358 | 310 | 252 |

| | |
|--------------|-----|
| Max Eff. % | 75 |
| Max kW / St. | 6,5 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 2,5 | 2,9 | 3,9 | 7,8 |



| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|---------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 92/11 | 8" NEMA | 3158 | 1775 | 1383 | 230 | 88 |
| 8LM 92/12 | | 3483 | 1900 | 1583 | 270 | 94 |
| 8LM 92/13 | | 3608 | 2025 | 1583 | 270 | 101 |
| 8LM 92/14 | | 3733 | 2150 | 1583 | 270 | 108 |
| 8LM 92/15D | | 4008 | 2275 | 1733 | 300 | 115 |
| 8LM 92/16D | 4133 | 2400 | 1733 | 300 | 122 | |
| 8LM 92/17D | 4258 | 2525 | 1733 | 300 | 128 | |
| 8LM 92/18D-10 | 10" | 4284 | 2650 | 1634 | 385 | 138 |
| 8LM 92/19D-10 | | 4409 | 2775 | 1634 | 385 | 145 |
| 8LM 92/20D-10 | | 4534 | 2900 | 1634 | 385 | 152 |

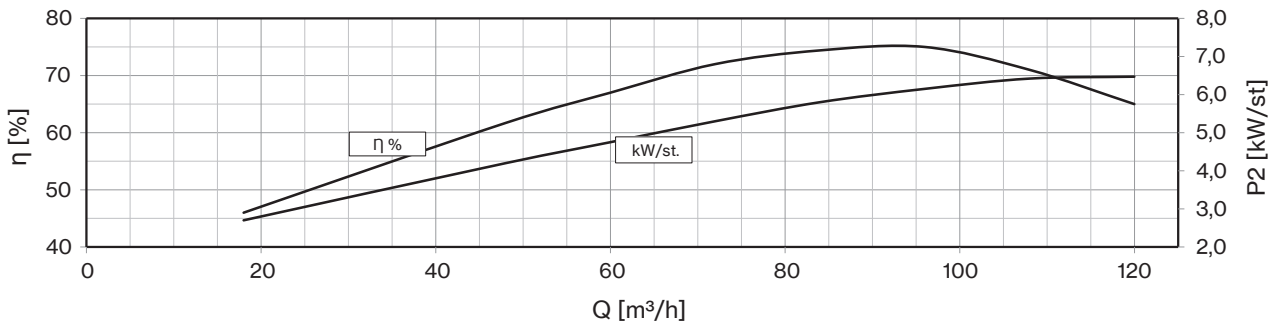
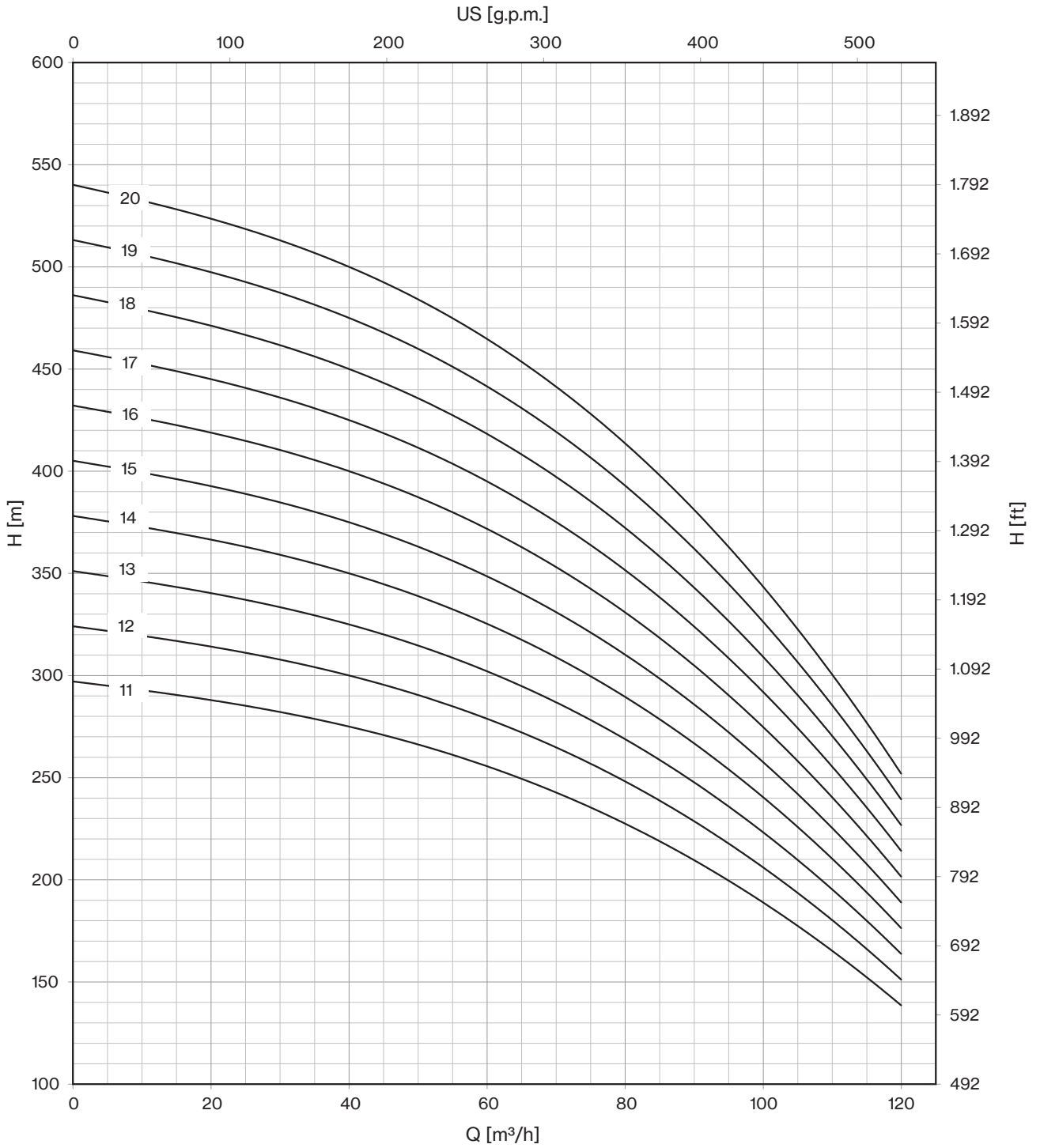


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

"D" Pump shaft in Duplex EN 1.4462



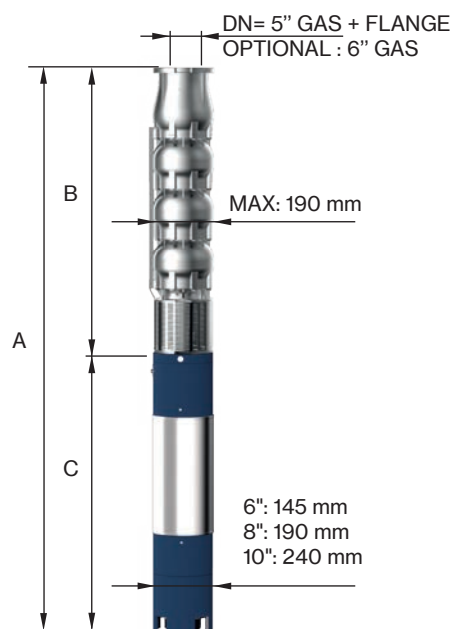
8LM 92



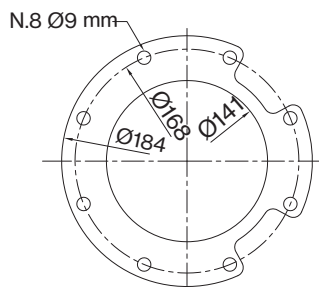
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|-----|---------|-------------------|-----|------|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | l/min | 0 | 600 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | |
| | P2 | | CURRENT | l/sec | 0 | 10,0 | 20,0 | 23,3 | 26,7 | 30,0 | 33,3 | 36,7 | 40,0 |
| | HP | kW | A | m ³ /h | 0 | 36 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |
| 8LM 110/01 | 10 | 7,5 | 16,3 | H (m) | 28 | 25 | 22 | 21 | 20 | 19 | 17 | 15 | 13 |
| 8LM 110/02 | 20 | 15 | 31,5 | | 55 | 51 | 44 | 42 | 41 | 38 | 35 | 31 | 26 |
| 8LM 110/03 | 30 | 22 | 45,1 | | 83 | 76 | 65 | 63 | 61 | 57 | 52 | 46 | 38 |
| 8LM 110/04 | 40 | 30 | 61,1 | | 110 | 101 | 87 | 84 | 82 | 76 | 69 | 62 | 51 |
| 8LM 110/05 | 50 | 37 | 75,8 | | 138 | 127 | 109 | 106 | 102 | 96 | 87 | 77 | 64 |
| 8LM 110/06 | 60 | 45 | 86,3 | | 165 | 152 | 131 | 127 | 122 | 115 | 104 | 92 | 77 |
| 8LM 110/07 | 75 | 55 | 106,2 | | 193 | 177 | 153 | 148 | 143 | 134 | 121 | 108 | 90 |

| | |
|--------------|-----|
| Max Eff. % | 77 |
| Max kW / St. | 7,2 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 2,5 | 2,9 | 3,9 | 7,8 |

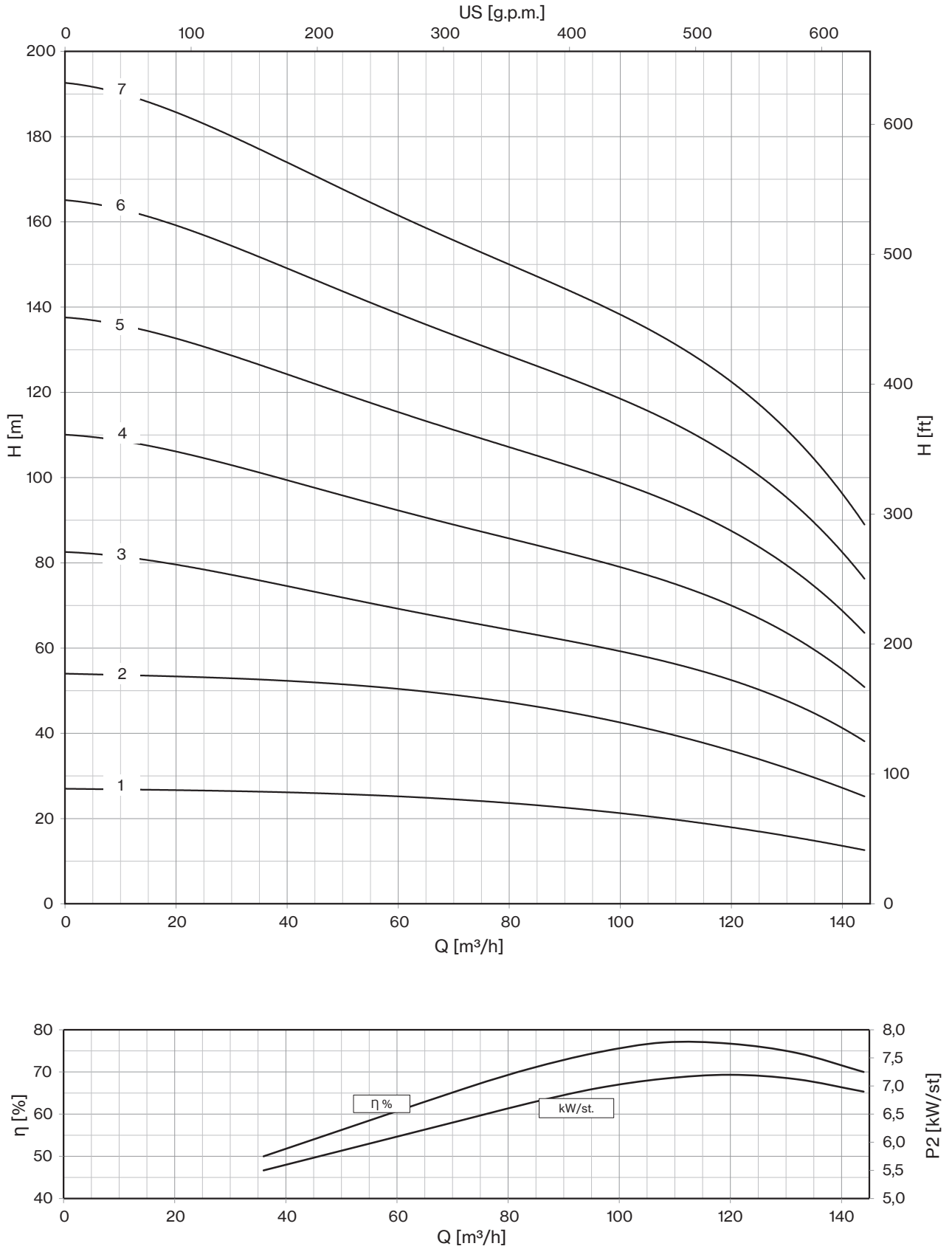


| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|--------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 110/01-6 | 6" NEMA | 1164 | 463 | 701 | 55 | 19 |
| 8LM 110/02-6 | | 1519 | 588 | 931 | 75 | 26 |
| 8LM 110/03-6 | | 1784 | 713 | 1071 | 92 | 32 |
| 8LM 110/04-6 | | 2089 | 838 | 1251 | 108 | 39 |
| 8LM 110/05-6 | | 2304 | 963 | 1341 | 118 | 46 |
| 8LM 110/06 | 8" NEMA | 2273 | 1150 | 1123 | 178 | 54 |
| 8LM 110/07 | | 2508 | 1275 | 1233 | 200 | 60 |



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

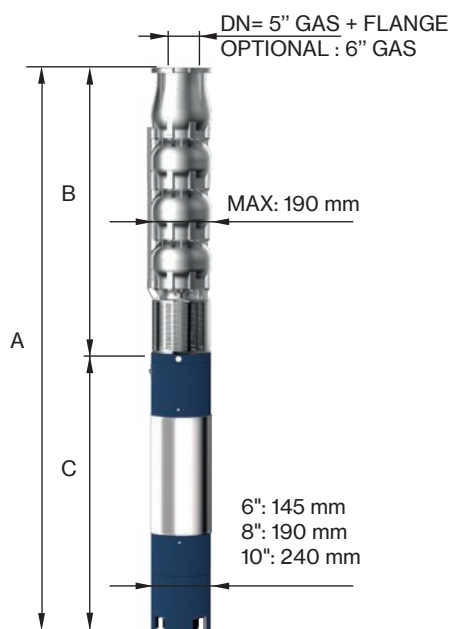
8LM 110



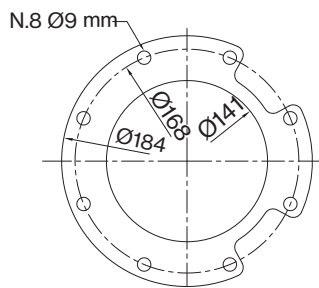
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|-----|---------|----------|-----|-------------------|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | I/min | 0 | 600 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | |
| | P2 | | | I/sec | 0 | 10,0 | 20,0 | 23,3 | 26,7 | 30,0 | 33,3 | 36,7 | 40,0 |
| | HP | kW | CURRENT | | A | m ³ /h | 0 | 36 | 72 | 84 | 96 | 108 | 120 |
| 8LM 110/08 | 90 | 66 | 126,0 | H (m) | 220 | 202 | 174 | 169 | 163 | 153 | 138 | 123 | 102 |
| 8LM 110/09 | 90 | 66 | 126,0 | | 248 | 228 | 196 | 190 | 184 | 172 | 156 | 139 | 115 |
| 8LM 110/10 | 100 | 75 | 143,2 | | 275 | 253 | 218 | 211 | 204 | 191 | 173 | 154 | 128 |
| 8LM 110/11 | 125 | 92 | 175,1 | | 303 | 278 | 240 | 232 | 224 | 210 | 190 | 169 | 141 |
| 8LM 110/12 | 125 | 92 | 175,1 | | 330 | 304 | 262 | 253 | 245 | 229 | 208 | 185 | 154 |
| 8LM 110/13D | 150 | 110 | 211,0 | | 358 | 329 | 283 | 274 | 265 | 248 | 225 | 200 | 166 |
| 8LM 110/14D | 150 | 110 | 211,0 | | 385 | 354 | 305 | 295 | 286 | 267 | 242 | 216 | 179 |
| 8LM 110/15D | 150 | 110 | 211,0 | | 413 | 380 | 327 | 317 | 306 | 287 | 260 | 231 | 192 |
| 8LM 110/16D | 175 | 130 | 245,3 | | 440 | 405 | 349 | 338 | 326 | 306 | 277 | 246 | 205 |
| 8LM 110/17D | 175 | 130 | 245,3 | | 468 | 430 | 371 | 359 | 347 | 325 | 294 | 262 | 218 |
| 8LM 110/18D | 175 | 130 | 245,3 | 495 | 455 | 392 | 380 | 367 | 344 | 311 | 277 | 230 | |

| | |
|--------------|-----|
| Max Eff. % | 77 |
| Max kW / St. | 7,2 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 2,5 | 2,9 | 3,9 | 7,8 |



| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|----------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 110/08 | 8" NEMA | 2702 | 1400 | 1302 | 214 | 67 |
| 8LM 110/09 | | 2827 | 1525 | 1302 | 214 | 74 |
| 8LM 110/10 | | 3033 | 1650 | 1383 | 230 | 81 |
| 8LM 110/11 | | 3358 | 1775 | 1583 | 270 | 88 |
| 8LM 110/12 | | 3483 | 1900 | 1583 | 270 | 94 |
| 8LM 110/13D | | 3758 | 2025 | 1733 | 300 | 101 |
| 8LM 110/14D | | 3883 | 2150 | 1733 | 300 | 108 |
| 8LM 110/15D | | 4008 | 2275 | 1733 | 300 | 115 |
| 8LM 110/16D-10 | 10" | 4034 | 2400 | 1634 | 385 | 125 |
| 8LM 110/17D-10 | | 4159 | 2525 | 1634 | 385 | 132 |
| 8LM 110/18D-10 | | 4284 | 2650 | 1634 | 385 | 138 |

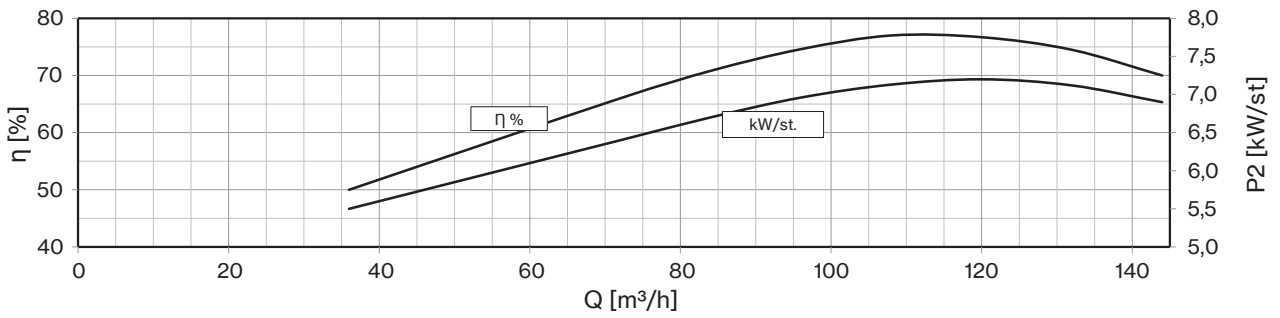
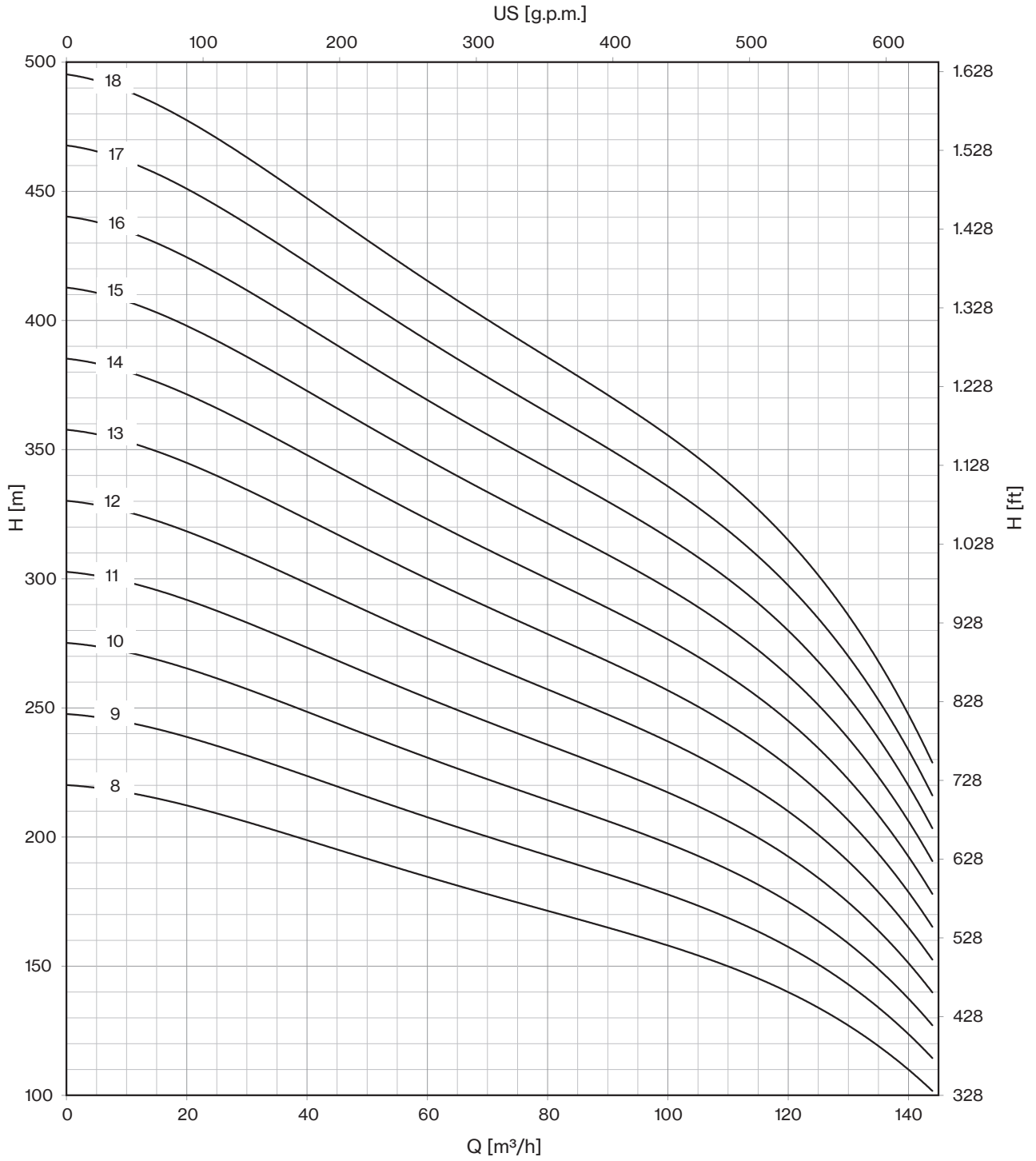


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

"D" Pump shaft in Duplex EN 1.4462



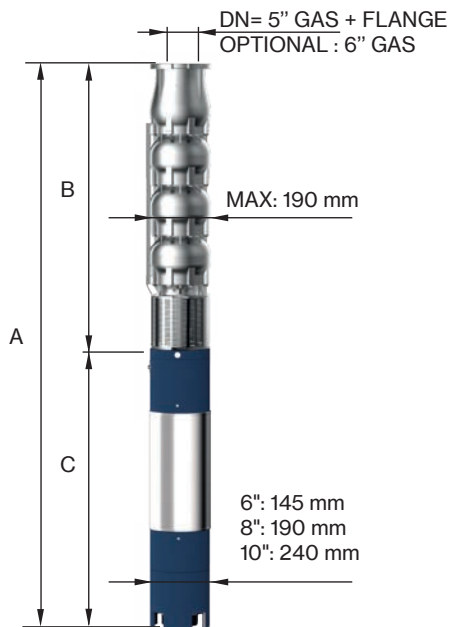
8LM 110



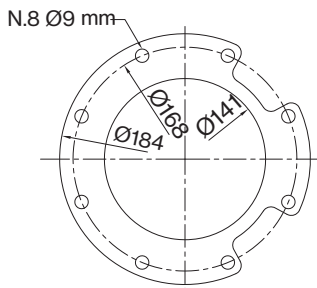
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|------|-------|----------|------|------|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | I/min | 0 | 600 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | |
| | P2 | | | I/sec | 0 | 10,0 | 26,7 | 30,0 | 33,3 | 36,7 | 40,0 | 43,3 | 46,7 |
| | HP | kW | A | | m³/h | 0 | 36 | 96 | 108 | 120 | 132 | 144 | 156 |
| 8LM 130/01 | 12,5 | 9,2 | 19,9 | H (m) | 27 | 25 | 21 | 20 | 19 | 18 | 16 | 15 | 12 |
| 8LM 130/02 | 25 | 18,5 | 38,3 | | 54 | 49 | 41 | 40 | 38 | 36 | 33 | 29 | 24 |
| 8LM 130/03 | 35 | 26 | 52,9 | | 81 | 74 | 62 | 59 | 57 | 54 | 49 | 44 | 36 |
| 8LM 130/04 | 50 | 37 | 75,8 | | 108 | 98 | 83 | 79 | 76 | 72 | 66 | 58 | 48 |
| 8LM 130/05 | 60 | 45 | 86,3 | | 135 | 123 | 104 | 99 | 95 | 90 | 82 | 73 | 60 |
| 8LM 130/06 | 75 | 55 | 106,2 | | 162 | 147 | 124 | 119 | 114 | 108 | 98 | 87 | 72 |
| 8LM 130/07 | 90 | 66 | 126,0 | | 189 | 172 | 145 | 139 | 133 | 126 | 115 | 102 | 84 |
| 8LM 130/08 | 100 | 75 | 143,2 | | 216 | 196 | 166 | 158 | 152 | 144 | 131 | 116 | 96 |

| | |
|--------------|-----|
| Max Eff. % | 78 |
| Max kW / St. | 8,4 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 2,5 | 3 | 3,5 | 8,7 |



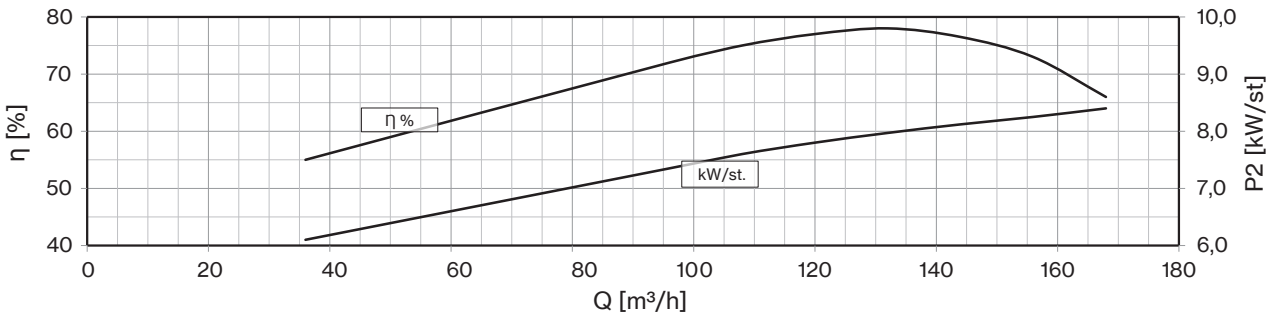
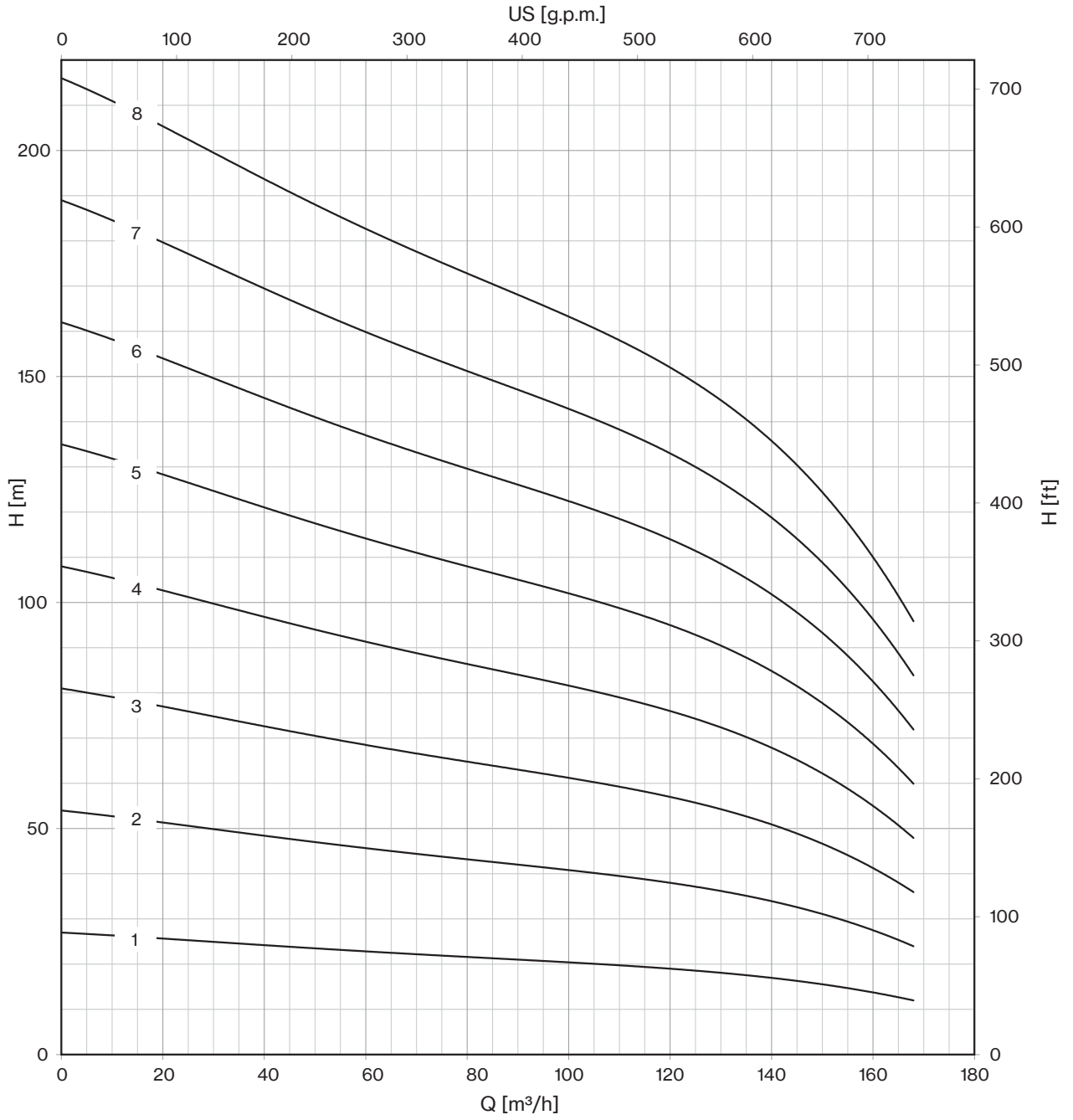
| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|--------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 130/01-6 | 6" NEMA | 1214 | 463 | 751 | 60 | 19 |
| 8LM 130/02-6 | | 1579 | 588 | 991 | 83 | 26 |
| 8LM 130/03-6 | | 1894 | 713 | 1181 | 100 | 33 |
| 8LM 130/04-6 | 8" NEMA | 2179 | 838 | 1341 | 118 | 40 |
| 8LM 130/05 | | 2148 | 1025 | 1123 | 178 | 48 |
| 8LM 130/06 | | 2383 | 1150 | 1233 | 200 | 55 |
| 8LM 130/07 | | 2577 | 1275 | 1302 | 214 | 62 |
| 8LM 130/08 | | 2783 | 1400 | 1383 | 230 | 69 |



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm



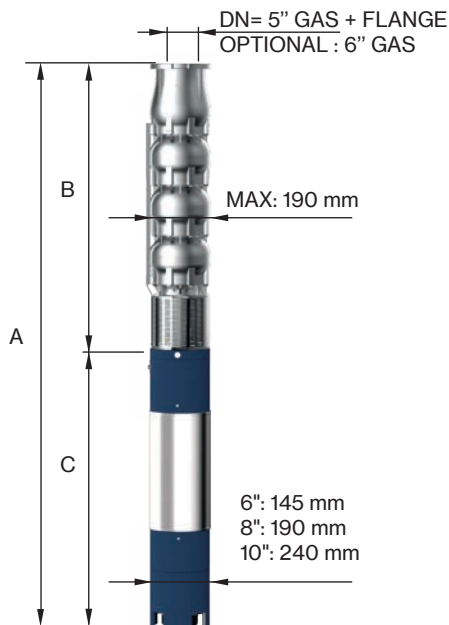
8LM 130



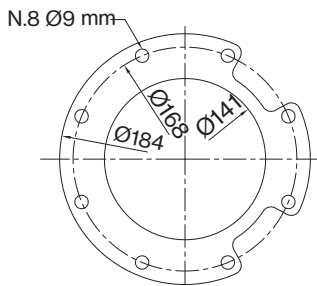
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|-----|---------|----------|-----|-------------------|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | I/min | 0 | 600 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | |
| | P2 | | | I/sec | 0 | 10,0 | 26,7 | 30,0 | 33,3 | 36,7 | 40,0 | 43,3 | 46,7 |
| | HP | kW | CURRENT | | A | m ³ /h | 0 | 36 | 96 | 108 | 120 | 132 | 144 |
| 8LM 130/09 | 125 | 92 | 175,1 | H (m) | 243 | 221 | 186 | 178 | 171 | 162 | 148 | 131 | 108 |
| 8LM 130/10 | 125 | 92 | 175,1 | | 270 | 245 | 207 | 198 | 190 | 180 | 164 | 145 | 120 |
| 8LM 130/11 | 150 | 110 | 211,0 | | 297 | 270 | 228 | 218 | 209 | 198 | 180 | 160 | 132 |
| 8LM 130/12D | 150 | 110 | 211,0 | | 324 | 294 | 248 | 238 | 228 | 216 | 197 | 174 | 144 |
| 8LM 130/13D | 150 | 110 | 211,0 | | 351 | 319 | 269 | 257 | 247 | 234 | 213 | 189 | 156 |
| 8LM 130/14D | 175 | 130 | 245,3 | | 378 | 343 | 290 | 277 | 266 | 252 | 230 | 203 | 168 |
| 8LM 130/15D | 175 | 130 | 245,3 | | 405 | 368 | 311 | 297 | 285 | 270 | 246 | 218 | 180 |
| 8LM 130/16D | 200 | 150 | 277,2 | | 432 | 392 | 331 | 317 | 304 | 288 | 262 | 232 | 192 |
| 8LM 130/17D | 200 | 150 | 277,2 | | 459 | 417 | 352 | 337 | 323 | 306 | 279 | 247 | 204 |
| 8LM 130/18D | 225 | 165 | 313,3 | | 486 | 441 | 373 | 356 | 342 | 324 | 295 | 261 | 216 |

| | |
|--------------|-----|
| Max Eff. % | 78 |
| Max kW / St. | 8,4 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 2,5 | 3 | 3,5 | 8,7 |



| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|----------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 130/09 | 8" NEMA | 3108 | 1525 | 1583 | 270 | 76 |
| 8LM 130/10 | | 3233 | 1650 | 1583 | 270 | 83 |
| 8LM 130/11 | | 3508 | 1775 | 1733 | 300 | 90 |
| 8LM 130/12D | | 3633 | 1900 | 1733 | 300 | 97 |
| 8LM 130/13D | | 3758 | 2025 | 1733 | 300 | 104 |
| 8LM 130/14D-10 | 10" | 3784 | 2150 | 1634 | 385 | 114 |
| 8LM 130/15D-10 | | 3909 | 2275 | 1634 | 385 | 121 |
| 8LM 130/16D-10 | | 4134 | 2400 | 1734 | 415 | 128 |
| 8LM 130/17D-10 | | 4259 | 2525 | 1734 | 415 | 135 |
| 8LM 130/18D-10 | | 4504 | 2650 | 1854 | 444 | 142 |

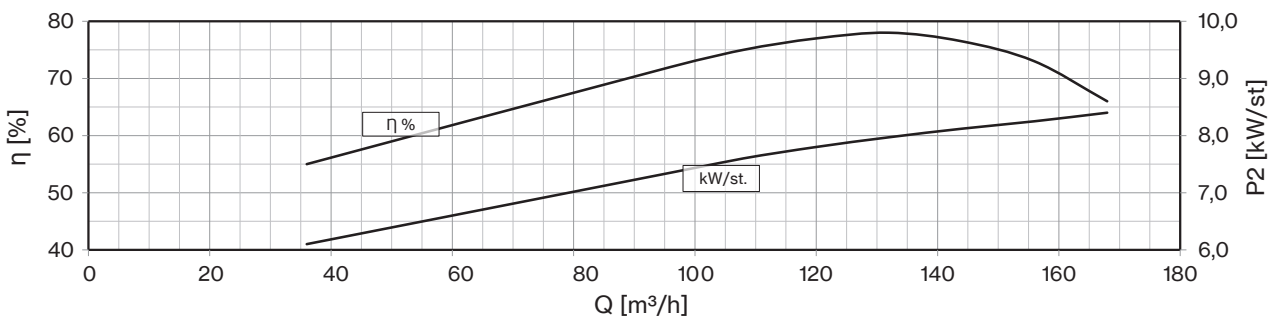
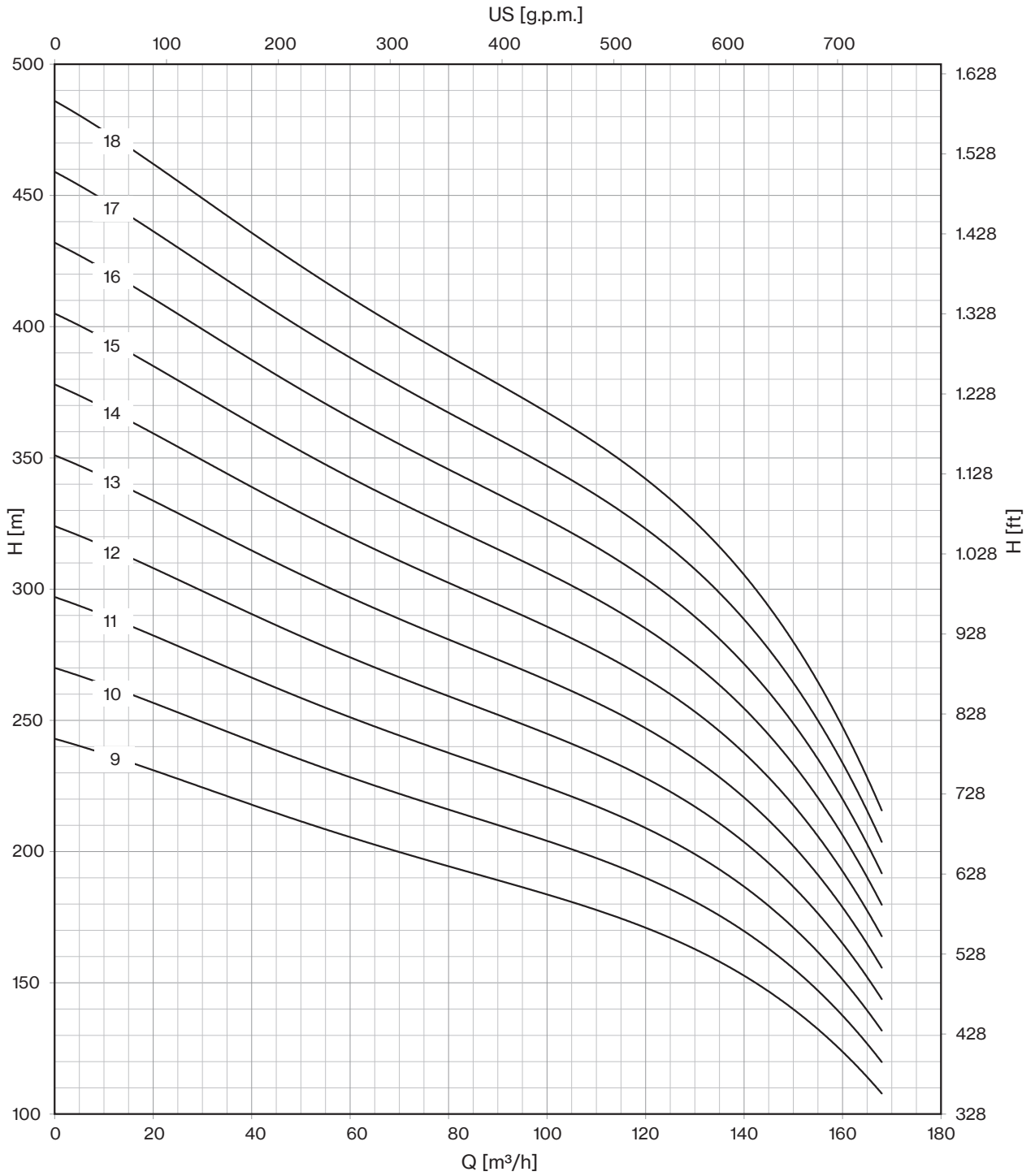


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

"D" Pump shaft in Duplex EN 1.4462



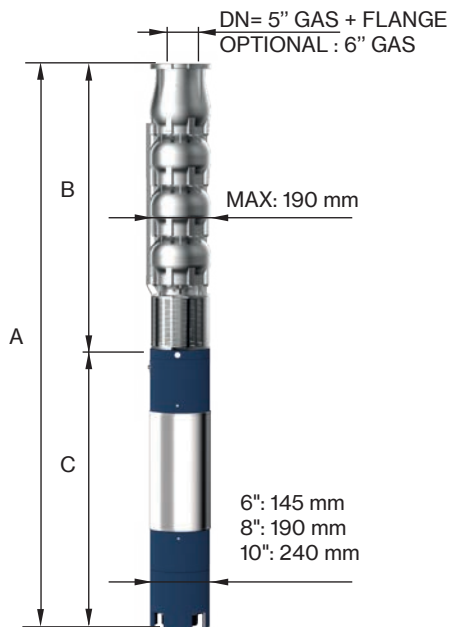
8LM 130



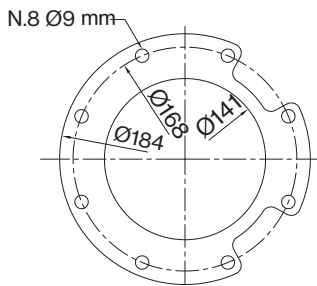
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|----|---------|----------|-----|------|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | I/min | 0 | 600 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3200 | |
| | P2 | | CURRENT | I/sec | 0 | 10,0 | 33,3 | 36,7 | 40,0 | 43,3 | 46,7 | 50,0 | 53,3 |
| | HP | kW | A | m³/h | 0 | 36 | 120 | 132 | 144 | 156 | 168 | 180 | 192 |
| 8LM 160/01 | 15 | 11 | 23,4 | H (m) | 25 | 24 | 19 | 18 | 17 | 17 | 16 | 14 | 12 |
| 8LM 160/02 | 30 | 22 | 45,1 | | 50 | 48 | 38 | 36 | 35 | 33 | 31 | 28 | 24 |
| 8LM 160/03 | 40 | 30 | 61,1 | | 75 | 71 | 56 | 54 | 52 | 50 | 47 | 41 | 36 |
| 8LM 160/04 | 60 | 45 | 86,3 | | 100 | 95 | 75 | 72 | 70 | 66 | 62 | 55 | 48 |
| 8LM 160/05 | 75 | 55 | 106,2 | | 125 | 119 | 94 | 91 | 87 | 83 | 78 | 69 | 60 |
| 8LM 160/06 | 90 | 66 | 126,0 | | 150 | 143 | 113 | 109 | 104 | 100 | 93 | 83 | 72 |
| 8LM 160/07 | 90 | 66 | 126,0 | | 175 | 167 | 132 | 127 | 122 | 116 | 109 | 97 | 84 |
| 8LM 160/08 | 125 | 92 | 175,1 | | 200 | 190 | 150 | 145 | 139 | 133 | 124 | 110 | 96 |

| | |
|--------------|------|
| Max Eff. % | 78,5 |
| Max kW / St. | 9,4 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 4 | 4,5 | 7 | 13 |



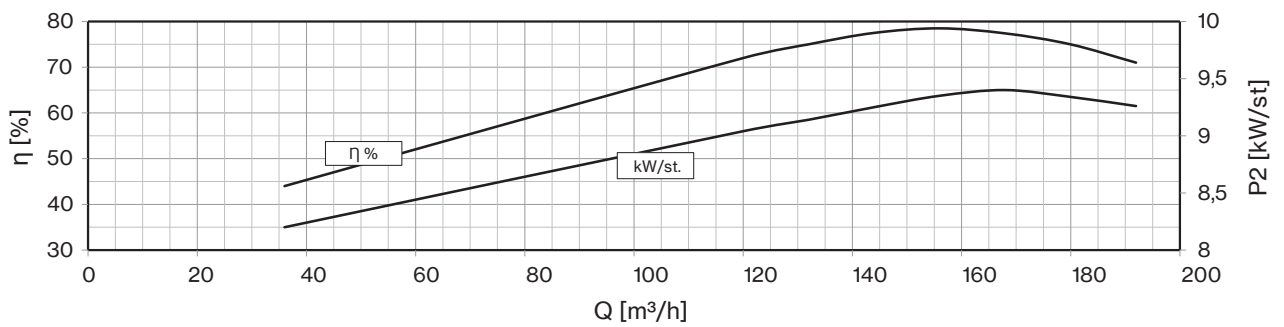
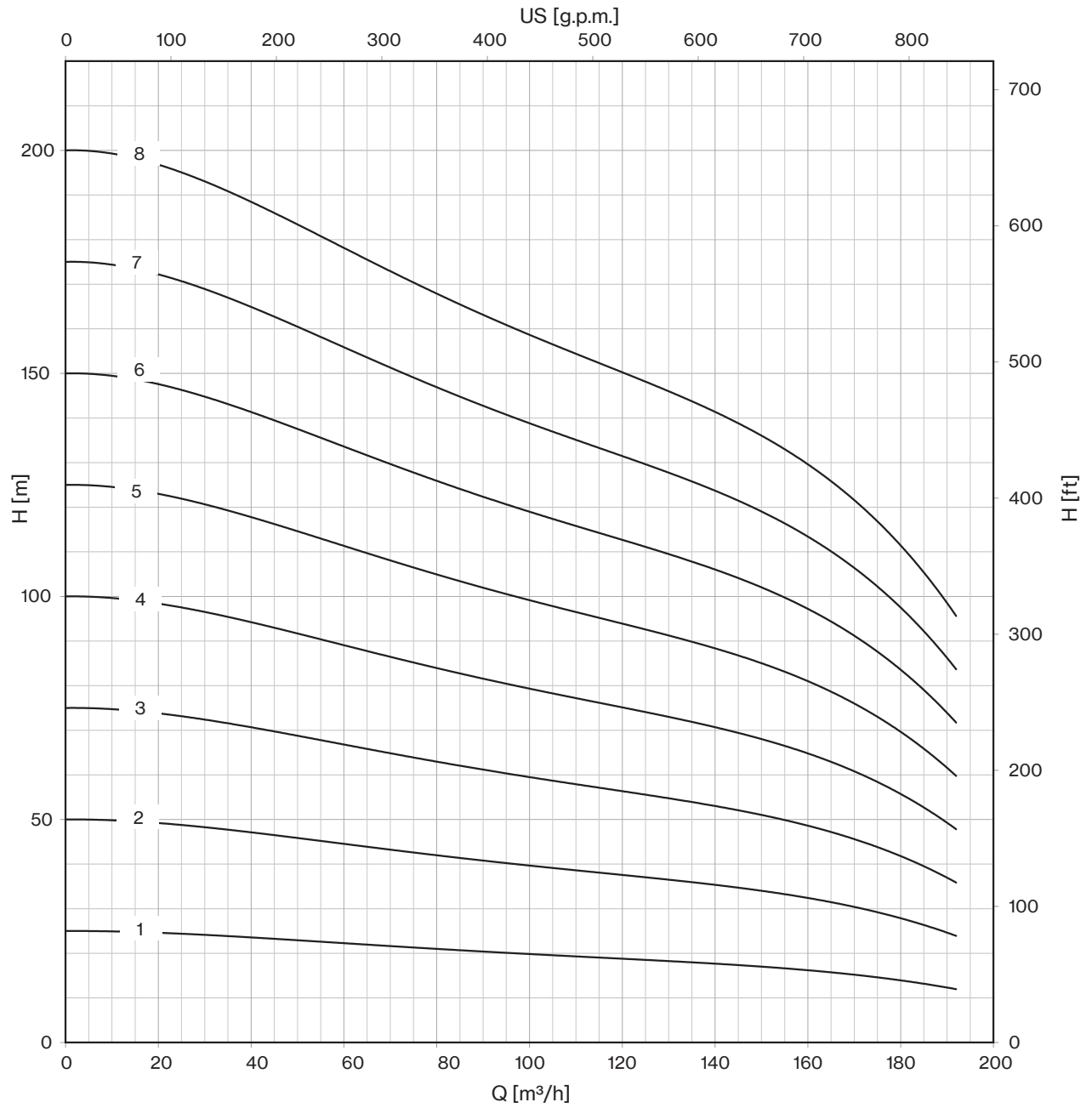
| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|--------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 160/01-6 | 6" NEMA | 1299 | 488 | 811 | 65 | 20 |
| 8LM 160/02-6 | | 1709 | 638 | 1071 | 92 | 27 |
| 8LM 160/03-6 | | 2039 | 788 | 1251 | 108 | 35 |
| 8LM 160/04 | 8" NEMA | 2061 | 938 | 1123 | 178 | 42 |
| 8LM 160/05 | | 2383 | 1150 | 1233 | 200 | 50 |
| 8LM 160/06 | | 2602 | 1300 | 1302 | 214 | 58 |
| 8LM 160/07 | | 2752 | 1450 | 1302 | 214 | 65 |
| 8LM 160/08 | | 3183 | 1600 | 1583 | 270 | 73 |



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm



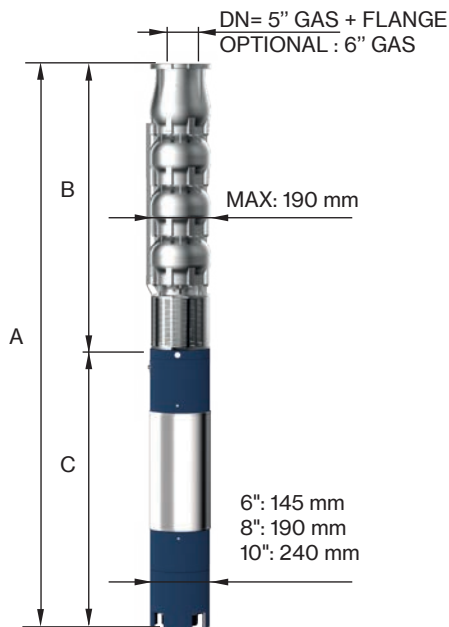
8LM 160



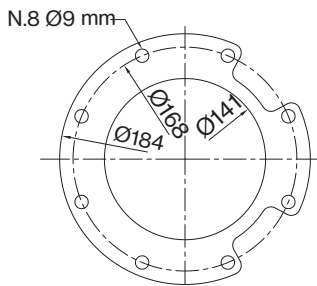
| 50 Hz - 2900 rpm | | | | Q | | | | | | | | | |
|------------------|------------------------|-----|---------|----------|-----|------|------|------|------|------|------|------|------|
| TYPE | SUITABLE MOTOR 3- 400V | | I/min | 0 | 600 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3200 | |
| | P2 | | CURRENT | I/sec | 0 | 10,0 | 33,3 | 36,7 | 40,0 | 43,3 | 46,7 | 50,0 | 53,3 |
| | HP | kW | A | m³/h | 0 | 36 | 120 | 132 | 144 | 156 | 168 | 180 | 192 |
| 8LM 160/09 | 125 | 92 | 175,1 | H (m) | 225 | 214 | 169 | 163 | 157 | 149 | 140 | 124 | 108 |
| 8LM 160/10D | 150 | 110 | 211,0 | | 250 | 238 | 188 | 181 | 174 | 166 | 155 | 138 | 120 |
| 8LM 160/11D | 150 | 110 | 211,0 | | 275 | 262 | 207 | 199 | 191 | 183 | 171 | 152 | 132 |
| 8LM 160/12D | 175 | 130 | 245,3 | | 300 | 286 | 226 | 217 | 209 | 199 | 186 | 166 | 144 |
| 8LM 160/13D | 175 | 130 | 245,3 | | 325 | 309 | 244 | 235 | 226 | 216 | 202 | 179 | 156 |
| 8LM 160/14D | 200 | 150 | 277,2 | | 350 | 333 | 263 | 253 | 244 | 232 | 217 | 193 | 168 |
| 8LM 160/15D | 200 | 150 | 277,2 | | 375 | 357 | 282 | 272 | 261 | 249 | 233 | 207 | 180 |
| 8LM 160/16D | 225 | 165 | 313,3 | | 400 | 381 | 301 | 290 | 278 | 266 | 248 | 221 | 192 |
| 8LM 160/17D | 225 | 165 | 313,3 | | 425 | 405 | 320 | 308 | 296 | 282 | 264 | 235 | 204 |
| 8LM 160/18D | 250 | 185 | 342,2 | | 450 | 428 | 338 | 326 | 313 | 299 | 279 | 248 | 216 |

| | |
|--------------|------|
| Max Eff. % | 78,5 |
| Max kW / St. | 9,4 |

| NPSH (m) | Q=25% | Q=50% | Q=75% | Q=100% |
|----------|-------|-------|-------|--------|
| | 4 | 4,5 | 7 | 13 |



| TYPE | MOTOR BRACKET | DIMENSIONS (mm) | | | WEIGHT (kg) | |
|----------------|---------------|-----------------|------|------|-------------|------|
| | | A | B | C | MOTOR | PUMP |
| 8LM 160/09 | 8" NEMA | 3333 | 1750 | 1583 | 270 | 80 |
| 8LM 160/10D | | 3633 | 1900 | 1733 | 300 | 88 |
| 8LM 160/11D | | 3783 | 2050 | 1733 | 300 | 95 |
| 8LM 160/12D-10 | 10" | 3834 | 2200 | 1634 | 385 | 103 |
| 8LM 160/13D-10 | | 3984 | 2350 | 1634 | 385 | 114 |
| 8LM 160/14D-10 | | 4234 | 2500 | 1734 | 415 | 121 |
| 8LM 160/15D-10 | | 4384 | 2650 | 1734 | 415 | 129 |
| 8LM 160/16D-10 | | 4654 | 2800 | 1854 | 444 | 136 |
| 8LM 160/17D-10 | | 4804 | 2950 | 1854 | 444 | 144 |
| 8LM 160/18D-10 | 5084 | 3100 | 1984 | 480 | 151 | |

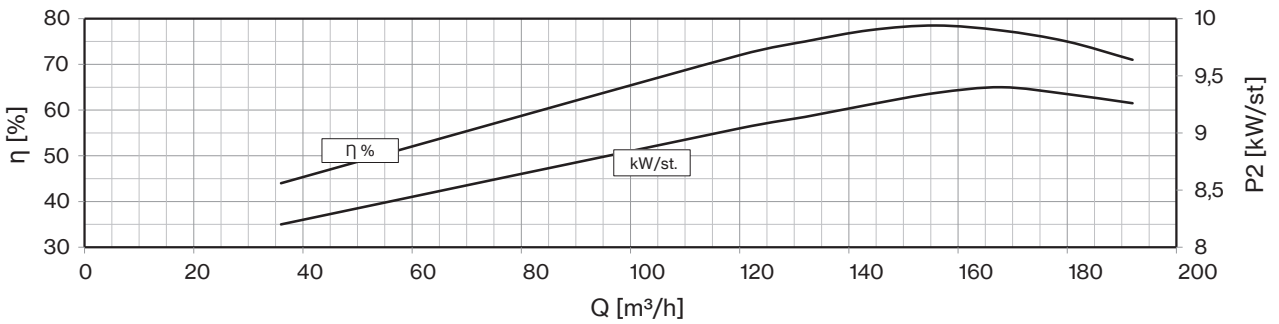
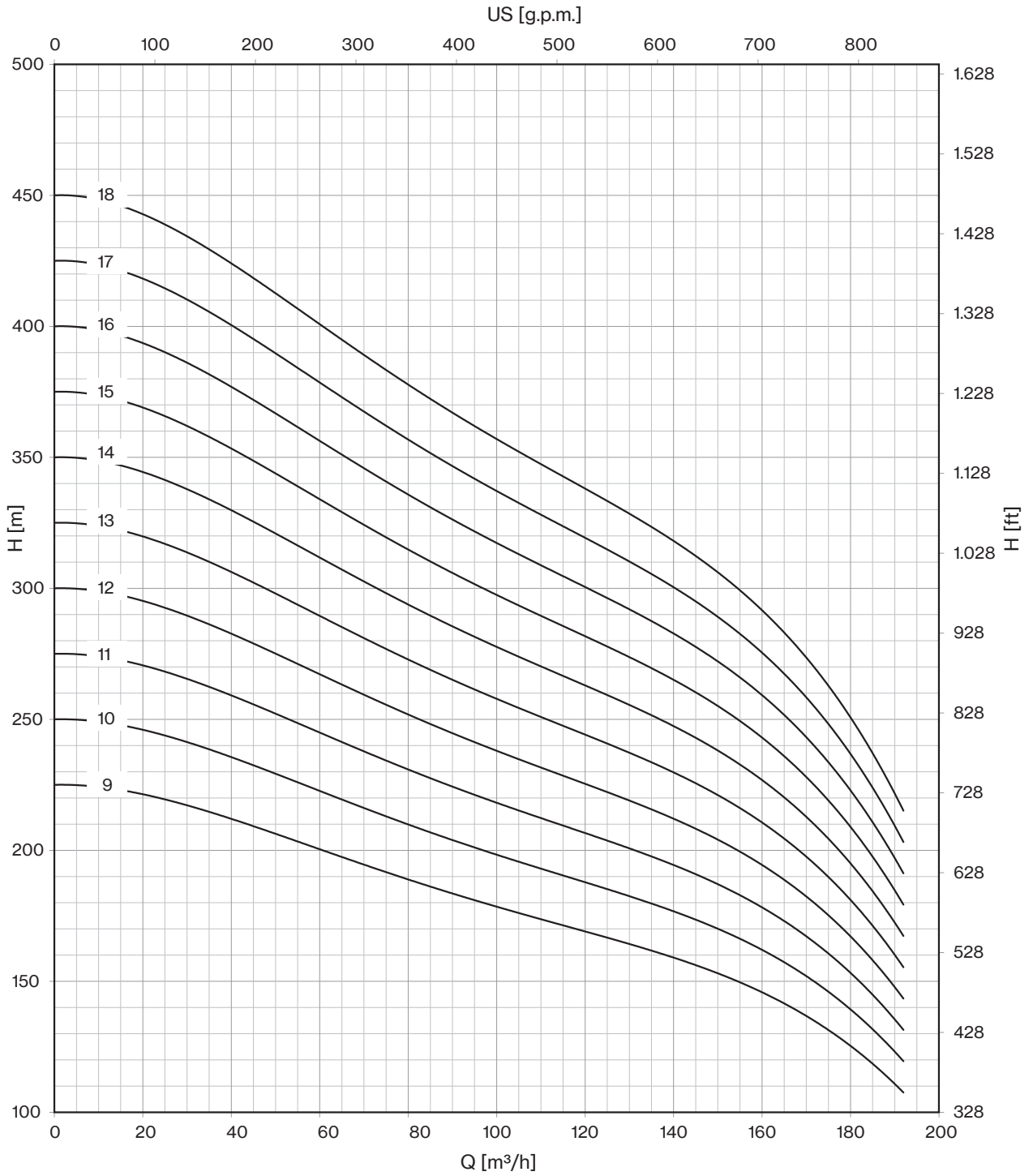


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

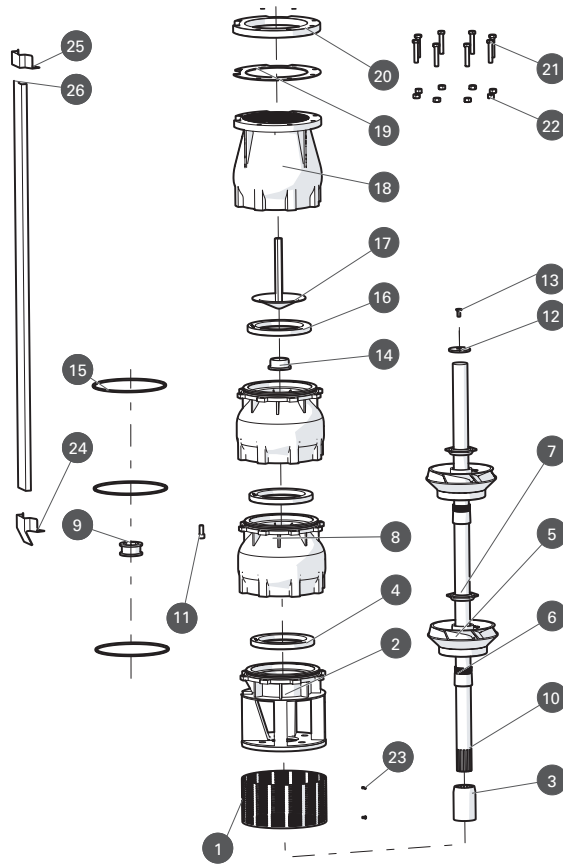
"D" Pump shaft in Duplex EN 1.4462



8LM 160



6LM-8LM



| N. CODE | DESCRIPTION | LMS EXECUTION | LMX EXECUTION | LMD EXECUTION | (*) Q.TY |
|---------|---------------------------------------|-----------------|-----------------|------------------|--------------|
| 1 | SUCTION STRAINER | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 2 | MOTOR BRACKET | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 3 | COUPLING | AISI 304 | AISI 316 | Duplex EN 1.4462 | 1 |
| 4 | WEAR RING | NBR | NBR | NBR | N° of Stages |
| 5 | IMPELLER | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 6 | CONE | AISI 304 | AISI 316 | Duplex EN 1.4462 | N° of Stages |
| 7 | HEXAGONAL RING | AISI 304 | AISI 316 | Duplex EN 1.4462 | N° of Stages |
| 8 | DIFFUSEUR | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 9 | BEARING BUSH | NBR | NBR | NBR | N° of Stages |
| 10 | PUMP SHAFT | AISI 304 | AISI 316 | Duplex EN 1.4462 | 1 |
| 11 | N.8 SCREW FOR DIFFUSEUR | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 12 | RING | AISI 304 | AISI 316 | Duplex EN 1.4462 | 1 |
| 13 | SCREW FOR DISK | AISI 304 | AISI 316 | Duplex EN 1.4462 | 1 |
| 14 | COUNTERTHRUST | PTFE+25% CARBON | PTFE+25% CARBON | PTFE+25% CARBON | 1 |
| 15 | O-RING | NBR | NBR | NBR | N° of Stages |
| 16 | GASKET VALVE | NBR | NBR | NBR | 1 |
| 17 | CAP VALVE | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 18 | BODY VALVE | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 19 | SEAL COUNTERFLANGE | NBR | NBR | NBR | 1 |
| 20 | COUNTERFLANGE | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 21 | N.8 SCREW FOR COUNTERFLANGE | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 22 | N.8 NUT FOR COUNTERFLANGE | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 23 | N.2 SCREW FOR SUCTION STRAINER | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 24 | LOWER CLAMP | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 25 | UPPER CLAMP | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |
| 26 | COVER CABLE | AISI 304 | AISI 316 | Duplex EN 1.4462 | - |

* Recommended spare parts quantity

