



SD/SK/SP Pump

Submersible Well Pump Catalog



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SHANGHAI PUMPINGTECH INTERNATIONAL CO.,LTD



SHANGHAI PUMPING TECH INTERNATIONAL CO.,LTD

CONTENTS

3SD.....4

4SD.....6

4SK.....13

4SP.....31

6SP.....41

8SP.....45

10SP.....47



Introduction

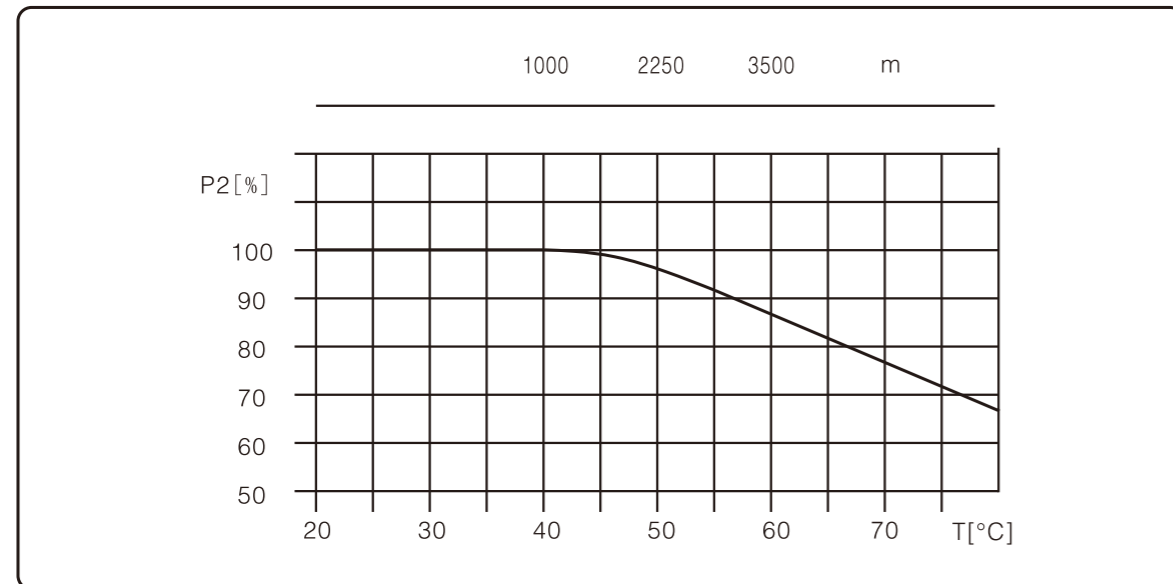
The motor and pump body of SD, SK, SP submersible electrical pump series are tightly coupled through the designed casing pipe shaft, and a suction filter is installed between the pump and the motor to effectively isolate the impurities in the liquid. The whole component is submerged in the liquid with the pump, which can prevent the cavitation of the pump. The centrifugal force generated by the motor rotating the impeller of the pump drives the fluid to push from the underground to the surface. pump mainly consists of ground components and underground components. The ground components include control cabinet, cable, transformer, etc., and the underground components include pipelines, pumps and other attached ground components, which extend to the bottom of the well through the transmission pipeline. The motor part of submersible electrical pump is usually installed under the hydraulic press. Three different materials are provided for selection according to different working conditions.

Pump material

SD series-All pump flow components are high quality plastic material and Oil-filled motor. Size: 3" 4"
 SK series-Pump impeller is high quality plastic material and diffuser is stainless steel and PC material. Size: 4"
 SP series-All pump flow components are stainless steel 304 and SS316 could be customized. Size: 4" 6" 8" 10"

Ambient temperature

If the ambient temperature exceeds the 40 °C or the pump is installed at an altitude exceeding 1000 m, the motor output power P2 will decrease. In such cases, it necessary to use a motor with a higher rated output.



Pump operating conditions

Pumping liquids which are thin, clean, non-flammable, non-combustible or non-explosive liquids, not containing solid particles or fibers. ☒
 Maximum ambient temperature: +40 °C
 Maximum altitude above sea level: 1000 m
 Maximum depth: 70m

Motor

Enclosure class: IP68
 Insulation class: F
 Voltage: 3x220-240/380-415V
 1x220-240V
 available with single-phase motors(0.37kW-2.2kW)

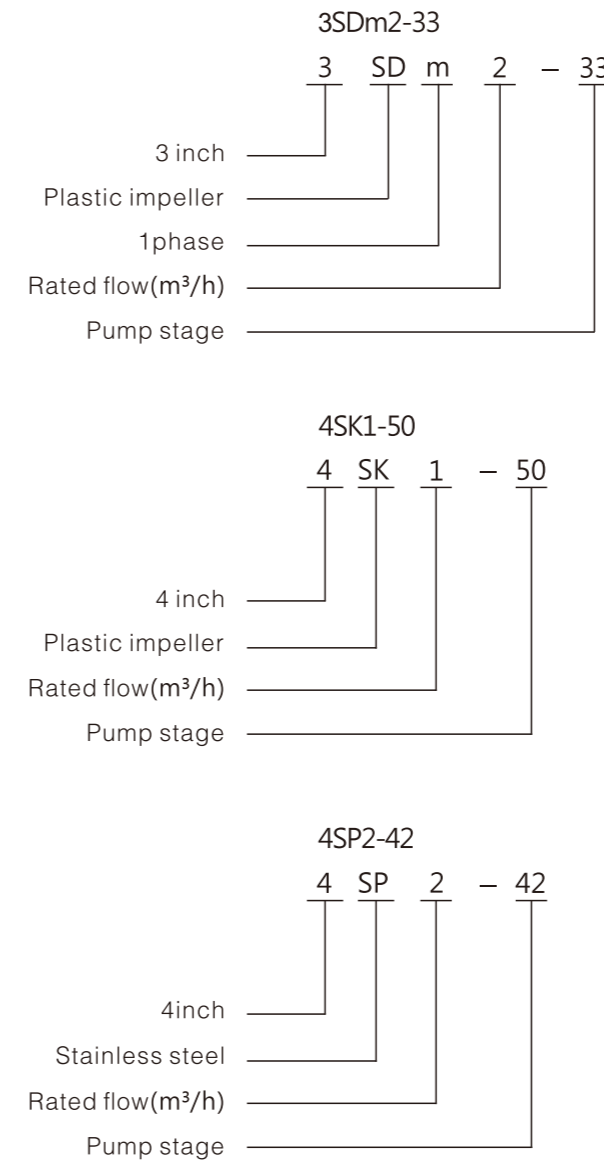
Liquid temperature °C

Normal temperature pump: -15°C to +70°C
 Hot temperature pump: -15°C to +105°C

Performance curves

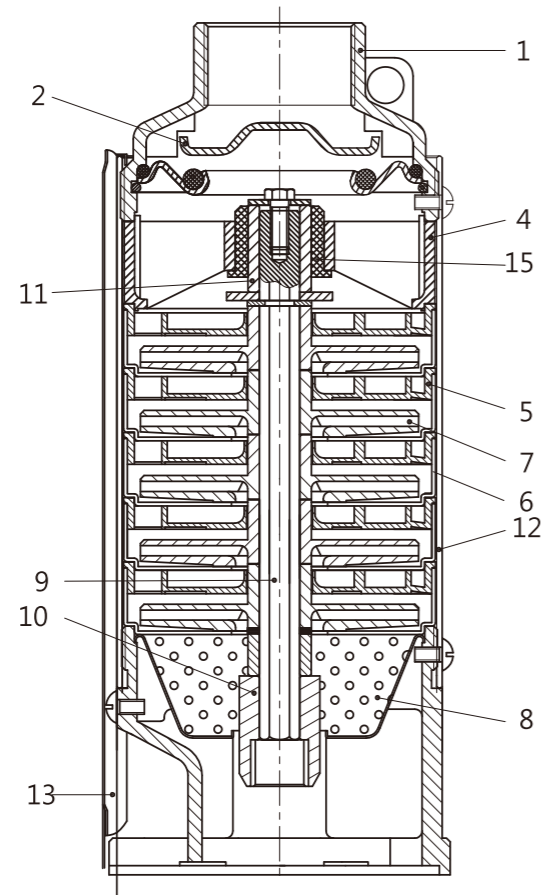
The motors used for the measurements are based on 2900rpm or 2950 rom
 Tolerances to ISO 9906
 Measurements have been made with airless water at a temperature of 20 °C ☒
 The curves apply to the following kinematic viscosity: = 1 mm²/s
 Select a best efficiency of the pump which is operating within the bold curve of the pump performance.

Model specification



Applications

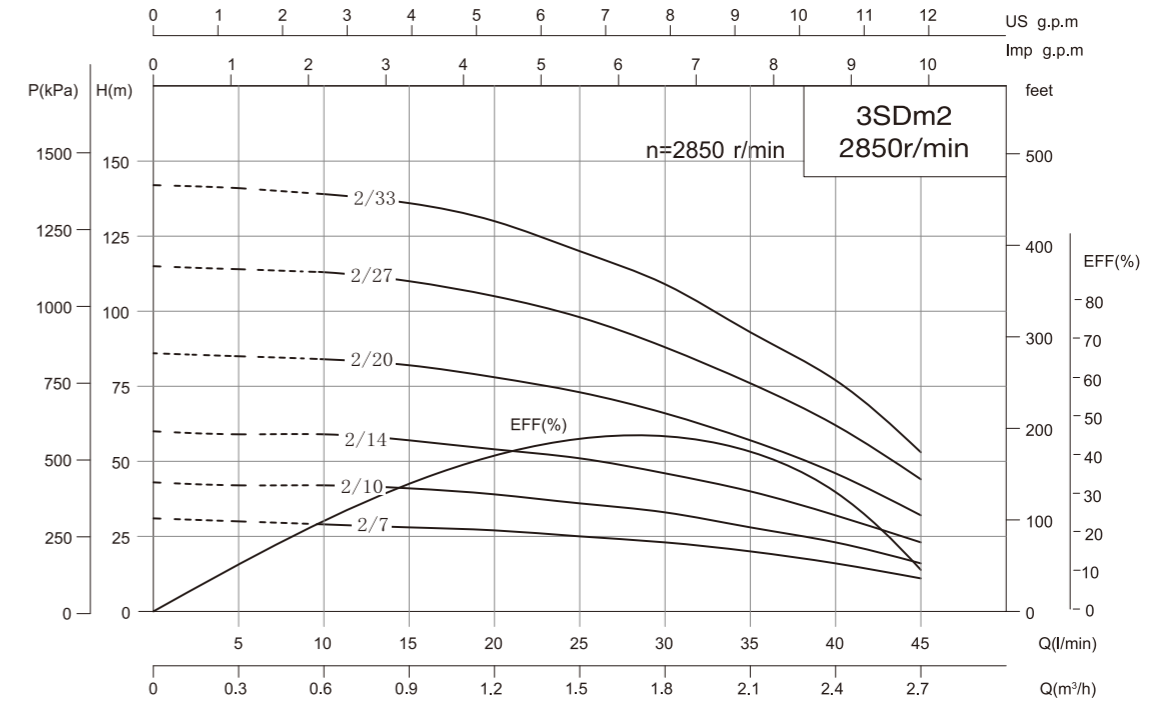
- Groundwater pumping
- Residential water
 - Wells pumping
 - Municipal water
 - Industrial water
 - Water villa
 - Water supply system
 - Municipal water supply
 - The system pressure
 - Pipeline pressurization
 - Spray irrigation system
 - The air conditioning system
 - Fire protection system
 - Cooling circulation system



SD series material

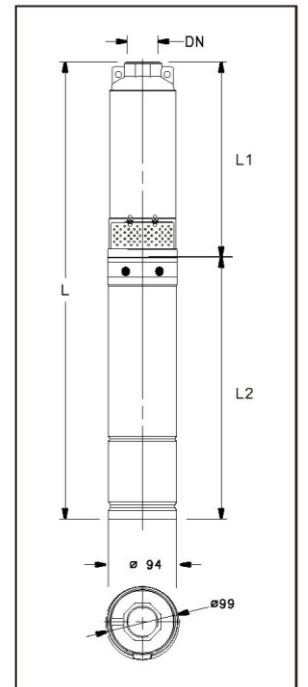
| No. | Component | Material |
|-----|-------------------|------------------------------|
| 1 | Discharge chamber | Brass/Cating/Stainless steel |
| 2 | Check valve | PC |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Guide vanes | PC |
| 7 | Impeller | POM |
| 8 | Strainer | Stainless steel |
| 9 | Pumpshaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 15 | Bearing | Polyurethane |

Performance curve (50Hz)



Performance data (50Hz)

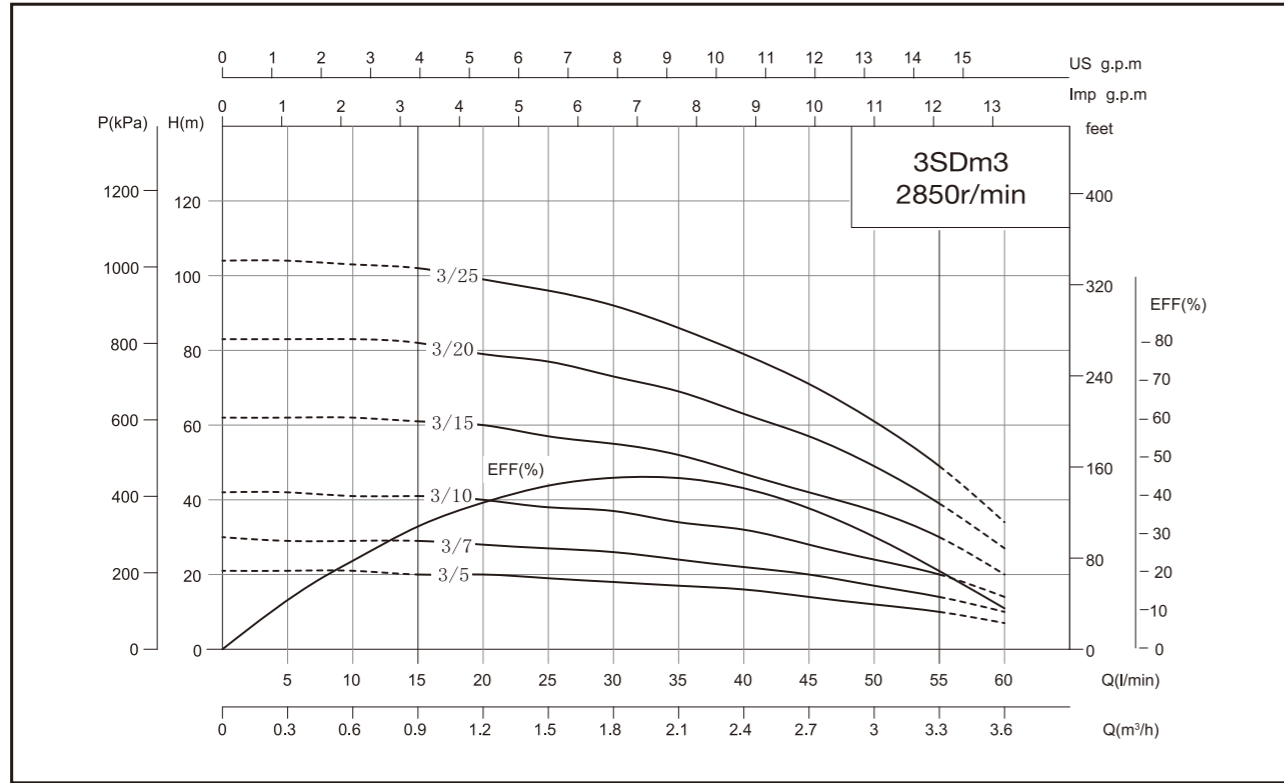
| Model | Power | | Outlet (inch) | Flow range | | | | | | | | | | | |
|-----------|-------|------|---------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | kW | Hp | | m³/h | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | |
| 1phase | | | | l/min | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | |
| 3SDm 2/7 | 0.18 | 0.25 | 1 | H(m) | 30 | 30 | 29 | 29 | 27 | 25 | 23 | 20 | 16 | 11 | |
| 3SDm 2/10 | 0.25 | 0.33 | | | 43 | 42 | 42 | 41 | 39 | 36 | 33 | 28 | 23 | 16 | |
| 3SDm 2/14 | 0.37 | 0.5 | | | 60 | 59 | 59 | 57 | 54 | 51 | 46 | 40 | 32 | 23 | |
| 3SDm 2/20 | 0.55 | 0.75 | | | 86 | 85 | 84 | 82 | 78 | 73 | 66 | 57 | 46 | 32 | |
| 3SDm 2/27 | 0.75 | 1 | | | 115 | 114 | 113 | 110 | 105 | 98 | 88 | 76 | 62 | 44 | |
| 3SDm 2/33 | 1.1 | 1.5 | | | 142 | 141 | 139 | 136 | 130 | 120 | 109 | 93 | 77 | 53 | |



Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|-----------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 3SDm 2/7 | 0.18 | 0.25 | 1" | 336 | 291 | 627 | 1.5 | 5 | 6.5 |
| 3SDm 2/10 | 0.25 | 0.33 | | 402 | 316 | 718 | 2 | 6 | 8 |
| 3SDm 2/14 | 0.37 | 0.5 | | 522 | 346 | 868 | 2.5 | 7 | 9.5 |
| 3SDm 2/20 | 0.55 | 0.75 | | 656 | 386 | 1042 | 3.5 | 8 | 11.5 |
| 3SDm 2/27 | 0.75 | 1 | | 842 | 416 | 1258 | 4.2 | 9.5 | 13.7 |
| 3SDm 2/33 | 1.1 | 1.5 | | 1006 | 496 | 1502 | 6 | 12 | 18 |

Performance curve (50Hz)

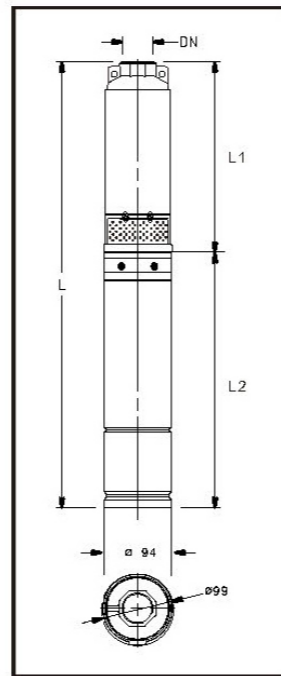


Performance data (50Hz)

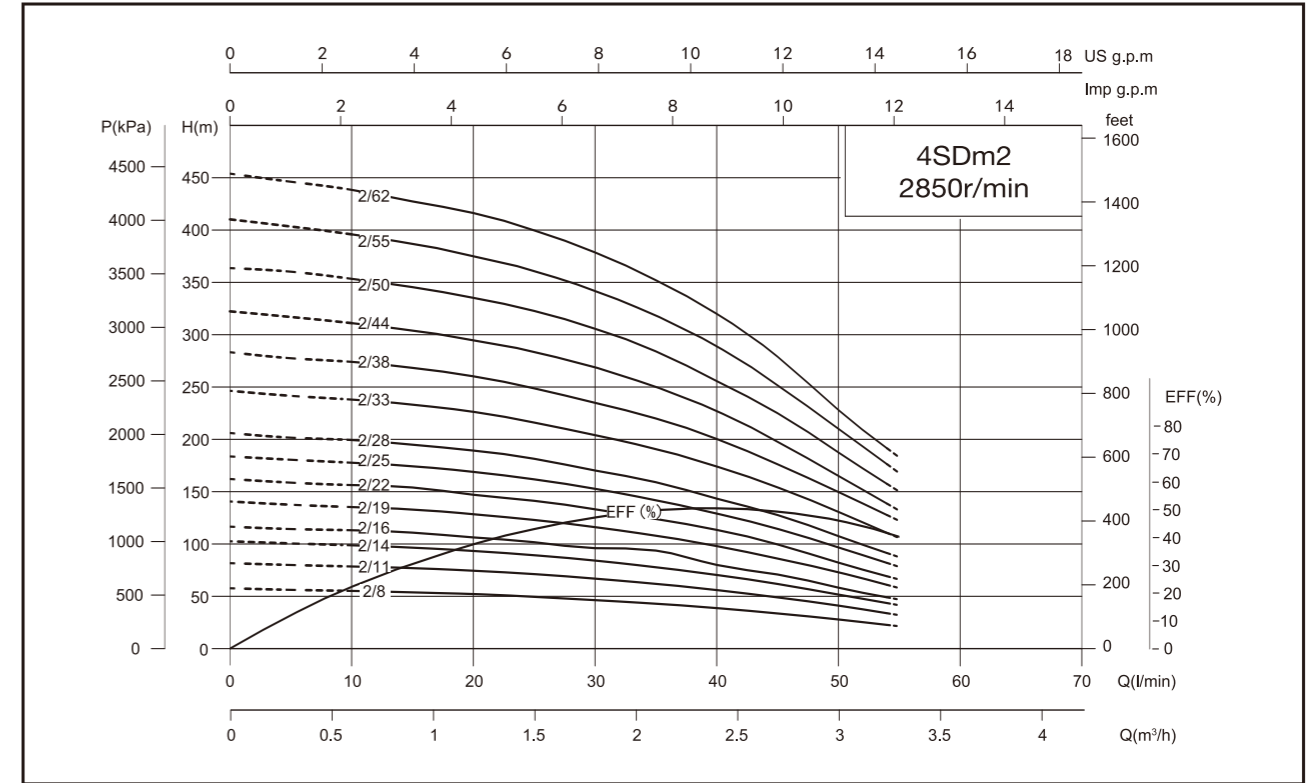
| Model | Power | | Outlet (inch) | Flow range | | | | | | | | | | | | | |
|-------------|-------|------|---------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|
| | kW | Hp | | m³/h | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3 | 3.3 | 3.6 |
| 1phase 220V | | | | l/min | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 3SDm 3/5 | 0.18 | 0.25 | 1 | H(m) | 21 | 21 | 21 | 20 | 20 | 19 | 18 | 17 | 16 | 14 | 12 | 10 | 7 |
| 3SDm 3/7 | 0.25 | 0.33 | | | 30 | 29 | 29 | 28 | 27 | 26 | 24 | 22 | 10 | 17 | 14 | 10 | |
| 3SDm 3/10 | 0.37 | 0.5 | | | 41 | 42 | 41 | 41 | 40 | 38 | 37 | 34 | 32 | 28 | 24 | 20 | 14 |
| 3SDm 3/15 | 0.55 | 0.75 | | | 62 | 62 | 62 | 61 | 60 | 57 | 55 | 52 | 47 | 42 | 37 | 30 | 20 |
| 3SDm 3/20 | 0.75 | 1 | | | 83 | 83 | 83 | 82 | 79 | 77 | 73 | 69 | 63 | 57 | 49 | 39 | 27 |
| 3SDm 3/25 | 1.1 | 1.5 | | | 104 | 104 | 103 | 102 | 99 | 96 | 92 | 86 | 79 | 71 | 61 | 49 | 34 |

Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|-----------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 3SDm 3/5 | 0.18 | 0.25 | 1" | 307 | 291 | 598 | 1.2 | 5 | 6.5 |
| 3SDm 3/7 | 0.25 | 0.33 | | 356 | 316 | 672 | 1.5 | 6 | 7.5 |
| 3SDm 3/10 | 0.37 | 0.5 | | 431 | 346 | 777 | 2 | 7 | 9 |
| 3SDm 3/15 | 0.55 | 0.75 | | 586 | 386 | 972 | 2.5 | 8 | 10.5 |
| 3SDm 3/20 | 0.75 | 1 | | 711 | 416 | 1127 | 3.5 | 9.5 | 13 |
| 3SDm 3/25 | 1.1 | 1.5 | | 866 | 496 | 1362 | 4 | 12 | 16 |



Performance curve (50Hz)

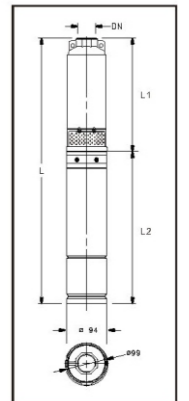


Performance data (50Hz)

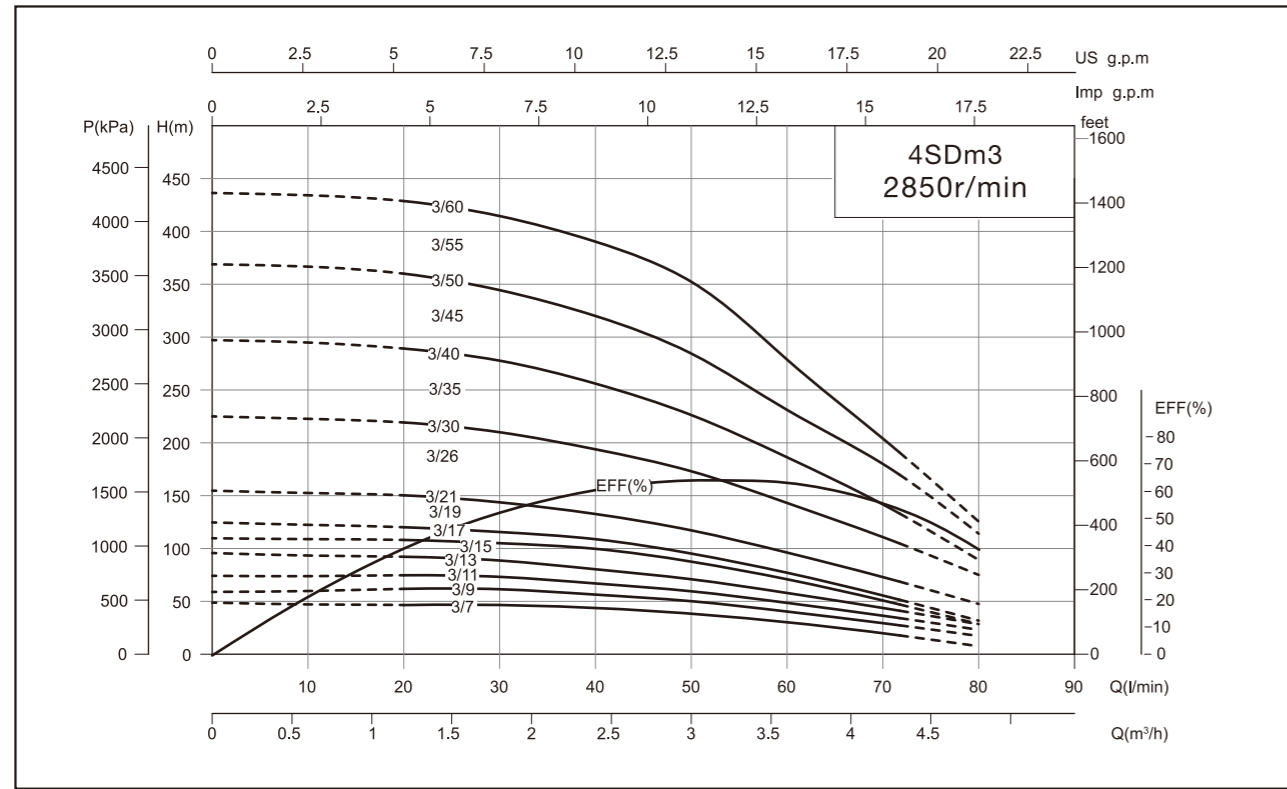
| Model | Power | | Flow range | | | | | | | | | | | | | Head range (m) | Outlet (inch) | |
|----------|-------------|-------------|------------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|---------------|---------|
| | 1phase 220V | 3phase 380V | kW | Hp | m³/h | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | | | 3 |
| 4SDm2/8 | - | - | 0.37 | 0.5 | l/min | 58 | 56 | 55 | 54 | 52 | 50 | 46 | 43 | 40 | 34 | 27 | 21 | 55-22 |
| 4SDm2/11 | - | - | 0.55 | 0.75 | | 82 | 80 | 79 | 77 | 74 | 71 | 67 | 62 | 56 | 49 | 41 | 32 | 77-34 |
| 4SDm2/14 | 4SD2/14 | | 0.75 | 1 | | 102 | 100 | 99 | 97 | 93 | 89 | 84 | 82 | 70 | 62 | 51 | 41 | 99-43 |
| 4SDm2/16 | 4SD2/16 | | 0.75 | 1 | | 117 | 114 | 113 | 111 | 106 | 102 | 96 | 94 | 80 | 71 | 58 | 47 | 113-49 |
| 4SDm2/19 | 4SD2/19 | | 1.1 | 1.5 | | 140 | 137 | 135 | 133 | 127 | 122 | 115 | 107 | 98 | 86 | 71 | 57 | 135-60 |
| 4SDm2/22 | 4SD2/22 | | 1.1 | 1.5 | | 162 | 159 | 156 | 154 | 147 | 141 | 133 | 124 | 113 | 100 | 82 | 66 | 156-69 |
| 4SDm2/25 | 4SD2/25 | | 1.5 | 2 | | 184 | 180 | 178 | 174 | 169 | 162 | 152 | 142 | 128 | 114 | 96 | 78 | 178-81 |
| 4SDm2/28 | 4SD2/28 | | 1.5 | 2 | | 206 | 202 | 199 | 195 | 189 | 181 | 170 | 159 | 143 | 128 | 108 | 87 | 199-91 |
| 4SDm2/33 | 4SD2/33 | | 2.2 | 3 | | 246 | 241 | 238 | 233 | 226 | 216 | 204 | 191 | 174 | 153 | 130 | 106 | 238-110 |
| 4SDm2/38 | 4SD2/38 | | 2.2 | 3 | | 283 | 278 | 274 | 268 | 260 | 249 | 235 | 220 | 200 | 176 | 150 | 122 | 274-127 |
| - | 4SD2/44 | | 3 | 4 | | 320 | 317 | 311 | 304 | 295 | 284 | 269 | 250 | 225 | 198 | 165 | 132 | 311-137 |
| - | 4SD2/50 | | 3 | 4 | | 364 | 360 | 353 | 345 | 335 | 323 | 306 | 284 | 256 | 225 | 188 | 150 | 353-156 |
| - | 4SD2/55 | | 4 | 5.5 | | 410 | 403 | 396 | 386 | 370 | 361 | 342 | 318 | 289 | 232 | 206 | 165 | 396-175 |
| - | 4SD2/62 | | 4 | 5.5 | | 454 | 446 | 438 | 427 | 416 | 400 | 379 | 352 | 320 | 279 | 228 | 183 | 438-190 |

Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SD2/8 | 0.37 | 0.5 | 1.25" | 402 | 324 | 726 | 3 | 9 | 12 |
| 4SD2/11 | 0.55 | 0.75 | | 478 | 344 | 822 | 32 | 9.8 | 13 |
| 4SD2/14 | 0.75 | 1 | | 554 | 369 | 923 | 3.6 | 11 | 14.6 |
| 4SD2/16 | 0.75 | 1 | | 605 | 369 | 974 | 4 | 11 | 15 |
| 4SD2/19 | 1.1 | 1.5 | | 712 | 404 | 1116 | 46 | 13 | 17.6 |
| 4SD2/22 | 1.1 | 1.5 | | 819 | 404 | 1223 | 5.2 | 13 | 18.2 |
| 4SD2/25 | 1.5 | 2 | | 895 | 449 | 1344 | 5.8 | 15 | 20.8 |
| 4SD2/28 | 1.5 | 2 | | 971 | 449 | 1420 | 6.4 | 15 | 21.4 |
| 4SD2/33 | 2.2 | 3 | | 1128 | 539 | 1667 | 7.4 | 17 | 24.4 |
| 4SD2/38 | 2.2 | 3 | | 1255 | 539 | 1794 | 86 | 17 | 25.6 |
| 4SD2/44 | 3 | 4 | | 1470 | 557 | 2027 | 9.8 | 17.6 | 27.4 |
| 4SD2/50 | 3 | 4 | | 1621 | 557 | 2178 | 11 | 17.6 | 28.6 |
| 4SD2/55 | 4 | 5.5 | | 1780 | 637 | 2417 | 12.2 | 20.7 | 32.9 |
| 4SD2/62 | 4 | 5.5 | | 1988 | 637 | 2625 | 14 | 20.7 | 34.7 |



Performance curve (50Hz)

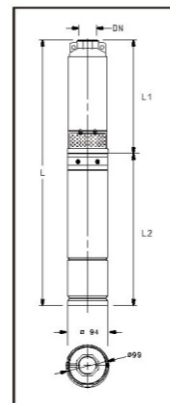


Performance date (50Hz)

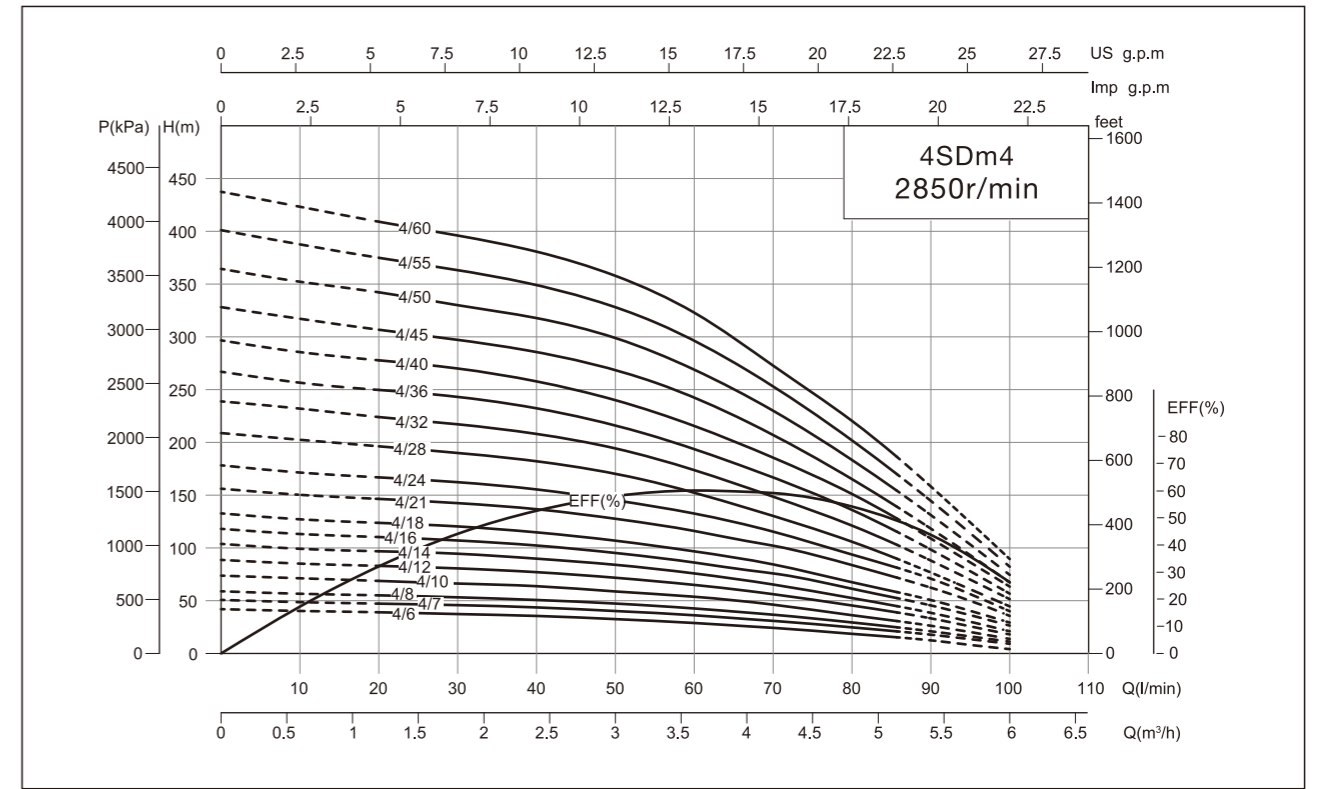
| Model | | Power | | Flow range | | | | | | | | | Head range (m) | Outlet (inch) | |
|----------|---------|-------|------|------------|-----|-------|-----|-----|-----|-----|-----|-----|----------------|---------------|-------|
| 1phase | 3phase | kW | Hp | m³/h | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3 | 3.6 | 4.2 | | | 4.8 |
| 220V | 380V | | | | | l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| 4SDm3/7 | - | 0.37 | 0.5 | | 49 | 48 | 47 | 44 | 40 | 35 | 28 | 23 | 12 | 47-25 | 1.25" |
| 4SDm3/9 | - | 0.55 | 0.75 | | 65 | 64 | 63 | 60 | 55 | 48 | 40 | 30 | 19 | 63-35 | |
| 4SDm3/11 | 4SD3/11 | 0.75 | 1 | | 81 | 79 | 78 | 75 | 68 | 60 | 49 | 37 | 24 | 78-43 | |
| 4SDm3/13 | 4SD3/13 | 0.75 | 1 | | 96 | 93 | 92 | 89 | 80 | 71 | 58 | 44 | 28 | 92-51 | |
| 4SDm3/15 | 4SD3/15 | 1.1 | 1.5 | | 110 | 108 | 106 | 102 | 96 | 84 | 68 | 49 | 28 | 106-59 | |
| 4SDm3/17 | 4SD3/17 | 1.1 | 1.5 | | 125 | 122 | 120 | 116 | 109 | 95 | 77 | 56 | 32 | 120-67 | |
| 4SDm3/19 | 4SD3/19 | 1.5 | 2 | | 140 | 138 | 136 | 130 | 120 | 106 | 87 | 66 | 43 | 136-77 | |
| 4SDm3/21 | 4SD3/21 | 1.5 | 2 | | 155 | 153 | 150 | 144 | 133 | 117 | 96 | 73 | 48 | 150-85 | |
| 4SDm3/26 | 4SD3/26 | 2.2 | 3 | | 195 | 193 | 190 | 182 | 168 | 150 | 124 | 96 | 65 | 190-111 | |
| 4SDm3/30 | 4SD3/30 | 2.2 | 3 | | 225 | 223 | 219 | 210 | 194 | 173 | 143 | 111 | 75 | 219-127 | |
| - | 4SD3/35 | 3 | 4 | | 260 | 258 | 253 | 243 | 224 | 198 | 163 | 124 | 78 | 253-144 | |
| - | 4SD3/40 | 3 | 4 | | 297 | 295 | 289 | 278 | 256 | 226 | 186 | 142 | 89 | 289-165 | |
| - | 4SD3/45 | 4 | 5.5 | | 332 | 330 | 324 | 310 | 288 | 256 | 208 | 162 | 107 | 324-185 | |
| - | 4SD3/50 | 4 | 5.5 | | 369 | 367 | 360 | 344 | 320 | 284 | 231 | 180 | 114 | 360-206 | |
| - | 4SD3/55 | 5.5 | 7.5 | | 400 | 398 | 393 | 380 | 355 | 323 | 250 | 187 | 115 | 393-219 | |
| - | 4SD3/60 | 7.5 | 10 | | 436 | 434 | 429 | 415 | 387 | 352 | 273 | 204 | 125 | 429-241 | |

Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SD3/7 | 0.37 | 0.5 | 1.25" | 386 | 324 | 710 | 3.2 | 9 | 12.2 |
| 4SD3/9 | 0.55 | 0.75 | | 440 | 344 | 784 | 3.6 | 9.8 | 13.4 |
| 4SD3/11 | 0.75 | 1 | | 492 | 369 | 861 | 4.1 | 11 | 15.1 |
| 4SD3/13 | 0.75 | 1 | | 546 | 369 | 915 | 4.5 | 11 | 15.5 |
| 4SD3/15 | 1.1 | 1.5 | | 631 | 404 | 1035 | 4.9 | 13 | 17.9 |
| 4SD3/17 | 1.1 | 1.5 | | 684 | 404 | 1088 | 5.3 | 13 | 18.3 |
| 4SD3/19 | 1.5 | 2 | | 738 | 449 | 1187 | 6 | 15 | 21 |
| 4SD3/21 | 1.5 | 2 | | 823 | 449 | 1272 | 6.5 | 15 | 21.5 |
| 4SD3/26 | 2.2 | 3 | | 956 | 539 | 1495 | 7.8 | 17 | 24.8 |
| 4SD3/30 | 2.2 | 3 | | 1063 | 539 | 1602 | 8.6 | 17 | 25.6 |
| 4SD3/35 | 3 | 4 | | 1228 | 557 | 1785 | 9.8 | 17.6 | 27.4 |
| 4SD3/40 | 3 | 4 | | 1362 | 557 | 1919 | 11 | 17.6 | 28.6 |
| 4SD3/45 | 4 | 5.5 | | 1527 | 637 | 2164 | 12.3 | 20.7 | 33 |
| 4SD3/50 | 4 | 5.5 | | 1660 | 637 | 2297 | 13.5 | 20.7 | 34.2 |
| 4SD3/55 | 5.5 | 7.5 | | 1825 | 712 | 2537 | 14.7 | 25.7 | 40.4 |
| 4SD3/60 | 7.5 | 10 | | 1958 | 847 | 2805 | 16 | 32.3 | 48.3 |



Performance curve (50Hz)

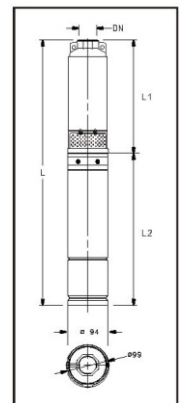


Performance date (50Hz)

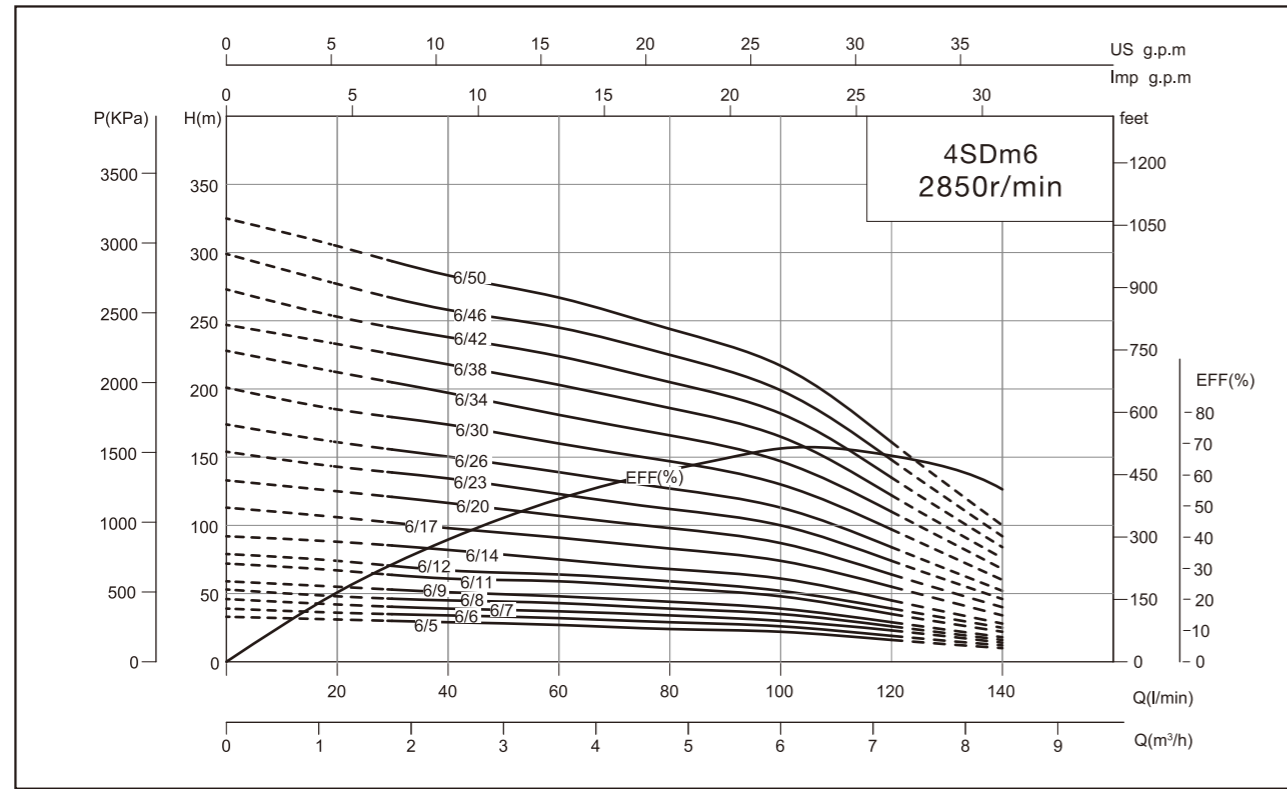
| Model | | Power | | Flow range | | | | | | | | | | | Head range (m) | Outlet (inch) | |
|----------|---------|-------|------|------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|---------------|-------|
| 1phase | 3phase | kW | Hp | m³/h | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3 | 3.6 | 4.2 | 4.8 | 5.4 | | | 6 |
| 220V | 380V | | | | | l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 4SDm4/6 | - | 0.37 | 0.5 | | 42 | 40 | 39 | 37 | 35 | 32 | 29 | 24 | 19 | 12 | 4 | 39-15 | 1.25" |
| 4SDm4/7 | - | 0.55 | 0.75 | | 50 | 48 | 47 | 46 | 44 | 40 | 36 | 31 | 25 | 18 | 9 | 47-20 | |
| 4SDm4/8 | 4SD4/8 | 0.75 | 1 | | 59 | 57 | 55 | 53 | 51 | 47 | 43 | 37 | 29 | 21 | 11 | 55-24 | |
| 4SDm4/10 | 4SD4/10 | 0.75 | 1 | | 74 | 71 | 69 | 66 | 64 | 59 | 54 | 46 | 36 | 26 | 14 | 69-30 | |
| 4SDm4/12 | 4SD4/12 | 1.1 | 1.5 | | 89 | 85 | 83 | 81 | 77 | 72 | 65 | 56 | 45 | 33 | 18 | 83-38 | |
| 4SDm4/14 | 4SD4/14 | 1.1 | 1.5 | | 104 | 99 | 97 | 95 | 90 | 84 | 76 | 65 | 53 | 39 | 21 | 97-43 | |
| 4SDm4/16 | 4SD4/16 | 1.5 | 2 | | 118 | 113 | 110 | 107 | 102 | 95 | 86 | 75 | 60 | 45 | 26 | 110-51 | |
| 4SDm4/18 | 4SD4/18 | 1.5 | 2 | | 133 | 127 | 124 | 120 | 115 | 107 | 97 | 84 | 68 | 51 | 29 | 124-57 | |
| 4SDm4/21 | 4SD4/21 | 2.2 | 3 | | 156 | 150 | 146 | 142 | 136 | 127 | 116 | 101 | 82 | 62 | 35 | 146-70 | |
| 4SDm4/24 | 4SD4/24 | 2.2 | 3 | | 178 | 171 | 167 | 162 | 155 | 145 | 133 | 115 | 94 | 71 | 40 | 167-79 | |
| - | 4SD4/28 | 3 | 4 | | 209 | 203 | 196 | 190 | 182 | 170 | 152 | 130 | 106 | 77 | 45 | 196-87 | |
| - | 4SD4/32 | 3 | 4 | | 239 | 232 | 224 | 217 | 208 | 194 | 174 | 149 | 121 | 88 | 51 | 224-100 | |
| - | 4SD4/36 | 4 | 5.5 | | 267 | 257 | 250 | 243 | 232 | 216 | 194 | 167 | 136 | 98 | 57 | 250-112 | |
| - | 4SD4/40 | 4 | 5.5 | | 297 | 286 | 278 | 270 | 258 | 240 | 216 | 186 | 151 | 109 | 63 | 278-124 | |
| - | 4SD4/45 | 5.5 | 7.5 | | 328 | 317 | 308 | 297 | 286 | 269 | 242 | 207 | 165 | 118 | 67 | 308-134 | |
| - | 4SD4/50 | 5.5 | 7.5 | | 364 | 352 | 342 | 330 | 318 | 299 | 269 | 230 | 183 | 131 | 74 | 342-149 | |
| - | 4SD4/55 | 7.5 | 10 | | 401 | 388 | 375 | 363 | 349 | 328 | 296 | 250 | 202 | 145 | 82 | 375-164 | |
| - | 4SD4/60 | 7.5 | 10 | | 437 | 423 | 409 | 396 | 381 | 358 | 323 | 273 | 220 | 158 | 89 | 409-180 | |

Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|----------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SDm4/6 | 0.37 | 0.5 | 1.25" | 374 | 324 | 698 | 3.2 | 9 | 12.2 |
| 4SDm4/7 | 0.55 | 0.75 | | 403 | 344 | 747 | 3.5 | 9.8 | 13.3 |
| 4SDm4/8 | 0.75 | 1 | | 432 | 369 | 801 | 3.8 | 11 | 14.8 |
| 4SDm4/10 | 0.75 | 1 | | 490 | 369 | 859 | 4.4 | 11 | 15.4 |
| 4SDm4/12 | 1.1 | 1.5 | | 548 | 404 | 952 | 5 | 13 | 18 |
| 4SDm4/14 | 1.1 | 1.5 | | 638 | 404 | 1042 | 5.5 | 13 | 18.5 |
| 4SDm4/16 | 1.5 | 2 | | 696 | 449 | 1145 | 6.1 | 15 | 21.1 |
| 4SDm4/18 | 1.5 | 2 | | 754 | 449 | 1203 | 6.6 | 15 | 21.6 |
| 4SDm4/21 | 2.2 | 3 | | 873 | 539 | 1412 | 7.4 | 17 | 24.4 |
| 4SDm4/24 | 2.2 | 3 | | 961 | 539 | 1500 | 8.2 | 17 | 25.2 |
| 4SD4/28 | 3 | 4 | | 1105 | 557 | 1662 | 9.2 | 17.6 | 26.8 |
| 4SD4/32 | 3 | 4 | | 1253 | 557 | 1810 | 10.4 | 17.6 | 28 |
| 4SD4/36 | 4 | 5.5 | | 1369 | 637 | 2006 | 11.5 | 20.7 | 32.2 |
| 4SD4/40 | 4 | 5.5 | | 1517 | 637 | 2154 | 12.6 | 20.7 | 33.3 |
| 4SD4/45 | 5.5 | 7.5 | | 1662 | 712 | 2374 | 14 | 25.7 | 39.7 |
| 4SD4/50 | 5.5 | 7.5 | | 1839 | 712 | 2551 | 15.5 | 25.7 | 41.2 |
| 4SD4/55 | 7.5 | 10 | 1985 | 847 | 2832 | 16.8 | 32.3 | 49.1 | |
| 4SD4/60 | 7.5 | 10 | 2162 | 847 | 3009 | 18.3 | 32.3 | 50.6 | |



Performance curve (50Hz)

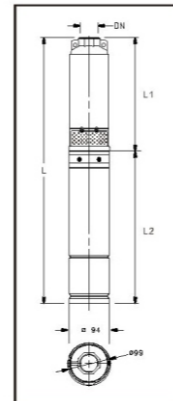


Performance data (50Hz)

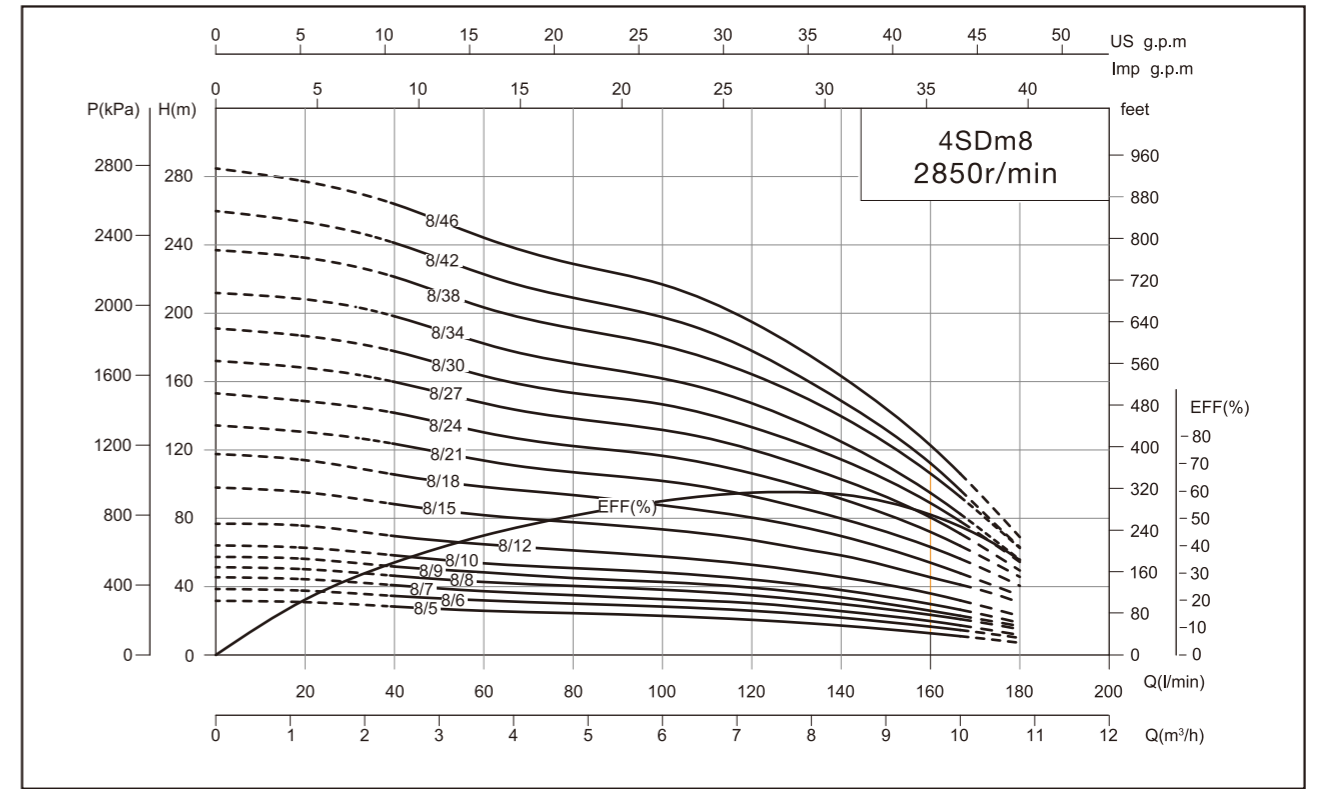
| Model | | Power | | Flow range | | | | | | | | | | | Head range (m) | Outlet (inch) |
|----------|---------|-------|------|------------|-----|-----|-----|-----|-----|-----|-----|-----|---------|--|----------------|---------------|
| 1phase | 3phase | kW | Hp | m³/h | 0 | 1.2 | 2.4 | 3.6 | 4.8 | 6 | 7.2 | 8.4 | H(m) | | | |
| 220V | 380V | | | | | | | | | | | | | | | l/min |
| 4SDm6/5 | - | 0.37 | 0.5 | | 33 | 31 | 29 | 27 | 24 | 22 | 16 | 10 | 30~16 | | | |
| 4SDm6/6 | - | 0.55 | 0.75 | | 39 | 36 | 34 | 32 | 29 | 26 | 19 | 12 | 35~19 | | | |
| 4SDm6/7 | 4SD6/7 | 0.75 | 1 | | 46 | 42 | 39 | 37 | 34 | 30 | 23 | 14 | 40~23 | | | |
| 4SDm6/8 | 4SD6/8 | 0.75 | 1 | | 53 | 48 | 45 | 43 | 39 | 35 | 26 | 16 | 46~26 | | | |
| 4SDm6/9 | 4SD6/9 | 1.1 | 1.5 | | 59 | 55 | 51 | 48 | 44 | 39 | 29 | 18 | 53~29 | | | |
| 4SDm6/11 | 4SD6/11 | 1.1 | 1.5 | | 72 | 67 | 61 | 59 | 54 | 48 | 35 | 22 | 64~35 | | | |
| 4SDm6/12 | 4SD6/12 | 1.5 | 2 | | 79 | 74 | 67 | 64 | 59 | 52 | 39 | 24 | 70~39 | | | |
| 4SDm6/14 | 4SD6/14 | 1.5 | 2 | | 92 | 86 | 78 | 75 | 68 | 61 | 45 | 28 | 85~45 | | | |
| 4SDm6/17 | 4SD6/17 | 2.2 | 3 | | 113 | 106 | 98 | 91 | 83 | 74 | 55 | 34 | 102~55 | | | |
| 4SDm6/20 | 4SD6/20 | 2.2 | 3 | | 133 | 125 | 113 | 107 | 98 | 87 | 64 | 40 | 121~64 | | | |
| - | 4SD6/23 | 3 | 4 | | 154 | 142 | 132 | 123 | 112 | 100 | 74 | 46 | 139~74 | | | |
| - | 4SD6/26 | 3 | 4 | | 174 | 161 | 150 | 139 | 127 | 113 | 84 | 52 | 156~84 | | | |
| - | 4SD6/30 | 4 | 5.5 | | 201 | 185 | 172 | 160 | 147 | 130 | 97 | 60 | 179~97 | | | |
| - | 4SD6/34 | 4 | 5.5 | | 228 | 210 | 192 | 181 | 166 | 147 | 110 | 68 | 205~110 | | | |
| - | 4SD6/38 | 5.5 | 7.5 | | 247 | 229 | 220 | 203 | 186 | 165 | 122 | 76 | 226~122 | | | |
| - | 4SD6/42 | 5.5 | 7.5 | | 273 | 253 | 238 | 224 | 205 | 182 | 135 | 84 | 245~135 | | | |
| - | 4SD6/46 | 7.5 | 10 | | 299 | 280 | 260 | 245 | 225 | 199 | 148 | 92 | 267~148 | | | |
| - | 4SD6/50 | 7.5 | 10 | | 325 | 303 | 284 | 267 | 244 | 217 | 161 | 100 | 294~161 | | | |

Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SD6/5 | 0.37 | 0.5 | 1.5" | 354 | 324 | 678 | 3.2 | 9 | 122 |
| 4SD6/6 | 0.55 | 0.75 | | 385 | 344 | 729 | 3.5 | 9.8 | 133 |
| 4SD6/7 | 0.75 | 1 | | 415 | 369 | 784 | 3.8 | 11 | 148 |
| 4SD6/8 | 0.75 | 1 | | 446 | 369 | 815 | 4.2 | 11 | 15.2 |
| 4SD6/9 | 1.1 | 1.5 | | 477 | 404 | 881 | 4.5 | 13 | 17.5 |
| 4SD6/11 | 1.1 | 1.5 | | 538 | 404 | 942 | 5.2 | 13 | 18.2 |
| 4SD6/12 | 1.5 | 2 | | 569 | 449 | 1018 | 5.6 | 15 | 20.6 |
| 4SD6/14 | 1.5 | 2 | | 663 | 449 | 1112 | 6.4 | 15 | 21.4 |
| 4SD6/17 | 2.2 | 3 | | 755 | 539 | 1294 | 7.6 | 17 | 24.6 |
| 4SD6/20 | 2.2 | 3 | | 847 | 539 | 1386 | 8.8 | 17 | 25.8 |
| 4SD6/23 | 3 | 4 | | 1005 | 557 | 1562 | 10 | 17.6 | 27.6 |
| 4SD6/26 | 3 | 4 | | 1097 | 557 | 1654 | 11.2 | 17.6 | 28.8 |
| 4SD6/30 | 4 | 5.5 | | 1220 | 637 | 1857 | 12.8 | 20.7 | 33.5 |
| 4SD6/34 | 4 | 5.5 | | 1375 | 637 | 2012 | 14.4 | 20.7 | 35.1 |
| 4SD6/38 | 5.5 | 7.5 | | 1531 | 712 | 2243 | 16.2 | 25.7 | 41.9 |
| 4SD6/42 | 5.5 | 7.5 | 1654 | 712 | 2366 | 17.8 | 25.7 | 43.5 | |
| 4SD6/46 | 7.5 | 10 | 1809 | 847 | 2656 | 18.6 | 32.3 | 50.9 | |
| 4SD6/50 | 7.5 | 10 | 1932 | 847 | 2779 | 21 | 32.3 | 53.3 | |



Performance curve (50Hz)

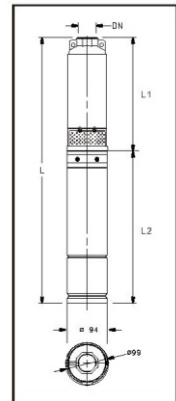


Performance data (50Hz)

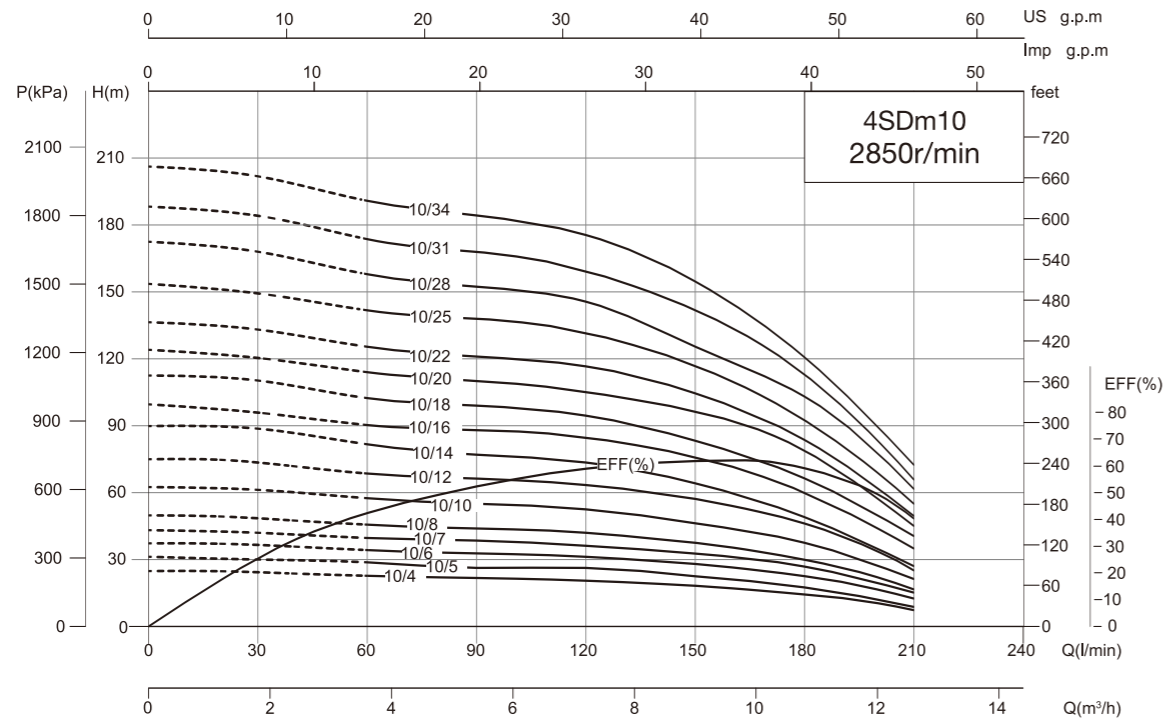
| Model | | Power | | Flow range | | | | | | | | | | | Head range (m) | Outlet (inch) |
|----------|---------|-------|------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----------------|---------------|
| 1phase | 3phase | kW | Hp | m³/h | 0 | 1.2 | 2.4 | 3.6 | 4.8 | 6 | 7.2 | 8.4 | 9.6 | 10.8 | | |
| 220V | 380V | | | | | | | | | | | | | | | |
| 4SDm8/5 | - | 0.55 | 0.75 | | 32 | 31 | 28 | 26 | 25 | 23 | 21 | 17 | 13 | 7 | 28~11 | |
| 4SDm8/6 | 4SD8/6 | 0.75 | 1 | | 39 | 38 | 35 | 32 | 30 | 28 | 26 | 22 | 17 | 10 | 35~15 | |
| 4SDm8/7 | 4SD8/7 | 0.75 | 1 | | 46 | 44 | 41 | 37 | 35 | 33 | 30 | 26 | 20 | 12 | 41~17 | |
| 4SDm8/8 | 4SD8/8 | 1.1 | 1.5 | | 51 | 50 | 46 | 43 | 40 | 38 | 35 | 30 | 23 | 15 | 46~21 | |
| 4SDm8/9 | 4SD8/9 | 1.1 | 1.5 | | 57 | 56 | 52 | 48 | 45 | 43 | 39 | 34 | 26 | 17 | 52~23 | |
| 4SDm8/10 | 4SD8/10 | 1.5 | 2 | | 64 | 63 | 58 | 54 | 51 | 48 | 44 | 38 | 30 | 19 | 58~26 | |
| 4SDm8/12 | 4SD8/12 | 1.5 | 2 | | 77 | 76 | 70 | 65 | 61 | 58 | 53 | 46 | 36 | 23 | 70~32 | |
| 4SDm8/15 | 4SD8/15 | 2.2 | 3 | | 98 | 95 | 88 | 82 | 78 | 73 | 67 | 58 | 45 | 29 | 88~41 | |
| 4SDm8/18 | 4SD8/18 | 2.2 | 3 | | 118 | 114 | 106 | 98 | 94 | 88 | 80 | 70 | 54 | 35 | 106~48 | |
| - | 4SD8/21 | 3 | 4 | | 134 | 130 | 124 | 114 | 107 | 102 | 93 | 80 | 63 | 40 | 124~56 | |
| - | 4SD8/24 | 3 | 4 | | 153 | 149 | 142 | 130 | 122 | 117 | 106 | 91 | 72 | 46 | 142~64 | |
| - | 4SD8/27 | 4 | 5.5 | | 172 | 168 | 160 | 147 | 138 | 132 | 120 | 103 | 80 | 49 | 160~71 | |
| - | 4SD8/30 | 4 | 5.5 | | 191 | 187 | 178 | 163 | 153 | 147 | 133 | 114 | 89 | 54 | 178~78 | |
| - | 4SD8/34 | 5.5 | 7.5 | | 212 | 208 | 198 | 182 | 171 | 162 | 147 | 125 | 95 | 56 | 198~83 | |
| - | 4SD8/38 | 5.5 | 7.5 | | 237 | 232 | 221 | 203 | 191 | 181 | 164 | 140 | 106 | 62 | 221~93 | |
| - | 4SD8/42 | 7.5 | 10 | | 260 | 253 | 241 | 223 | 209 | 198 | 178 | 149 | 112 | 63 | 241~97 | |
| - | 4SD8/46 | 7.5 | 10 | | 285 | 277 | 264 | 244 | 229 | 217 | 195 | 163 | 123 | 69 | 264~106 | |

Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SD8/5 | 0.55 | 0.75 | 2" | 390 | 344 | 734 | 35 | 9.8 | 133 |
| 4SD8/6 | 0.75 | 1 | | 429 | 369 | 798 | 38 | 11 | 148 |
| 4SD8/7 | 0.75 | 1 | | 467 | 369 | 836 | 4.1 | 11 | 15.1 |
| 4SD8/8 | 1.1 | 1.5 | | 505 | 404 | 909 | 4.4 | 13 | 17.4 |
| 4SD8/9 | 1.1 | 1.5 | | 543 | 404 | 947 | 4.7 | 13 | 17.7 |
| 4SD8/10 | 1.5 | 2 | | 581 | 449 | 1030 | 5 | 15 | 20 |
| 4SD8/12 | 1.5 | 2 | | 657 | 449 | 1106 | 5.6 | 15 | 20.6 |
| 4SD8/15 | 2.2 | 3 | | 804 | 539 | 1343 | 6.4 | 17 | 23.4 |
| 4SD8/18 | 2.2 | 3 | | 919 | 539 | 1458 | 7.3 | 17 | 24.3 |
| 4SD8/21 | 3 | 4 | | 1099 | 557 | 1656 | 8.2 | 17.6 | 25.8 |
| 4SD8/24 | 3 | 4 | | 1213 | 557 | 1770 | 9.1 | 17.6 | 26.7 |
| 4SD8/27 | 4 | 5.5 | | 1327 | 637 | 1964 | 10 | 20.7 | 30.7 |
| 4SD8/30 | 4 | 5.5 | | 1441 | 637 | 2078 | 11 | 20.7 | 31.7 |
| 4SD8/34 | 5.5 | 7.5 | | 1626 | 712 | 2338 | 12.3 | 25.7 | 38 |
| 4SD8/38 | 5.5 | 7.5 | | 1811 | 712 | 2523 | 13.5 | 25.7 | 39.2 |
| 4SD8/42 | 7.5 | 10 | 1964 | 847 | 2811 | 14.8 | 32.3 | 47.1 | |
| 4SD8/46 | 7.5 | 10 | 2149 | 847 | 2996 | 16 | 32.3 | 48.3 | |



Performance curve (50Hz)

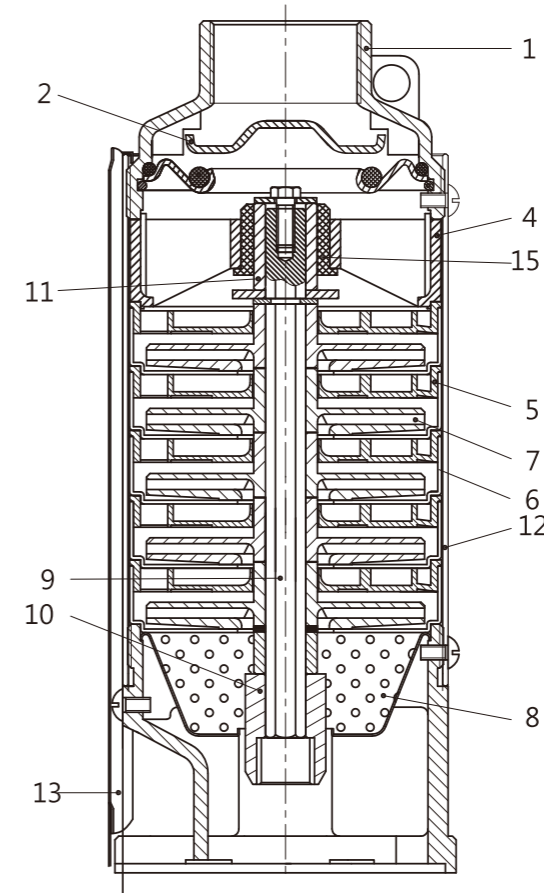
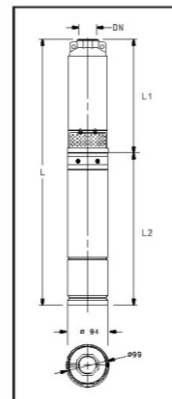


Performance data (50Hz)

| Model | | Power | | Flow range | | | | | | | | | | Head range (m) | Outlet (inch) |
|-----------|----------|-------|-----|------------|-----|-----|-----|-----|-----|-----|------|------|--------|----------------|---------------|
| 1phase | 3phase | kW | Hp | m³/h | 0 | 1.8 | 3.6 | 5.4 | 7.2 | 9 | 10.8 | 12.6 | H(m) | | |
| 220V | 380V | | | l/min | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | | | |
| 4SDm10/4 | 4SD10/4 | 0.75 | 1 | | 25 | 24 | 23 | 22 | 21 | 18 | 14 | 7 | 23-7 | 2" | |
| 4SDm10/5 | 4SD10/5 | 0.75 | 1 | | 31 | 30 | 29 | 27 | 26 | 23 | 18 | 9 | 29-9 | | |
| 4SDm10/6 | 4SD10/6 | 1.1 | 1.5 | | 37 | 36 | 34 | 33 | 31 | 28 | 23 | 13 | 34-13 | | |
| 4SDm10/7 | 4SD10/7 | 1.1 | 1.5 | | 43 | 42 | 40 | 39 | 36 | 33 | 27 | 15 | 40-15 | | |
| 4SDm10/8 | 4SD10/8 | 1.5 | 2 | | 50 | 49 | 46 | 44 | 42 | 37 | 30 | 17 | 47-17 | | |
| 4SDm10/10 | 4SD10/10 | 1.5 | 2 | | 63 | 61 | 58 | 55 | 53 | 46 | 38 | 21 | 59-21 | | |
| 4SDm10/12 | 4SD10/12 | 2.2 | 3 | | 77 | 76 | 70 | 66 | 63 | 55 | 42 | 22 | 70-22 | | |
| 4SDm10/14 | 4SD10/14 | 2.2 | 3 | | 90 | 89 | 82 | 77 | 74 | 64 | 49 | 26 | 84-26 | | |
| - | 4SD10/16 | 3 | 4 | | 100 | 98 | 91 | 88 | 84 | 74 | 59 | 36 | 92-36 | | |
| - | 4SD10/18 | 3 | 4 | | 113 | 110 | 102 | 99 | 95 | 83 | 66 | 41 | 105-41 | | |
| - | 4SD10/20 | 4 | 5.5 | | 124 | 121 | 114 | 110 | 106 | 95 | 76 | 45 | 116-45 | | |
| - | 4SD10/22 | 4 | 5.5 | | 136 | 133 | 125 | 121 | 117 | 105 | 84 | 50 | 128-50 | | |
| - | 4SD10/25 | 5.5 | 7.5 | | 154 | 150 | 141 | 136 | 130 | 116 | 92 | 55 | 144-55 | | |
| - | 4SD10/28 | 5.5 | 7.5 | | 172 | 168 | 158 | 152 | 146 | 125 | 103 | 62 | 161-62 | | |
| - | 4SD10/31 | 7.5 | 10 | | 188 | 184 | 174 | 168 | 160 | 141 | 110 | 66 | 177-66 | | |
| - | 4SD10/34 | 7.5 | 10 | | 206 | 202 | 191 | 184 | 175 | 155 | 121 | 72 | 194-72 | | |

Installation dimensions and weight (50Hz)

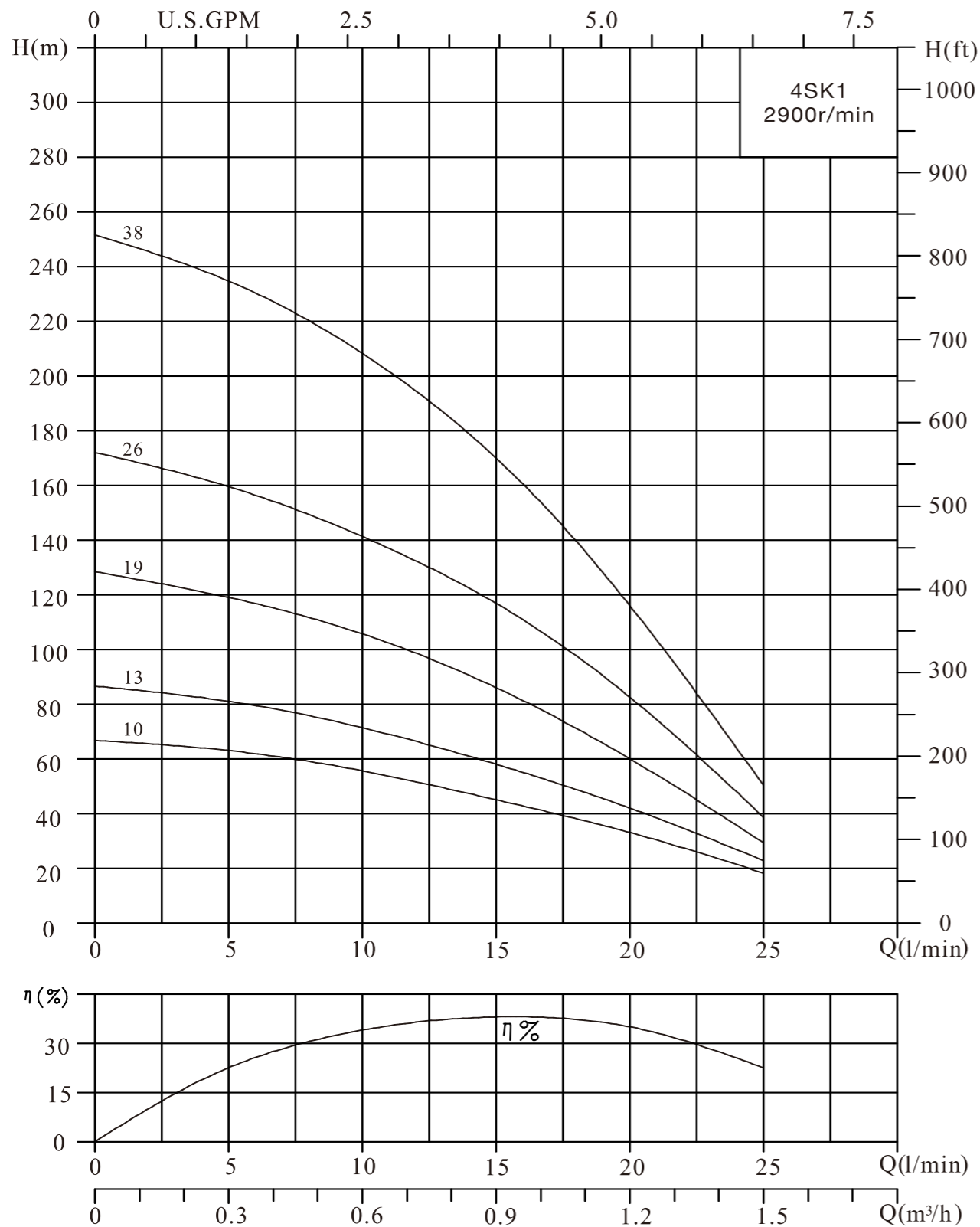
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|----------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SD10/4 | 0.75 | 1 | 2" | 354 | 369 | 723 | 3.2 | 11 | 14.2 |
| 4SD10/5 | 0.75 | 1 | | 391 | 369 | 760 | 3.5 | 11 | 14.5 |
| 4SD10/6 | 1.1 | 1.5 | | 429 | 404 | 833 | 3.8 | 13 | 16.8 |
| 4SD10/7 | 1.1 | 1.5 | | 467 | 404 | 871 | 4.1 | 13 | 17.1 |
| 4SD10/8 | 1.5 | 2 | | 505 | 449 | 954 | 4.4 | 15 | 19.4 |
| 4SD10/10 | 1.5 | 2 | | 581 | 449 | 1030 | 5 | 15 | 20 |
| 4SD10/12 | 2.2 | 3 | | 657 | 539 | 1196 | 5.6 | 17 | 22.6 |
| 4SD10/14 | 2.2 | 3 | | 766 | 539 | 1305 | 6.2 | 17 | 23.2 |
| 4SD10/16 | 3 | 4 | | 876 | 557 | 1433 | 6.8 | 17.6 | 24.4 |
| 4SD10/18 | 3 | 4 | | 952 | 557 | 1509 | 7.4 | 17.6 | 25 |
| 4SD10/20 | 4 | 5.5 | | 1060 | 637 | 1697 | 8 | 20.7 | 28.7 |
| 4SD10/22 | 4 | 5.5 | | 1137 | 637 | 1774 | 8.6 | 20.7 | 29.3 |
| 4SD10/25 | 5.5 | 7.5 | | 1251 | 712 | 1963 | 9.5 | 25.7 | 35.2 |
| 4SD10/28 | 5.5 | 7.5 | | 1398 | 712 | 2110 | 10.4 | 25.7 | 36.1 |
| 4SD10/31 | 7.5 | 10 | | 1512 | 847 | 2359 | 12 | 32.3 | 44.3 |
| 4SD10/34 | 7.5 | 10 | | 1659 | 847 | 2506 | 12.9 | 32.3 | 45.2 |



SD series material

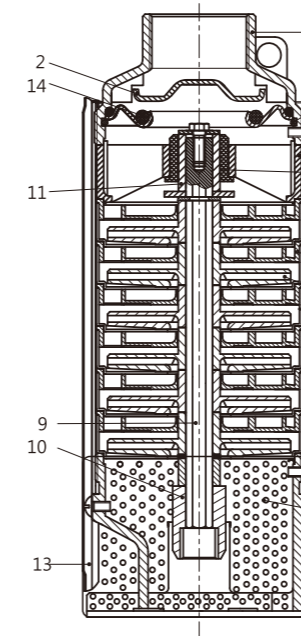
| No. | Component | Material |
|-----|-------------------|------------------------------|
| 1 | Discharge chamber | Brass/Cating/Stainless steel |
| 2 | Check valve | PC |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Guide vanes | PC |
| 7 | Impeller | POM |
| 8 | Strainer | Stainless steel |
| 9 | Pumpshaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 15 | Bearing | Polyurethane |

Performance curve (50Hz)

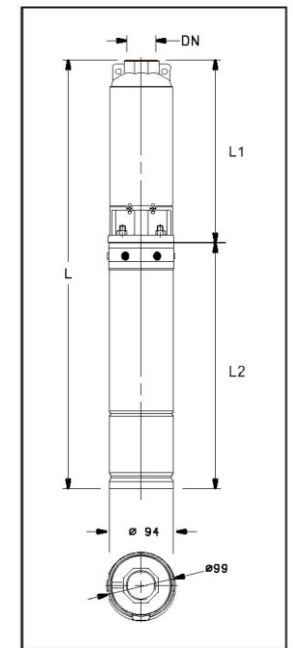


Performance curve (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 5 | 10 | 15 | 20 | 25 |
| 4SK1-10 | 0.37 | 0.5 | 1.25" | H(m) | 0 | 5 | 10 | 15 | 20 | 25 |
| 4SK1-13 | 0.37 | 0.5 | | | 67 | 63 | 55 | 46 | 33 | 18 |
| 4SK1-19 | 0.55 | 0.75 | | | 86 | 78 | 70 | 56 | 42 | 23 |
| 4SK1-26 | 0.75 | 1 | | | 126 | 118 | 105 | 86 | 60 | 30 |
| 4SK1-38 | 1.1 | 1.5 | | | 173 | 160 | 141 | 117 | 81 | 39 |
| 4SK1-50 | 1.5 | 2 | | | 253 | 234 | 208 | 169 | 117 | 52 |
| | | | | | 318 | 295 | 266 | 218 | 158 | 70 |

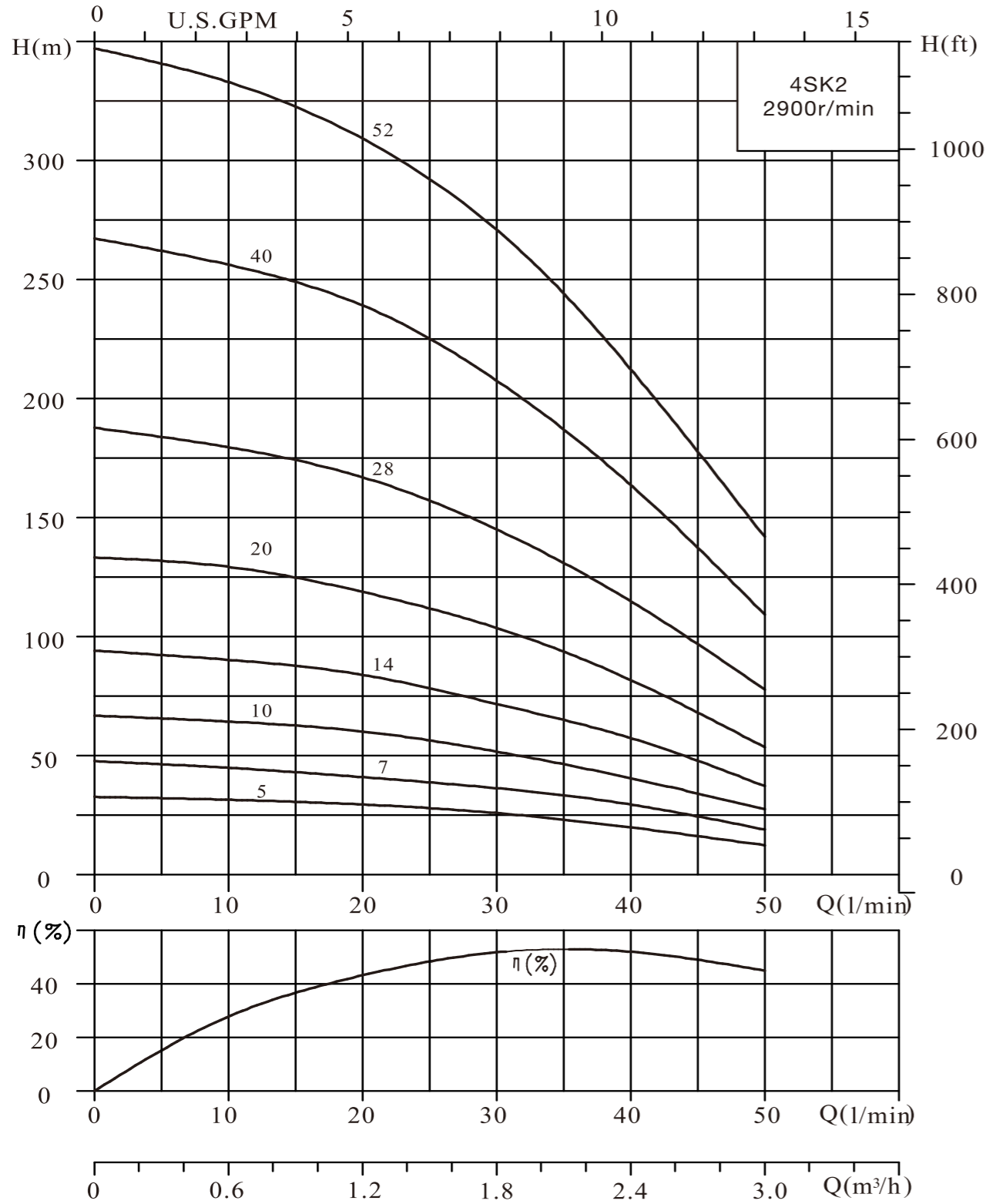


| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



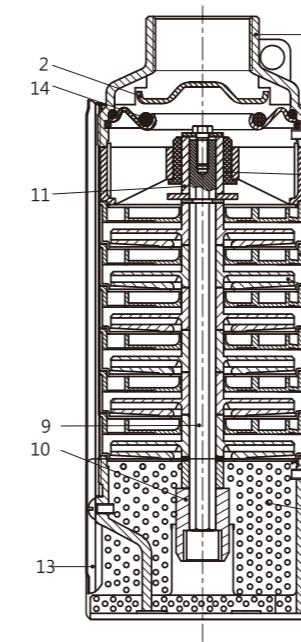
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK1-10 | 0.37 | 0.5 | 1.25" | 331 | 324 | 655 | 3.3 | 9 | 12.3 |
| 4SK1-13 | 0.37 | 0.5 | | 383 | 324 | 707 | 3.7 | 9 | 12.7 |
| 4SK1-19 | 0.55 | 0.75 | | 488 | 344 | 832 | 4.7 | 9.8 | 14.5 |
| 4SK1-26 | 0.75 | 1 | | 610 | 369 | 979 | 5.8 | 11 | 16.8 |
| 4SK1-38 | 1.1 | 1.5 | | 896 | 404 | 1300 | 8.2 | 13 | 21.2 |
| 4SK1-50 | 1.5 | 2 | | 1110 | 449 | 1559 | 10.1 | 15 | 25.1 |

Performance curve (50Hz)

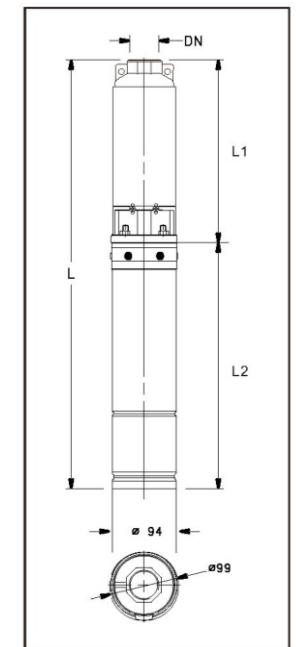


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 25 | 30 | 35 | 40 | 45 | 50 |
| 4SK2-5 | 0.37 | 0.5 | 1.25" | H(m) | 33 | 28 | 26 | 24 | 20 | 17 | 13 |
| 4SK2-7 | 0.37 | 0.5 | | | 47 | 39 | 35 | 32 | 28 | 24 | 19 |
| 4SK2-10 | 0.55 | 0.75 | | | 67 | 56 | 52 | 47 | 41 | 35 | 27 |
| 4SK2-14 | 0.75 | 1 | | | 93 | 78 | 73 | 66 | 57 | 50 | 37 |
| 4SK2-20 | 1.1 | 1.5 | | | 133 | 113 | 104 | 97 | 82 | 72 | 53 |
| 4SK2-28 | 1.5 | 2 | | | 187 | 158 | 146 | 130 | 115 | 97 | 74 |
| 4SK2-40 | 2.2 | 3 | | | 267 | 226 | 208 | 186 | 164 | 136 | 106 |
| 4SK2-52 | 3 | 4 | | | 347 | 294 | 271 | 243 | 213 | 178 | 138 |



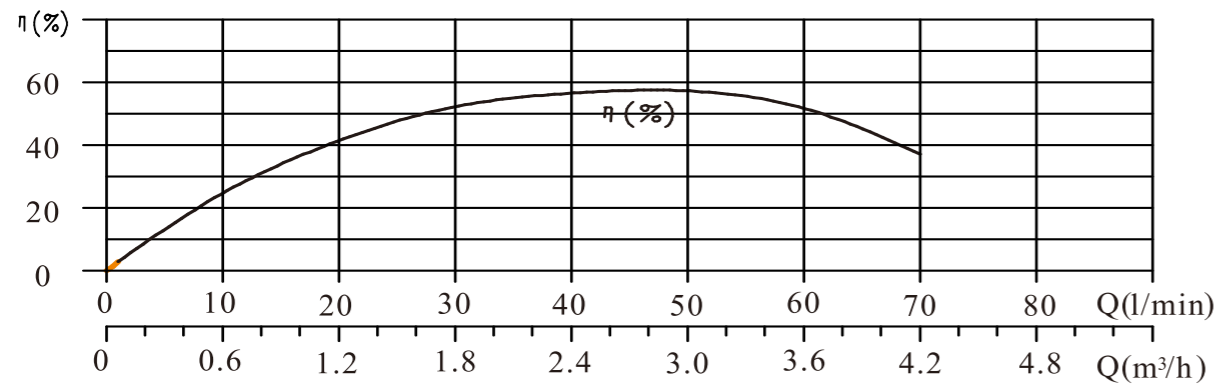
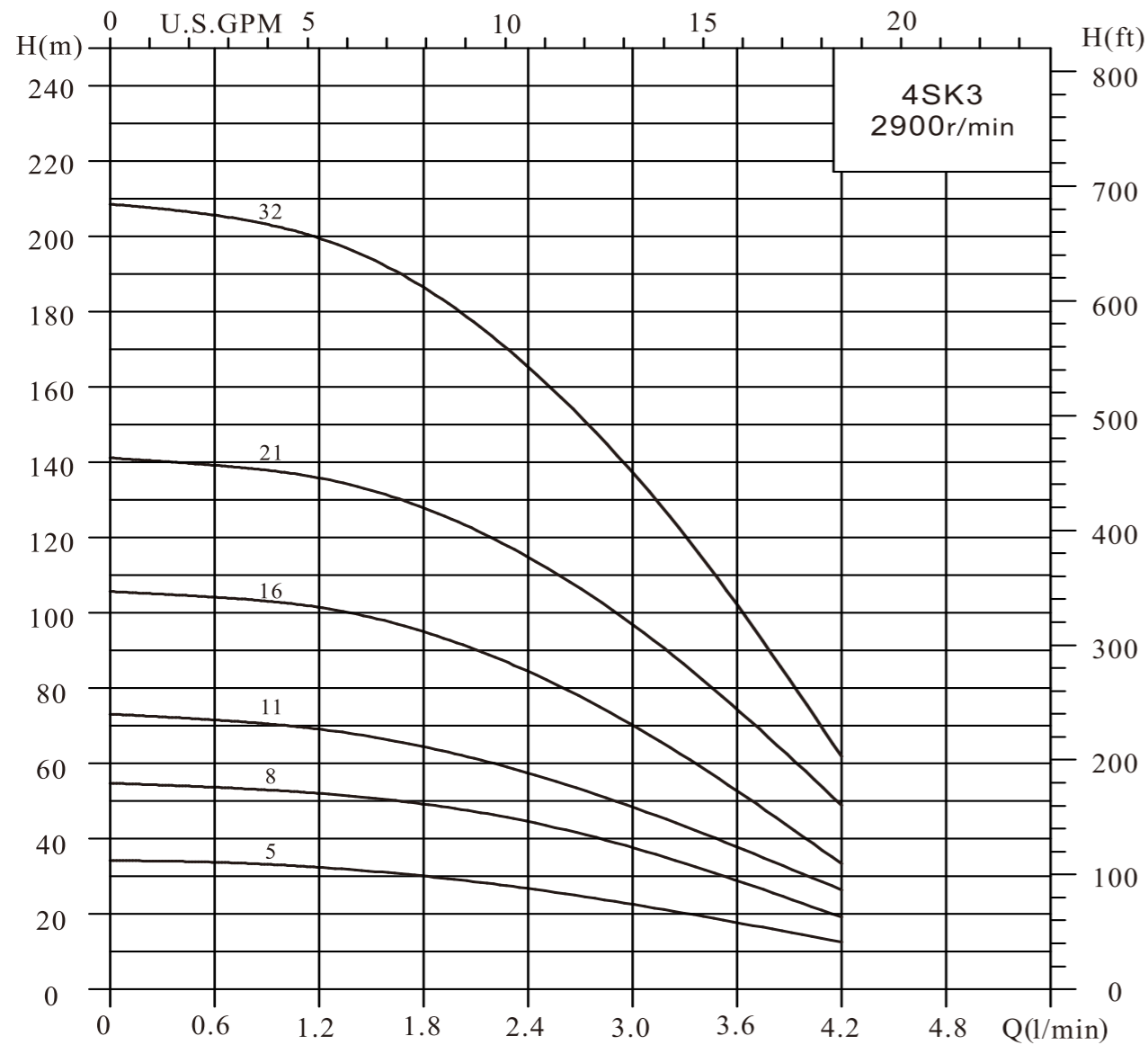
| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



Installation dimensions and weight (50Hz)

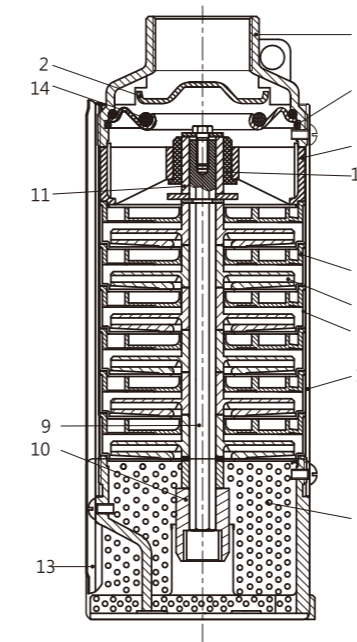
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK2-5 | 0.37 | 0.5 | 1.25" | 253 | 324 | 577 | 2.6 | 9 | 11.6 |
| 4SK2-7 | 0.37 | 0.5 | | 292 | 324 | 616 | 2.9 | 9 | 11.9 |
| 4SK2-10 | 0.55 | 0.75 | | 350 | 344 | 694 | 3.5 | 9.8 | 13.3 |
| 4SK2-14 | 0.75 | 1 | | 428 | 369 | 797 | 4.2 | 11 | 15.2 |
| 4SK2-20 | 1.1 | 1.5 | | 545 | 404 | 949 | 5.3 | 13 | 18.3 |
| 4SK2-28 | 1.5 | 2 | | 701 | 449 | 1150 | 7.1 | 15 | 22.1 |
| 4SK2-40 | 2.2 | 3 | | 1011 | 539 | 1550 | 10.1 | 17 | 27.1 |
| 4SK2-52 | 3 | 4 | | 1153 | 557 | 1710 | 12.2 | 17.6 | 29.8 |

Performance curve (50Hz)

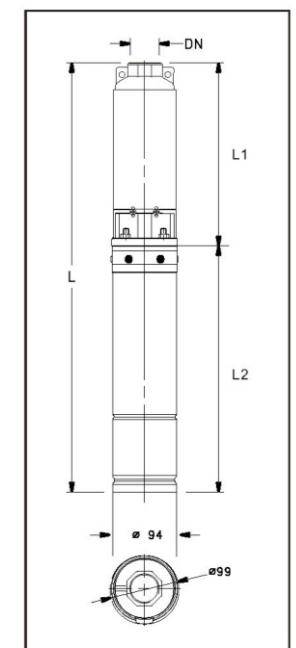


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 35 | 40 | 45 | 50 | 60 | 70 |
| 4SK3-5 | 0.37 | 0.5 | 1.25" | H(m) | 34 | 29 | 27 | 25 | 23 | 18 | 12 |
| 4SK3-8 | 0.55 | 0.75 | | | 54 | 46 | 43 | 41 | 38 | 30 | 19 |
| 4SK3-11 | 0.75 | 1 | | | 72 | 61 | 56 | 54 | 49 | 38 | 28 |
| 4SK3-16 | 1.1 | 1.5 | | | 106 | 89 | 83 | 77 | 70 | 54 | 34 |
| 4SK3-21 | 1.5 | 2 | | | 142 | 122 | 115 | 108 | 100 | 79 | 49 |
| 4SK3-32 | 2.2 | 3 | | | 208 | 177 | 165 | 152 | 138 | 104 | 64 |



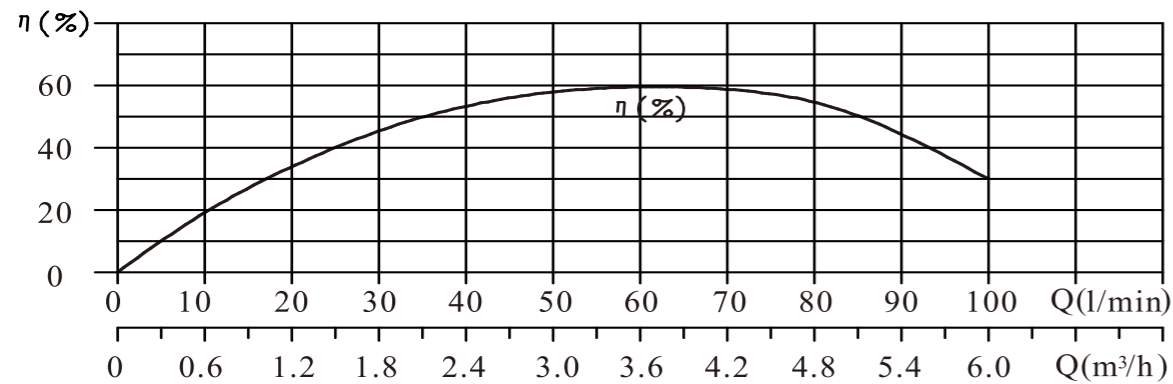
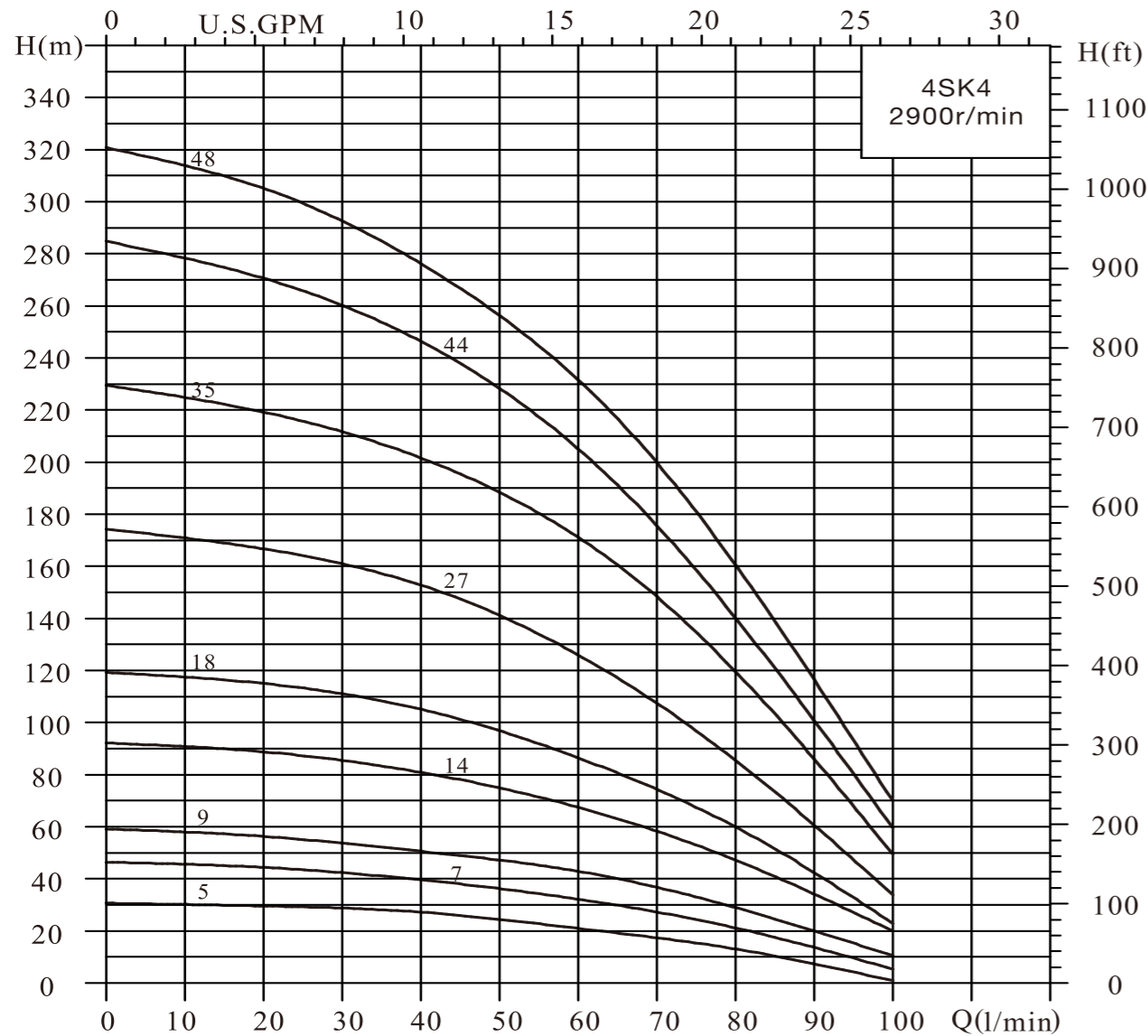
| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK3-5 | 0.37 | 0.5 | 1.25" | 253 | 324 | 577 | 2.5 | 9 | 11.5 |
| 4SK3-8 | 0.55 | 0.75 | | 313 | 344 | 657 | 2.9 | 9.8 | 12.7 |
| 4SK3-11 | 0.75 | 1 | | 370 | 369 | 739 | 3.4 | 11 | 14.4 |
| 4SK3-16 | 1.1 | 1.5 | | 468 | 404 | 872 | 4.2 | 13 | 17.2 |
| 4SK3-21 | 1.5 | 2 | | 565 | 449 | 1014 | 5 | 15 | 20 |
| 4SK3-32 | 2.2 | 3 | | 856 | 539 | 1395 | 7.1 | 17 | 24.1 |

Performance curve (50Hz)



Performance data (50Hz)

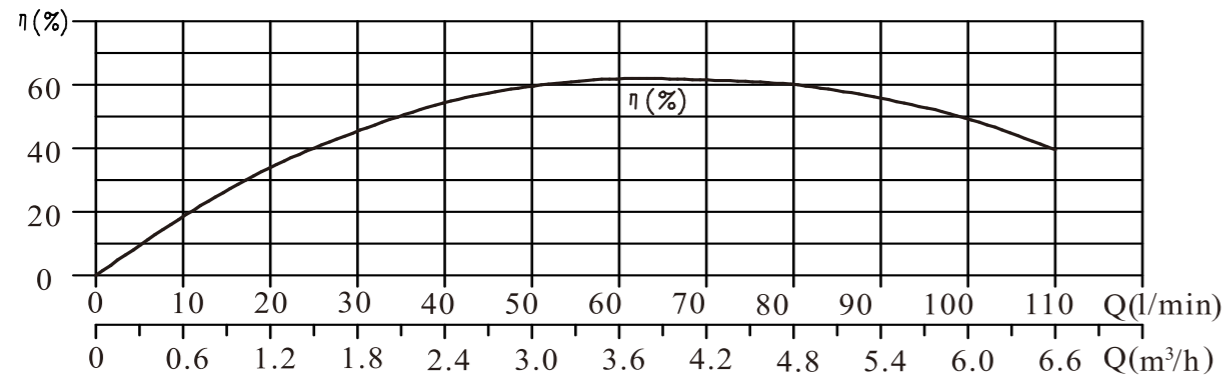
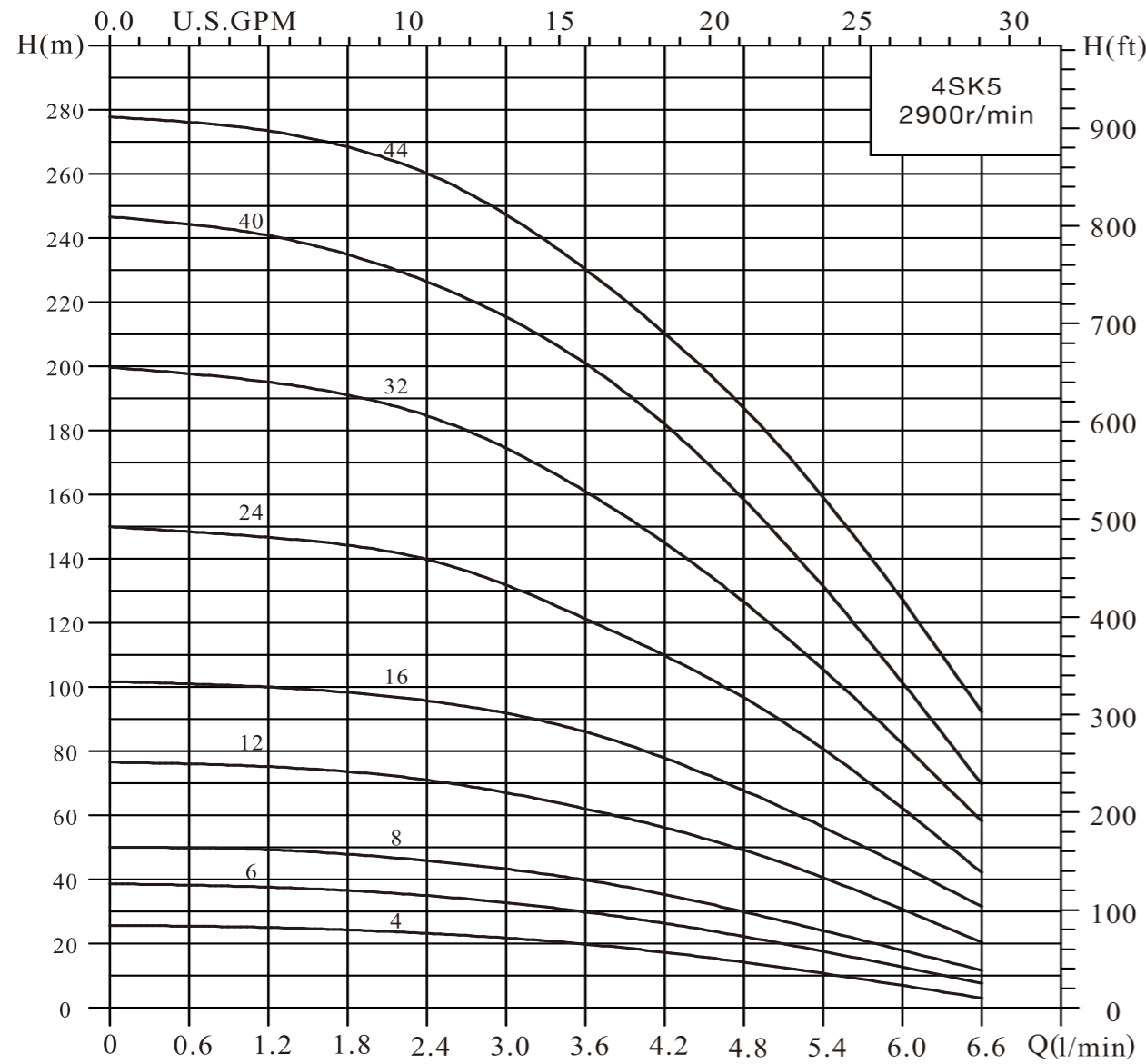
| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 3 | 3.6 | 4.2 | 4.8 | 5.4 | 6 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 50 | 60 | 70 | 80 | 90 | 100 |
| 4SK4-5 | 0.37 | 0.5 | 1.25" | H(m) | 33 | 22 | 21 | 17 | 13 | 8 | 3 |
| 4SK4-7 | 0.55 | 0.75 | | | 46 | 36 | 33 | 28 | 21 | 13 | 7 |
| 4SK4-9 | 0.75 | 1 | | | 59 | 47 | 43 | 37 | 28 | 20 | 10 |
| 4SK4-14 | 1.1 | 1.5 | | | 93 | 76 | 68 | 58 | 47 | 33 | 19 |
| 4SK4-18 | 1.5 | 2 | | | 120 | 98 | 88 | 75 | 60 | 42 | 25 |
| 4SK4-27 | 2.2 | 3 | | | 175 | 141 | 127 | 109 | 87 | 61 | 35 |
| 4SK4-35 | 3 | 4 | | | 231 | 184 | 166 | 145 | 119 | 85 | 49 |
| 4SK4-44 | 4 | 5.5 | | | 285 | 223 | 201 | 173 | 139 | 99 | 55 |
| 4SK4-48 | 4 | 5.5 | | | 322 | 248 | 228 | 198 | 160 | 118 | 70 |

| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |

Installation dimensions and weight (50Hz)

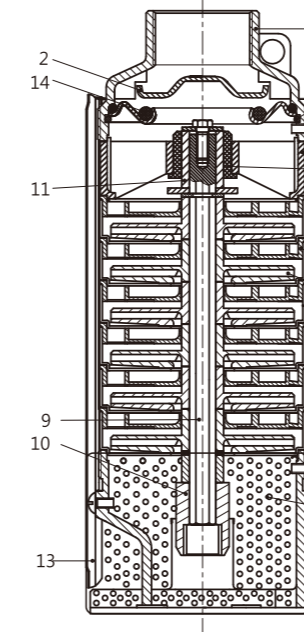
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK4-5 | 0.37 | 0.5 | 1.25" | 263 | 324 | 587 | 2.7 | 9 | 11.7 |
| 4SK4-7 | 0.55 | 0.75 | | 306 | 344 | 650 | 3 | 9.8 | 12.8 |
| 4SK4-9 | 0.75 | 1 | | 350 | 369 | 719 | 3.3 | 11 | 14.3 |
| 4SK4-14 | 1.1 | 1.5 | | 458 | 404 | 862 | 4.1 | 13 | 17.1 |
| 4SK4-18 | 1.5 | 2 | | 545 | 449 | 994 | 4.7 | 15 | 19.7 |
| 4SK4-27 | 2.2 | 3 | | 740 | 539 | 1279 | 6.2 | 17 | 23.2 |
| 4SK4-35 | 3 | 4 | | 990 | 557 | 1547 | 7.9 | 17.6 | 25.5 |
| 4SK4-44 | 4 | 5.5 | | 1185 | 637 | 1822 | 9.3 | 20.7 | 30 |
| 4SK4-48 | 4 | 5.5 | | 1272 | 637 | 1909 | 9.9 | 20.7 | 30.6 |

Performance curve (50Hz)

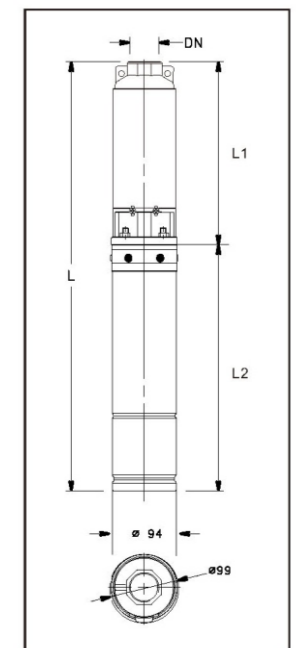


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 3.6 | 4.2 | 4.8 | 5.4 | 6 | 6.6 |
|---------|-------|------|---------------|---------------|------|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | H(m) | 0 | 60 | 70 | 80 | 90 | 100 |
| 4SK5-4 | 0.37 | 0.5 | 1.25" | H(m) | 26 | 19 | 17 | 14 | 11 | 7 | 4 |
| 4SK5-6 | 0.55 | 0.75 | | | 38 | 30 | 26 | 22 | 18 | 12 | 8 |
| 4SK5-8 | 0.75 | 1 | | | 51 | 39 | 35 | 30 | 24 | 18 | 14 |
| 4SK5-12 | 1.1 | 1.5 | | | 77 | 63 | 57 | 49 | 41 | 31 | 21 |
| 4SK5-16 | 1.5 | 2 | | | 102 | 86 | 77 | 68 | 57 | 46 | 34 |
| 4SK5-24 | 2.2 | 3 | | | 151 | 122 | 111 | 97 | 80 | 62 | 44 |
| 4SK5-32 | 3 | 4 | | | 203 | 162 | 146 | 127 | 105 | 80 | 59 |
| 4SK5-40 | 4 | 5.5 | | | 253 | 202 | 182 | 159 | 131 | 102 | 70 |
| 4SK5-44 | 4 | 5.5 | | | 278 | 230 | 210 | 187 | 159 | 127 | 94 |



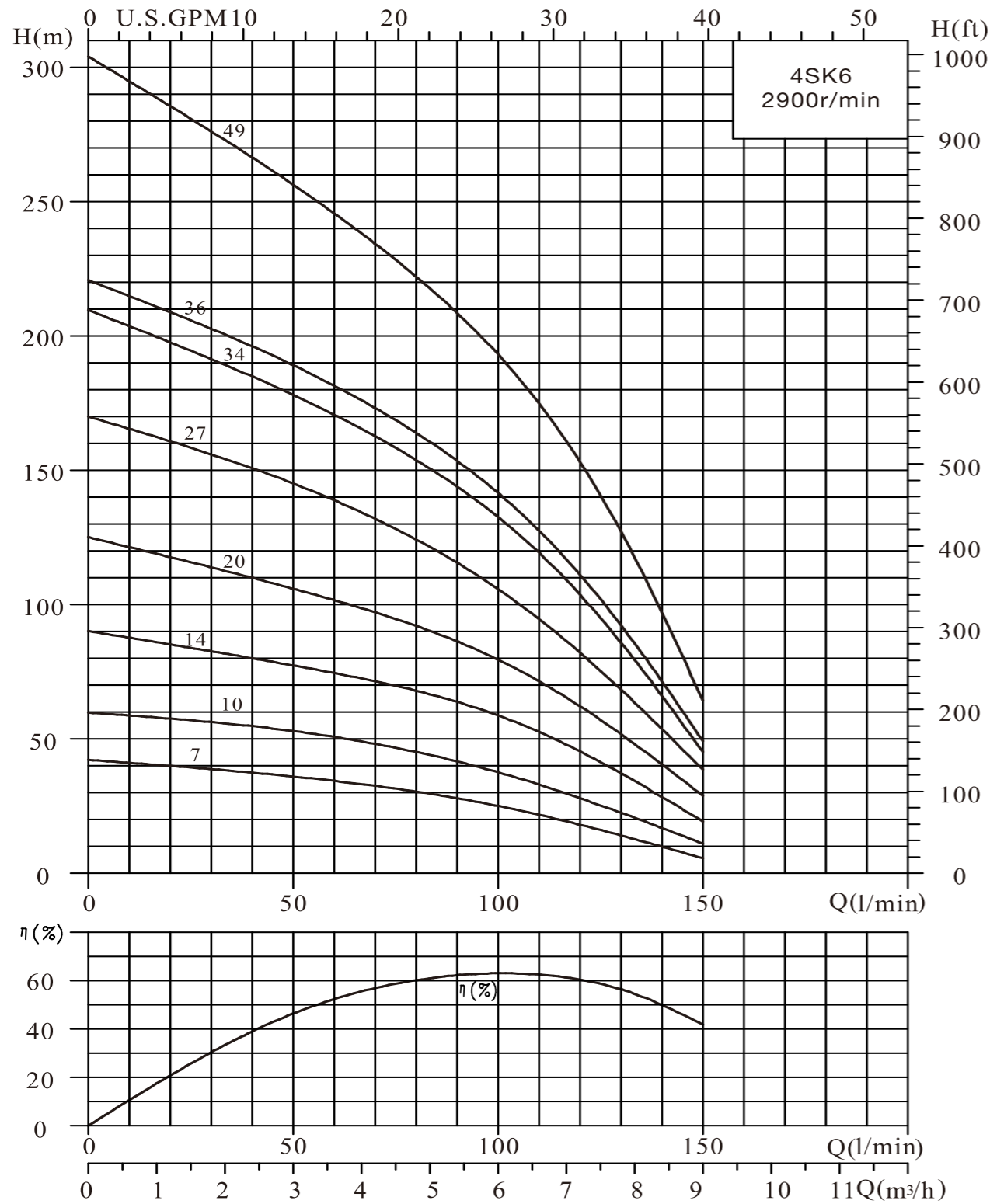
| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



Installation dimensions and weight (50Hz)

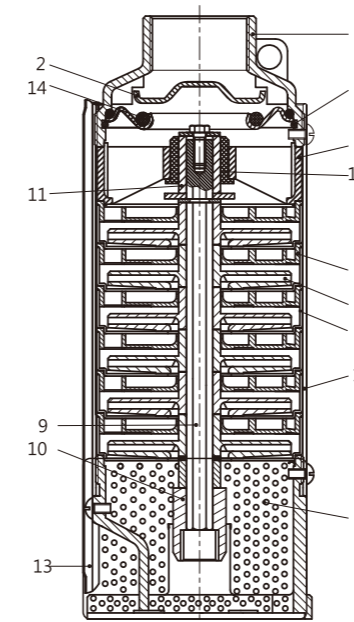
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK5-4 | 0.37 | 0.5 | 1.25" | 253 | 324 | 577 | 2.4 | 9 | 11.4 |
| 4SK5-6 | 0.55 | 0.75 | | 303 | 344 | 647 | 2.9 | 9.8 | 12.8 |
| 4SK5-8 | 0.75 | 1 | | 353 | 369 | 722 | 3.3 | 11 | 14.3 |
| 4SK5-12 | 1.1 | 1.5 | | 451 | 404 | 855 | 4.1 | 13 | 17.1 |
| 4SK5-16 | 1.5 | 2 | | 549 | 449 | 998 | 5 | 15 | 20 |
| 4SK5-24 | 2.2 | 3 | | 747 | 539 | 1286 | 6.6 | 17 | 23.6 |
| 4SK5-32 | 3 | 4 | | 1021 | 557 | 1578 | 8.7 | 17.6 | 26.3 |
| 4SK5-40 | 4 | 5.5 | | 1217 | 637 | 1854 | 10.4 | 20.7 | 31.1 |
| 4SK5-44 | 4 | 5.5 | | 1316 | 637 | 1953 | 11.2 | 20.7 | 31.9 |

Performance curve (50Hz)

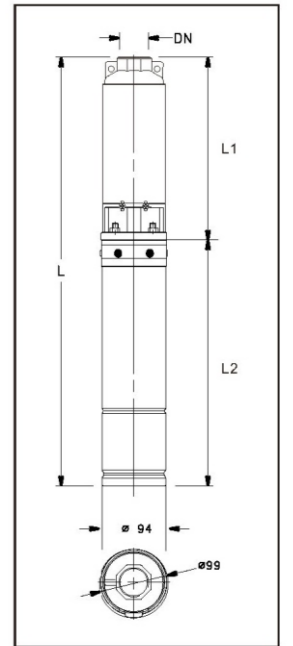


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 5.4 | 6 | 6.6 | 7.2 | 7.8 | 9 |
|---------|-------|-----|---------------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 90 | 100 | 110 | 120 | 130 | 150 |
| 4SK6-7 | 0.75 | 1 | 2" | H(m) | 42 | 28 | 25 | 22 | 19 | 15 | 8 |
| 4SK6-10 | 1.1 | 1.5 | | | 62 | 41 | 38 | 34 | 29 | 23 | 12 |
| 4SK6-14 | 1.5 | 2 | | | 90 | 63 | 59 | 53 | 46 | 37 | 19 |
| 4SK6-20 | 2.2 | 3 | | | 125 | 86 | 80 | 71 | 62 | 52 | 29 |
| 4SK6-27 | 3 | 4 | | | 169 | 115 | 107 | 96 | 84 | 70 | 39 |
| 4SK6-34 | 4 | 5.5 | | | 208 | 143 | 132 | 120 | 103 | 86 | 48 |
| 4SK6-36 | 4 | 5.5 | | | 221 | 154 | 143 | 127 | 112 | 93 | 49 |
| 4SK6-49 | 5.5 | 7.5 | | | 302 | 209 | 193 | 171 | 151 | 123 | 64 |



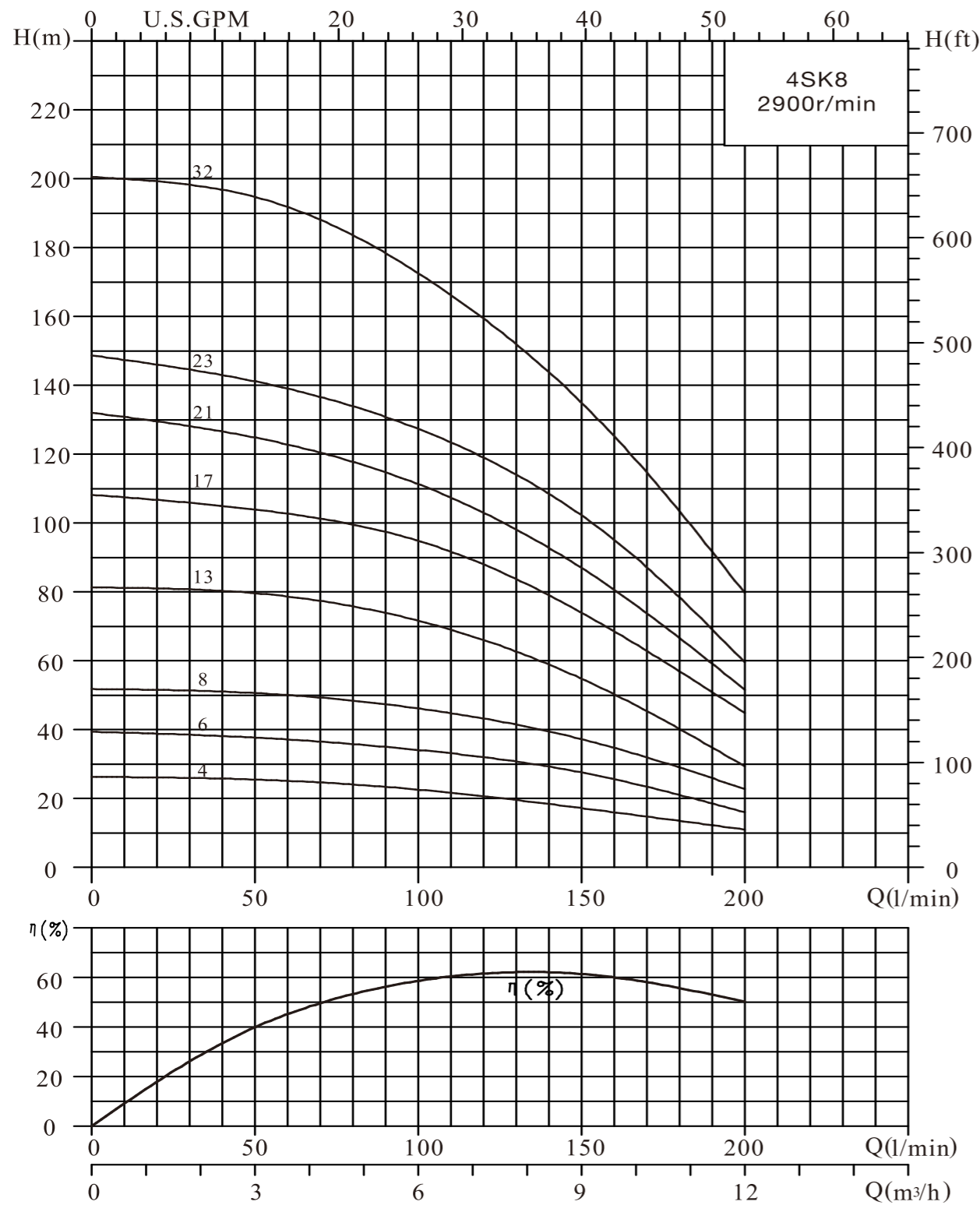
| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



Installation dimensions and weight (50Hz)

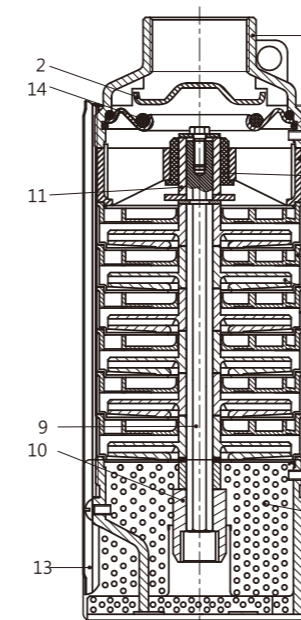
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK6-7 | 0.75 | 1 | 2" | 393 | 369 | 762 | 3.7 | 11 | 14.7 |
| 4SK6-10 | 1.1 | 1.5 | | 488 | 404 | 892 | 4.6 | 13 | 17.6 |
| 4SK6-14 | 1.5 | 2 | | 612 | 449 | 1061 | 5.7 | 15 | 20.7 |
| 4SK6-20 | 2.2 | 3 | | 798 | 539 | 1337 | 7.5 | 17 | 24.5 |
| 4SK6-27 | 3 | 4 | | 1015 | 557 | 1572 | 9.6 | 17.6 | 27.2 |
| 4SK6-34 | 4 | 5.5 | | 1307 | 637 | 1944 | 11.6 | 20.7 | 32.3 |
| 4SK6-36 | 4 | 5.5 | | 1369 | 637 | 2006 | 12.2 | 20.7 | 32.9 |
| 4SK6-49 | 5.5 | 7.5 | | 1773 | 712 | 2485 | 15.9 | 25.7 | 41.6 |

Performance curve (50Hz)

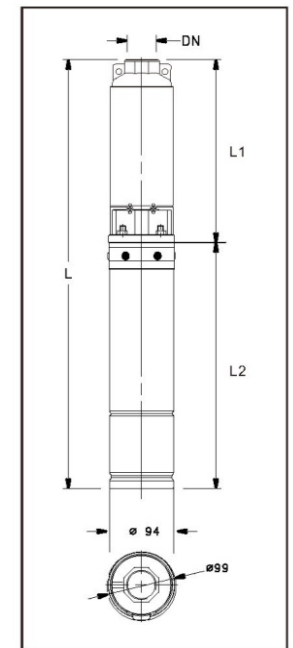


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 7.2 | 7.8 | 8.4 | 9.0 | 9.6 | 12 |
|---------|-------|-----|---------------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 120 | 130 | 140 | 150 | 160 | 200 |
| 4SK8-4 | 0.75 | 1 | 2" | H(m) | 26 | 21 | 20 | 19 | 18 | 17 | 11 |
| 4SK8-6 | 1.1 | 1.5 | | | 39 | 32 | 30 | 29 | 27 | 26 | 18 |
| 4SK8-8 | 1.5 | 2 | | | 52 | 43 | 40 | 39 | 37 | 35 | 24 |
| 4SK8-13 | 2.2 | 3 | | | 82 | 66 | 62 | 59 | 53 | 50 | 30 |
| 4SK8-17 | 3 | 4 | | | 108 | 87 | 83 | 79 | 75 | 70 | 47 |
| 4SK8-21 | 4 | 5.5 | | | 132 | 103 | 98 | 93 | 88 | 82 | 52 |
| 4SK8-23 | 4 | 5.5 | | | 148 | 118 | 113 | 108 | 101 | 95 | 60 |
| 4SK8-32 | 5.5 | 7.5 | | | 202 | 160 | 151 | 143 | 133 | 125 | 80 |



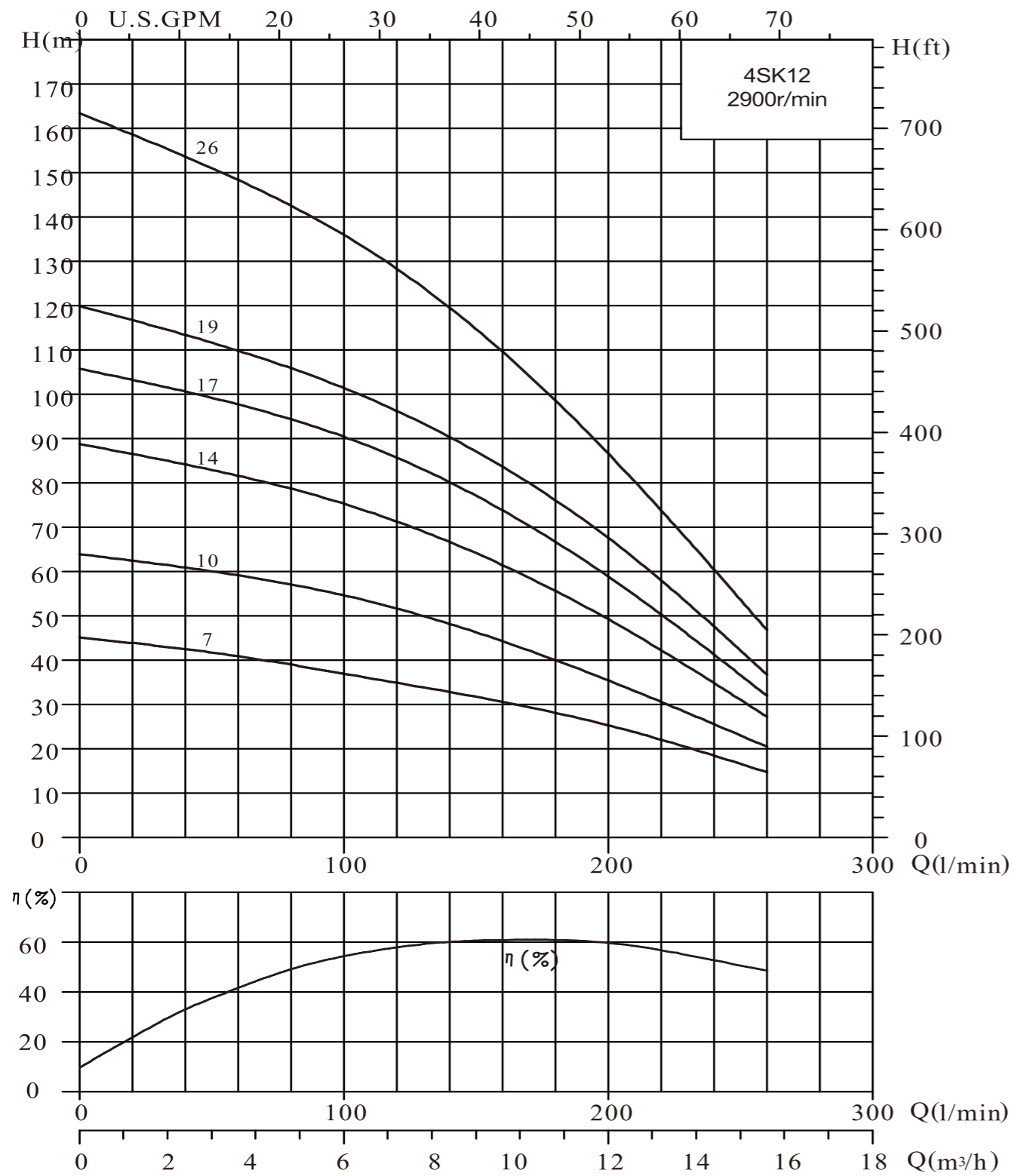
| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



Installation dimensions and weight (50Hz)

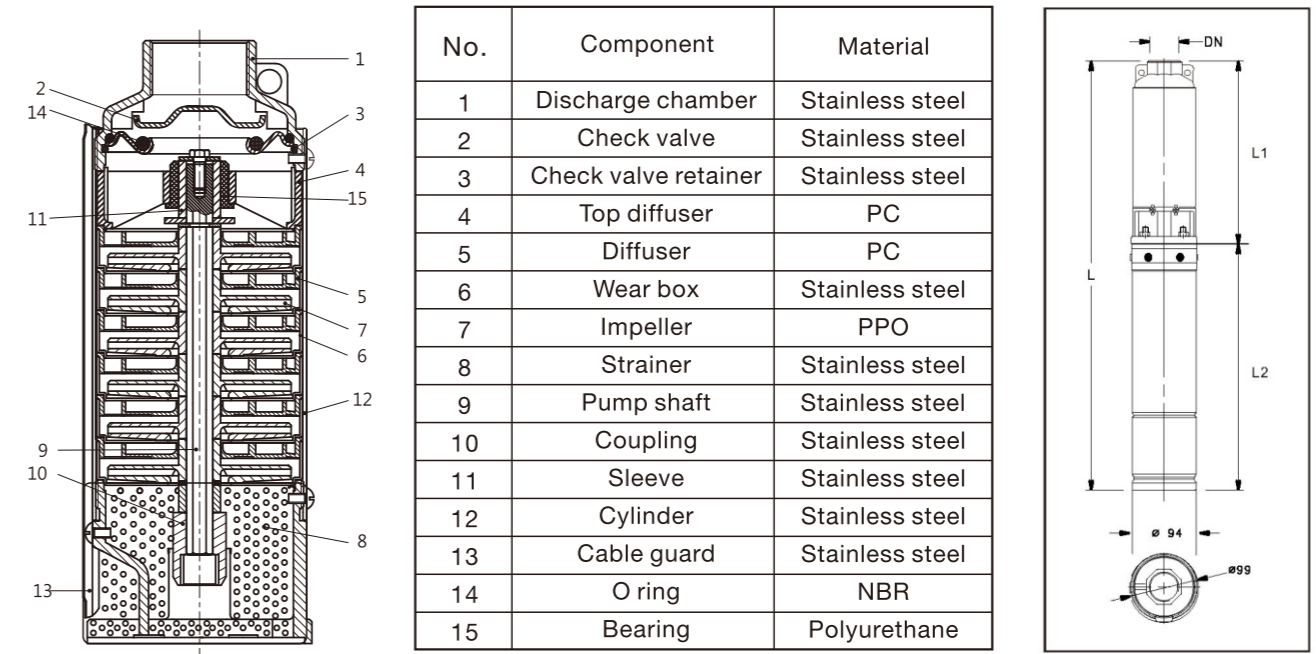
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK8-4 | 0.75 | 1 | 2" | 302 | 369 | 671 | 2.8 | 11 | 13.8 |
| 4SK8-6 | 1.1 | 1.5 | | 363 | 404 | 767 | 3.4 | 13 | 16.4 |
| 4SK8-8 | 1.5 | 2 | | 426 | 449 | 875 | 4 | 15 | 19 |
| 4SK8-13 | 2.2 | 3 | | 581 | 539 | 1120 | 5.5 | 17 | 22.5 |
| 4SK8-17 | 3 | 4 | | 705 | 557 | 1262 | 6.6 | 17.6 | 24.2 |
| 4SK8-21 | 4 | 5.5 | | 829 | 637 | 1466 | 7.8 | 20.7 | 28.5 |
| 4SK8-23 | 4 | 5.5 | | 891 | 637 | 1528 | 8.4 | 20.7 | 29.1 |
| 4SK8-32 | 5.5 | 7.5 | | 1146 | 712 | 1858 | 11 | 25.7 | 36.7 |

Performance curve (50Hz)



Performance data (50Hz)

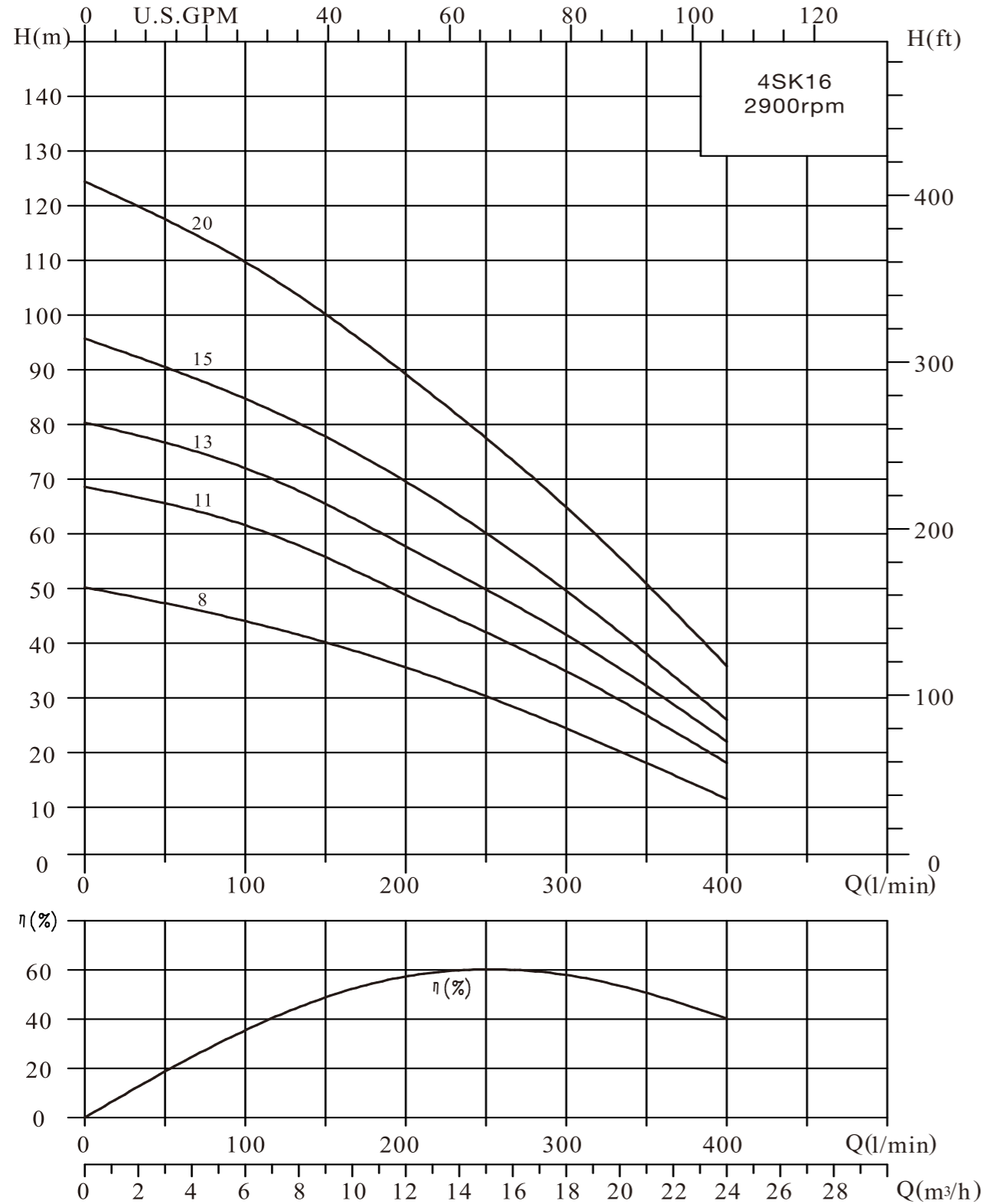
| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 9.6 | 10.8 | 12 | 13.2 | 14.4 | 15.6 |
|----------|-------|-----|---------------|---------------|-----|-----|------|-----|------|------|------|
| | kW | Hp | | | 0 | 160 | 180 | 200 | 220 | 240 | 260 |
| 4SK12-7 | 1.5 | 2 | 2" | H(m) | 45 | 31 | 28 | 25 | 22 | 18 | 14 |
| 4SK12-10 | 2.2 | 3 | | | 64 | 44 | 41 | 36 | 32 | 26 | 20 |
| 4SK12-14 | 3 | 4 | | | 89 | 62 | 56 | 49 | 43 | 35 | 29 |
| 4SK12-17 | 4 | 5.5 | | | 107 | 74 | 67 | 59 | 51 | 42 | 33 |
| 4SK12-19 | 4 | 5.5 | | | 120 | 89 | 76 | 68 | 58 | 48 | 38 |
| 4SK12-26 | 5.5 | 7.5 | | | 163 | 111 | 100 | 87 | 75 | 61 | 47 |
| 4SK12-35 | 7.5 | 10 | | | 221 | 155 | 140 | 125 | 108 | 90 | 67 |



Installation dimensions and weight (50Hz)

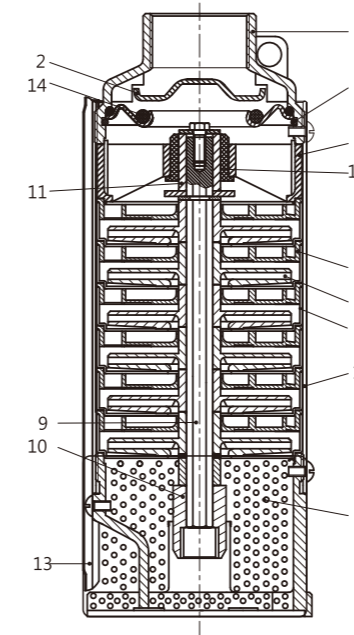
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|----------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK12-7 | 1.5 | 2 | 2" | 341 | 449 | 990 | 5.3 | 15 | 20.3 |
| 4SK12-10 | 2.2 | 3 | | 697 | 539 | 1236 | 6.7 | 17 | 23.7 |
| 4SK12-14 | 3 | 4 | | 905 | 557 | 1462 | 8.6 | 17.6 | 26.2 |
| 4SK12-17 | 4 | 5.5 | | 1060 | 637 | 1697 | 10.1 | 20.7 | 30.8 |
| 4SK12-19 | 4 | 5.5 | | 1164 | 637 | 1801 | 11 | 20.7 | 31.7 |
| 4SK12-26 | 5.5 | 7.5 | | 1603 | 712 | 2315 | 14 | 25.7 | 39.7 |
| 4SK12-35 | 7.5 | 10 | | 2070 | 847 | 2917 | 20.9 | 32.3 | 53.2 |

Performance curve (50Hz)

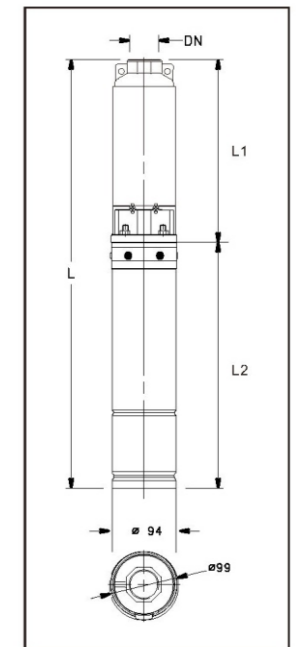


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 15.6 | 16.8 | 18 | 19.2 | 24.4 | 24 |
|----------|-------|-----|---------------|---------------|-----|------|------|-----|------|------|-----|
| | kW | Hp | | | 0 | 260 | 280 | 300 | 320 | 240 | 400 |
| 4SK16-8 | 2.2 | 3 | 2" | H(m) | 49 | 28 | 25 | 23 | 20 | 18 | 9 |
| 4SK16-10 | 3 | 4 | | | 67 | 39 | 36 | 33 | 30 | 27 | 16 |
| 4SK16-14 | 4 | 5.5 | | | 79 | 47 | 43 | 40 | 36 | 32 | 20 |
| 4SK16-15 | 4 | 5.5 | | | 93 | 55 | 51 | 47 | 43 | 39 | 25 |
| 4SK16-20 | 5.5 | 7.5 | | | 122 | 72 | 67 | 61 | 56 | 50 | 32 |
| 4SK16-28 | 7.5 | 10 | | | 151 | 92 | 85 | 78 | 70 | 62 | 40 |



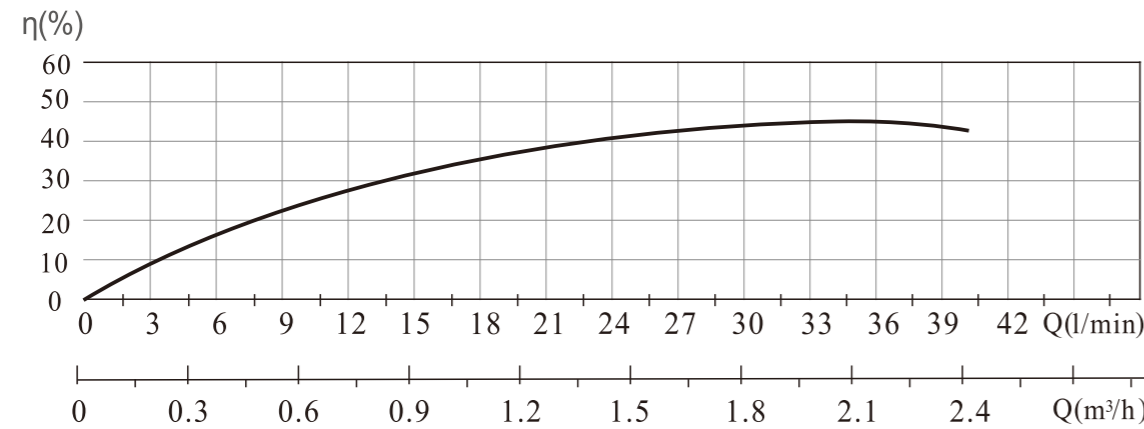
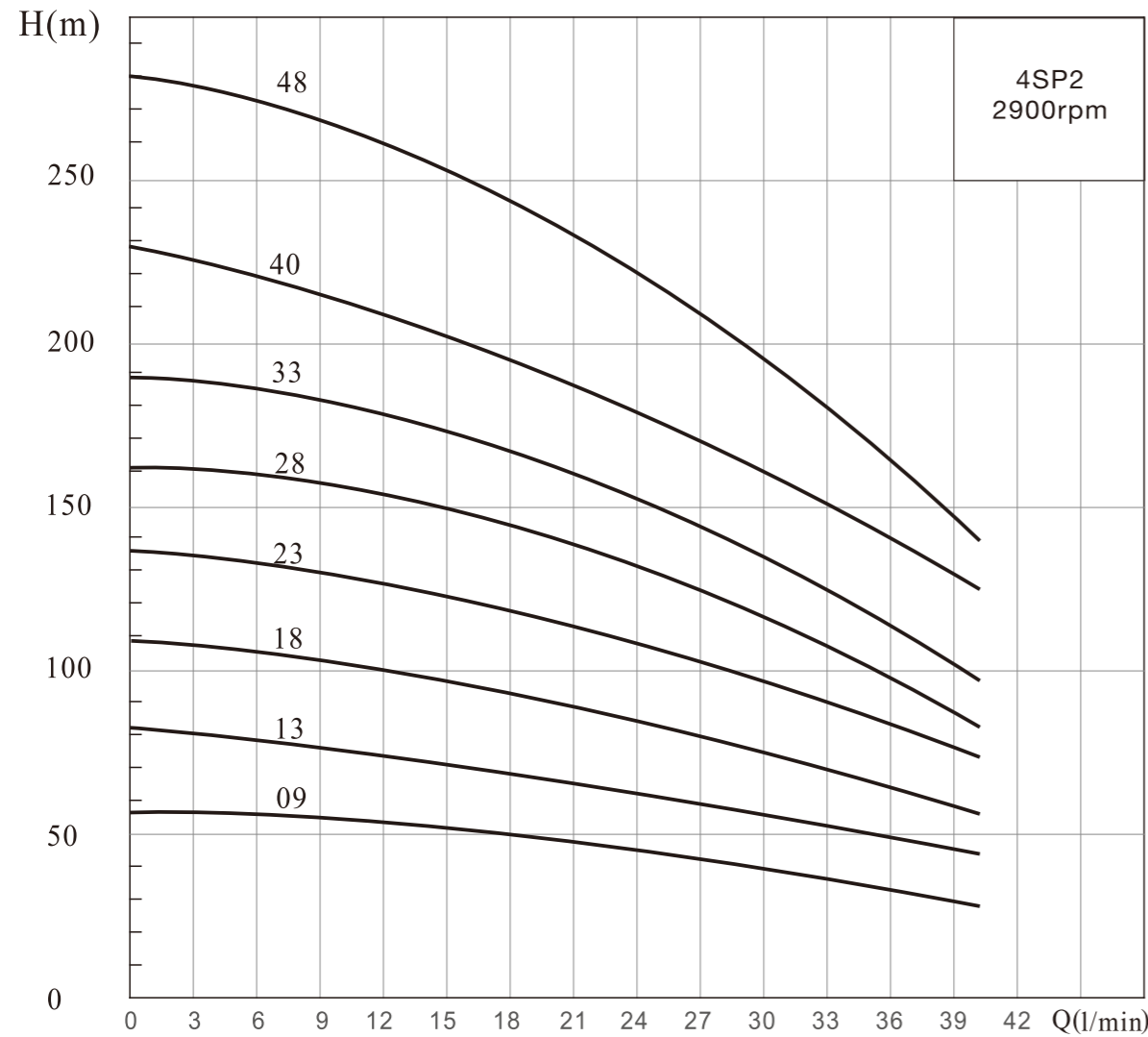
| No. | Component | Material |
|-----|----------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Check valve retainer | Stainless steel |
| 4 | Top diffuser | PC |
| 5 | Diffuser | PC |
| 6 | Wear box | Stainless steel |
| 7 | Impeller | PPO |
| 8 | Strainer | Stainless steel |
| 9 | Pump shaft | Stainless steel |
| 10 | Coupling | Stainless steel |
| 11 | Sleeve | Stainless steel |
| 12 | Cylinder | Stainless steel |
| 13 | Cable guard | Stainless steel |
| 14 | O ring | NBR |
| 15 | Bearing | Polyurethane |



Installation dimensions and weight (50Hz)

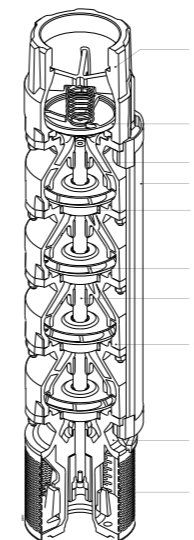
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|----------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SK16-8 | 2.2 | 3 | 2" | 720 | 539 | 1259 | 6.3 | 17 | 23.3 |
| 4SK16-10 | 3 | 4 | | 855 | 557 | 1412 | 8 | 17.6 | 25.6 |
| 4SK16-14 | 4 | 5.5 | | 1060 | 637 | 1697 | 9.3 | 20.7 | 30 |
| 4SK16-15 | 4 | 5.5 | | 1193 | 637 | 1830 | 10.5 | 20.7 | 31.2 |
| 4SK16-20 | 5.5 | 7.5 | | 1608 | 712 | 2320 | 13.5 | 25.7 | 39.2 |
| 4SK16-28 | 7.5 | 10 | | 2149 | 847 | 2996 | 21.2 | 32.3 | 53.5 |

Performance curve (50Hz)

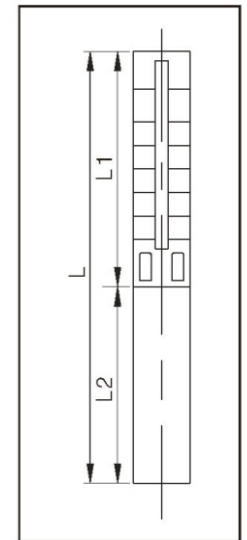


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 0.9 | 1.2 | 15 | 2.0 | 24 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 15 | 20 | 25 | 33 | 40 |
| 4SP2-9 | 0.37 | 0.5 | 1.25" | H(m) | 54 | 48 | 44 | 41 | 36 | 23 |
| 4SP2-13 | 0.55 | 0.75 | | | 79 | 69 | 64 | 60 | 52 | 39 |
| 4SP2-18 | 0.75 | 1 | | | 107 | 93 | 87 | 80 | 72 | 55 |
| 4SP2-23 | 1.1 | 1.5 | | | 135 | 120 | 111 | 103 | 92 | 73 |
| 4SP2-28 | 1.5 | 2 | | | 160 | 150 | 139 | 129 | 112 | 81 |
| 4SP2-33 | 1.5 | 2 | | | 188 | 169 | 161 | 149 | 132 | 97 |
| 4SP2-40 | 2.2 | 3 | | | 227 | 202 | 187 | 172 | 160 | 122 |
| 4SP2-48 | 2.2 | 3 | | | 282 | 254 | 235 | 215 | 192 | 142 |



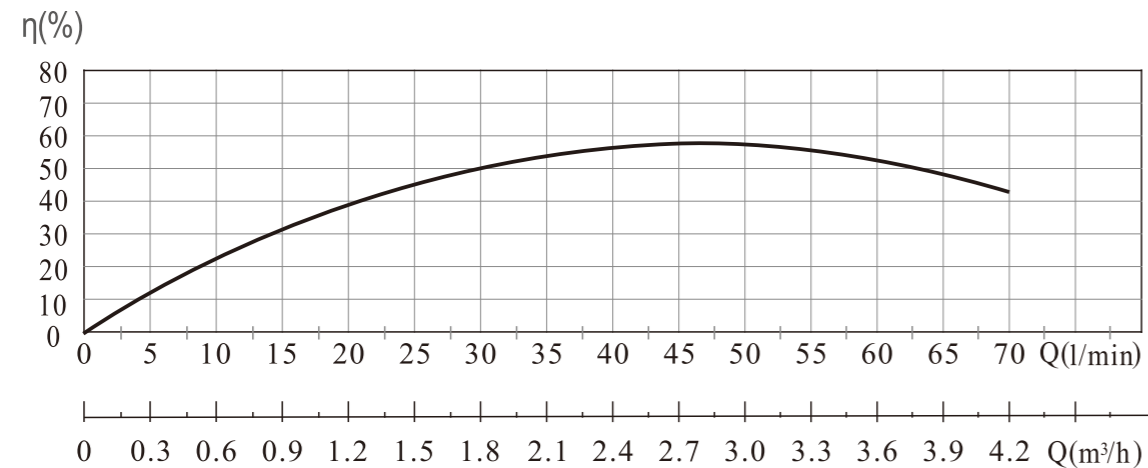
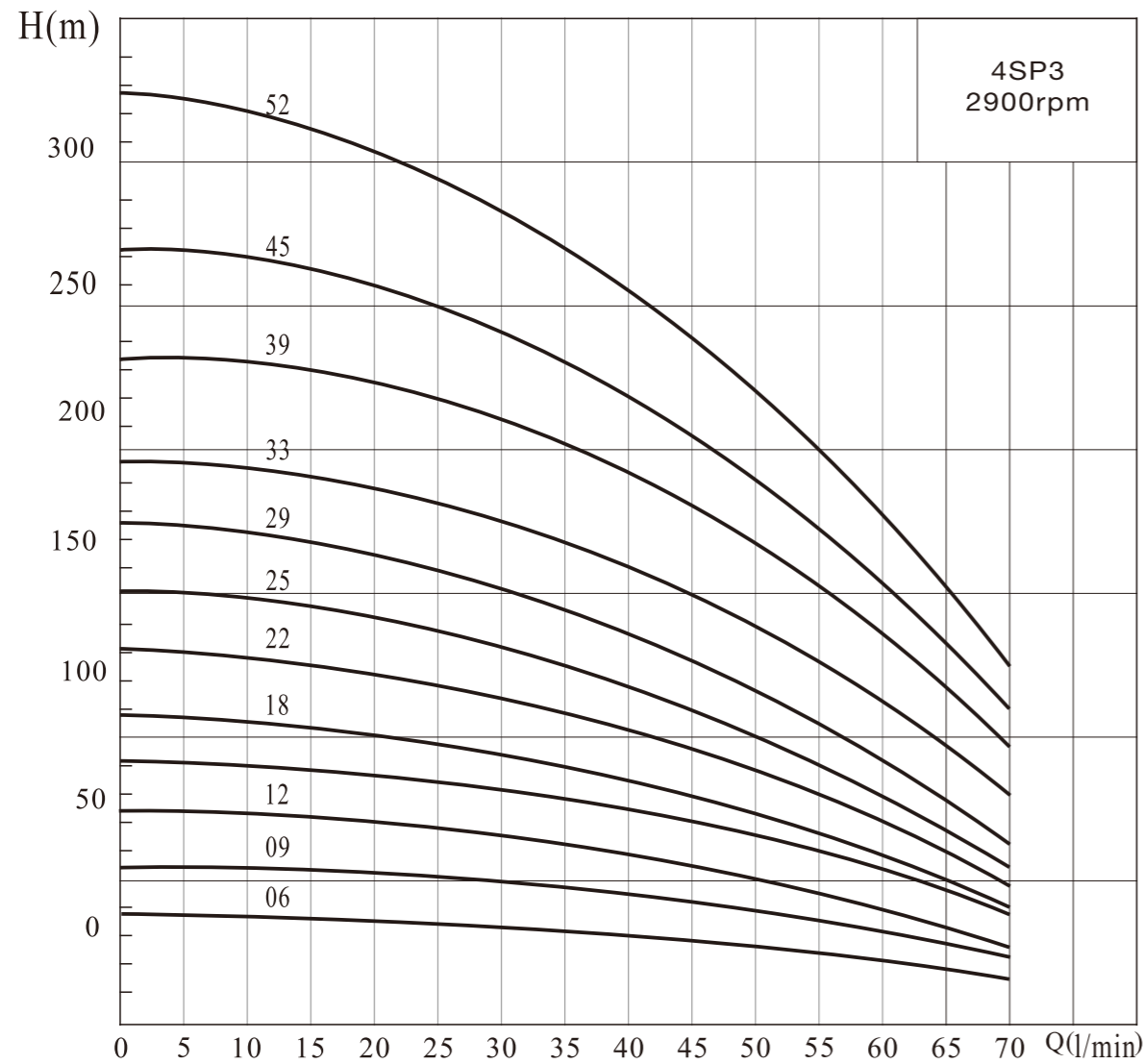
| No. | Component | Material |
|-----|-------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Pump shaft | Stainless steel |
| 4 | Diffuser | Stainless steel |
| 5 | Cable guard | Stainless steel |
| 6 | Impeller | Stainless steel |
| 7 | Strainer | Stainless steel |
| 8 | Strap | Stainless steel |
| 10 | Nut | Stainless steel |



Installation dimensions and weight (50Hz)

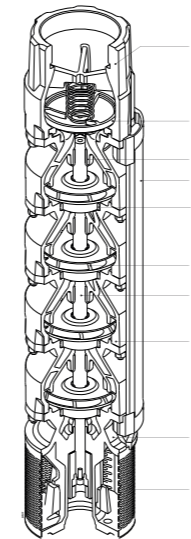
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SP2-9 | 0.37 | 0.5 | 1.25" | 337 | 324 | 661 | 3.2 | 9 | 12.2 |
| 4SP2-13 | 0.55 | 0.75 | | 420 | 344 | 764 | 4 | 9.8 | 13.8 |
| 4SP2-18 | 0.75 | 1 | | 526 | 369 | 895 | 5.1 | 11 | 16.1 |
| 4SP2-23 | 1.1 | 1.5 | | 631 | 404 | 1035 | 6.2 | 13 | 19.2 |
| 4SP2-28 | 1.5 | 2 | | 736 | 449 | 1185 | 7 | 15 | 22 |
| 4SP2-33 | 1.5 | 2 | | 841 | 449 | 1332 | 8.1 | 15 | 23.1 |
| 4SP2-40 | 2.2 | 3 | | 988 | 539 | 1290 | 10.4 | 17 | 27.4 |
| 4SP2-48 | 2.2 | 3 | | 1156 | 539 | 1695 | 11 | 17 | 28 |

Performance curve (50Hz)

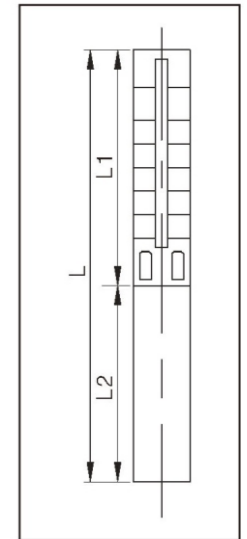


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 2.1 | 2.4 | 3.0 | 3.6 | 4.2 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 35 | 40 | 50 | 60 | 70 |
| 4SP3-6 | 0.37 | 0.5 | 1.25" | H(m) | 37 | 31 | 29 | 25 | 21 | 16 |
| 4SP3-9 | 0.55 | 0.75 | | | 55 | 48 | 44 | 38 | 31 | 23 |
| 4SP3-12 | 0.75 | 1 | | | 74 | 63 | 58 | 51 | 40 | 26 |
| 4SP3-15 | 1.1 | 1.5 | | | 92 | 80 | 77 | 64 | 47 | 40 |
| 4SP3-18 | 1.1 | 1.5 | | | 108 | 89 | 82 | 77 | 57 | 41 |
| 4SP3-22 | 1.5 | 2 | | | 131 | 111 | 101 | 94 | 72 | 49 |
| 4SP3-25 | 1.5 | 2 | | | 151 | 126 | 115 | 107 | 78 | 53 |
| 4SP3-29 | 2.2 | 3 | | | 177 | 148 | 138 | 124 | 92 | 62 |
| 4SP3-33 | 2.2 | 3 | | | 198 | 172 | 164 | 141 | 118 | 80 |
| 4SP3-39 | 3 | 4 | | | 232 | 204 | 195 | 167 | 138 | 94 |
| 4SP3-45 | 3 | 4 | | | 272 | 233 | 224 | 194 | 162 | 110 |
| 4SP3-52 | 4 | 5.5 | 328 | 272 | 261 | 224 | 184 | 123 | | |



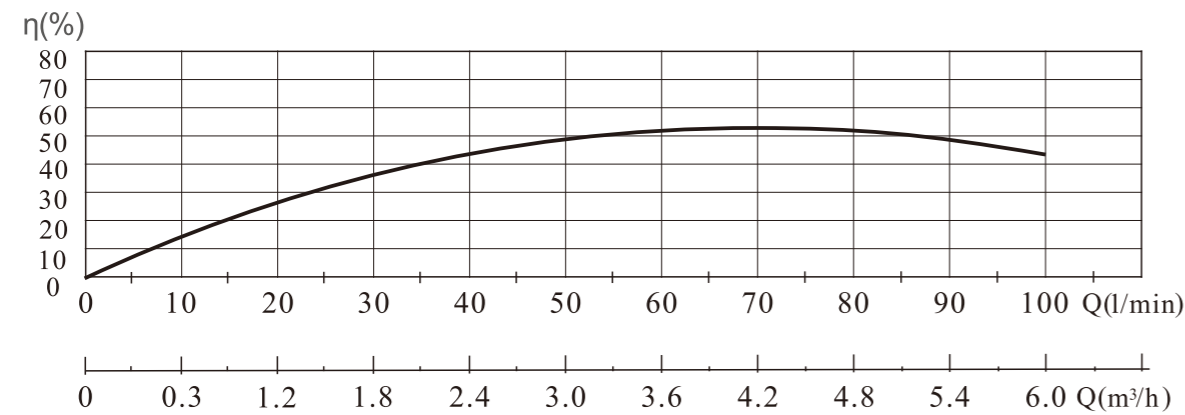
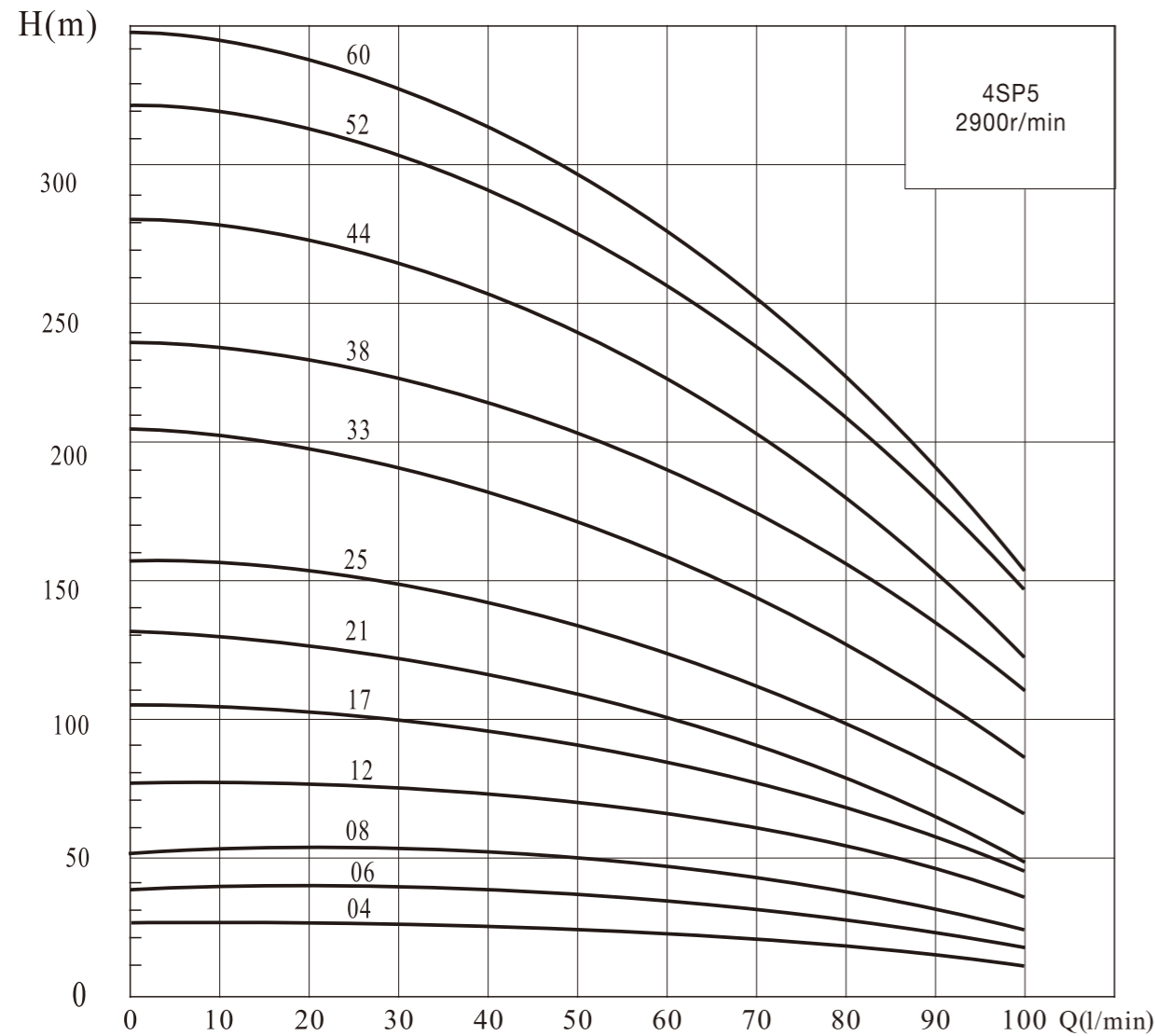
| No. | Component | Material |
|-----|-------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Pump shaft | Stainless steel |
| 4 | Diffuser | Stainless steel |
| 5 | Cable guard | Stainless steel |
| 6 | Impeller | Stainless steel |
| 7 | Strainer | Stainless steel |
| 8 | Strap | Stainless steel |
| 10 | Nut | Stainless steel |



Installation dimensions and weight (50Hz)

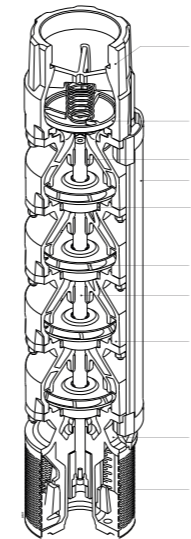
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SP3-6 | 0.37 | 0.5 | 1.25" | 274 | 324 | 598 | 2.6 | 9 | 11.6 |
| 4SP3-9 | 0.55 | 0.75 | | 337 | 344 | 681 | 3.1 | 9.8 | 12.9 |
| 4SP3-12 | 0.75 | 1 | | 400 | 369 | 769 | 3.7 | 11 | 14.7 |
| 4SP3-15 | 1.1 | 1.5 | | 463 | 404 | 867 | 4.2 | 13 | 17.2 |
| 4SP3-18 | 1.1 | 1.5 | | 526 | 404 | 930 | 4.9 | 13 | 17.9 |
| 4SP3-22 | 1.5 | 2 | | 610 | 449 | 1059 | 5.4 | 15 | 20.4 |
| 4SP3-25 | 1.5 | 2 | | 673 | 449 | 1122 | 6 | 15 | 21 |
| 4SP3-29 | 2.2 | 3 | | 757 | 539 | 1296 | 6.9 | 17 | 23.9 |
| 4SP3-33 | 2.2 | 3 | | 841 | 539 | 1380 | 7.9 | 17 | 24.9 |
| 4SP3-39 | 3 | 4 | | 967 | 557 | 1524 | 9.2 | 17.6 | 26.8 |
| 4SP3-45 | 3 | 4 | | 1093 | 557 | 1650 | 10.4 | 17.6 | 28 |
| 4SP3-52 | 4 | 5.5 | 1240 | 637 | 1877 | 11.8 | 20.7 | 32.5 | |

Performance curve (50Hz)

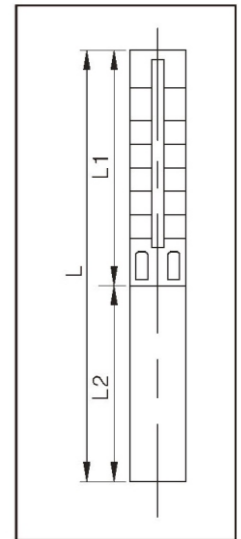


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 3 | 3.6 | 4.2 | 5 | 6 |
|---------|-------|------|---------------|---------------|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 50 | 60 | 70 | 83 | 100 |
| 4SP5-4 | 0.37 | 0.5 | 1.5" | H(m) | 25 | 20 | 19 | 17 | 16 | 10 |
| 4SP5-6 | 0.55 | 0.75 | | | 38 | 31 | 29 | 27 | 24 | 18 |
| 4SP5-8 | 0.75 | 1 | | | 51 | 42 | 39 | 37 | 32 | 24 |
| 4SP5-12 | 1.1 | 1.5 | | | 76 | 61 | 58 | 53 | 48 | 34 |
| 4SP5-17 | 1.5 | 2 | | | 105 | 82 | 79 | 74 | 68 | 46 |
| 4SP5-21 | 2.2 | 3 | | | 131 | 103 | 99 | 93 | 84 | 58 |
| 4SP5-25 | 2.2 | 3 | | | 156 | 125 | 118 | 110 | 100 | 66 |
| 4SP5-33 | 3 | 4 | | | 205 | 166 | 156 | 147 | 132 | 86 |
| 4SP5-38 | 4 | 5.5 | | | 237 | 195 | 184 | 173 | 152 | 110 |
| 4SP5-44 | 4 | 5.5 | | | 281 | 221 | 210 | 195 | 176 | 121 |
| 4SP5-52 | 5.5 | 7.5 | | | 321 | 261 | 247 | 233 | 208 | 147 |
| 4SP5-60 | 5.5 | 7.5 | | | 349 | 294 | 276 | 256 | 240 | 155 |



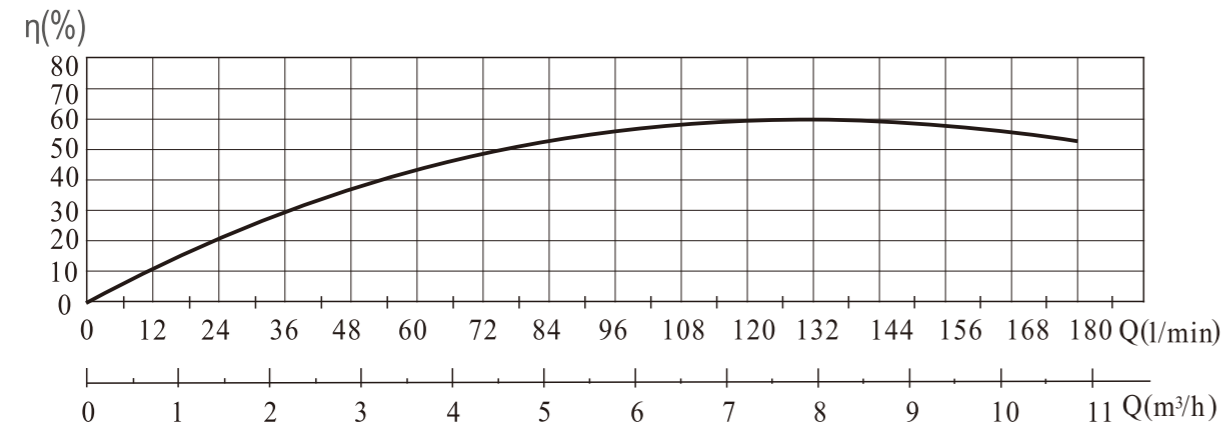
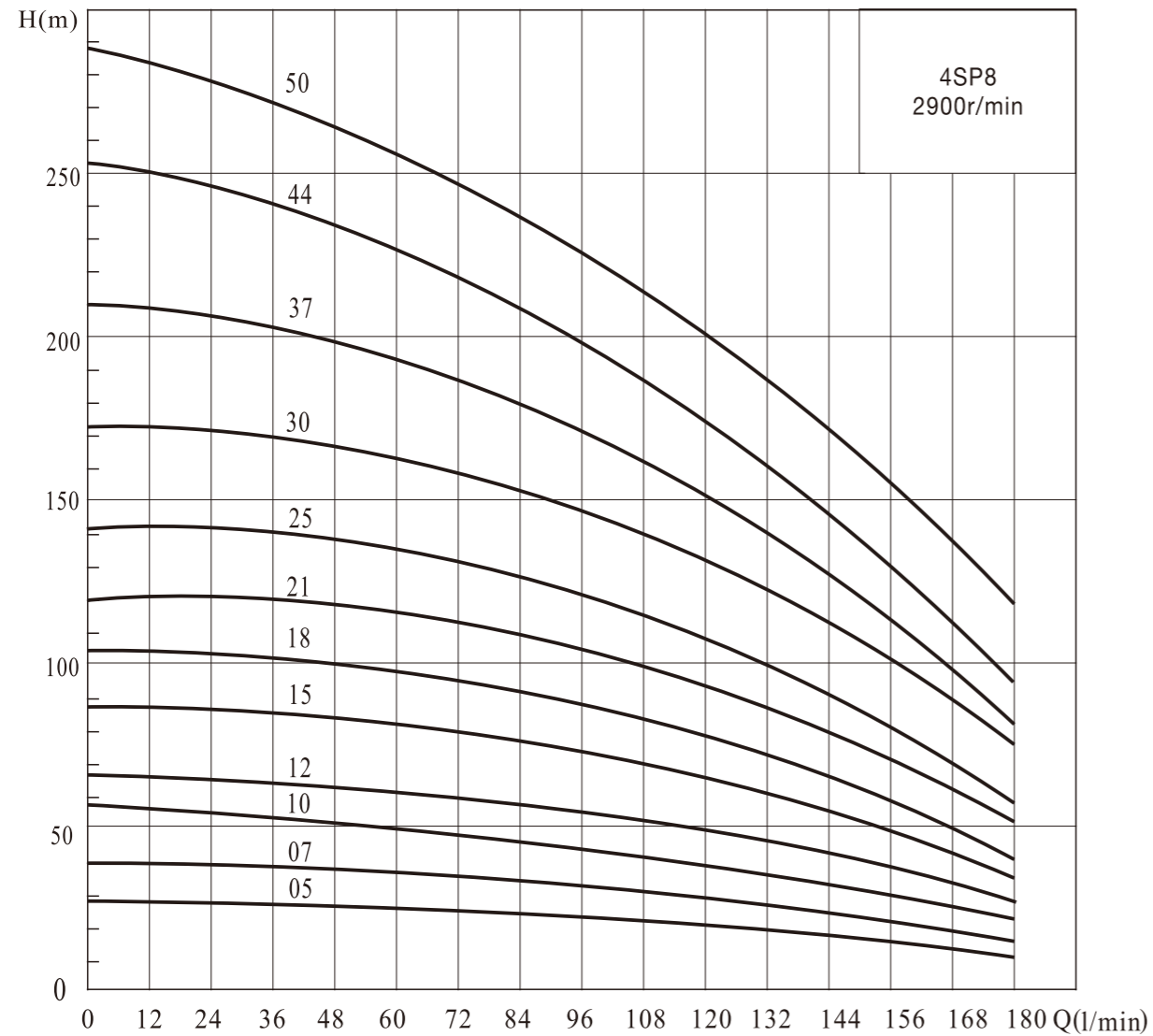
| No. | Component | Material |
|-----|-------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Pump shaft | Stainless steel |
| 4 | Diffuser | Stainless steel |
| 5 | Cable guard | Stainless steel |
| 6 | Impeller | Stainless steel |
| 7 | Strainer | Stainless steel |
| 8 | Strap | Stainless steel |
| 10 | Nut | Stainless steel |



Installation dimensions and weight (50Hz)

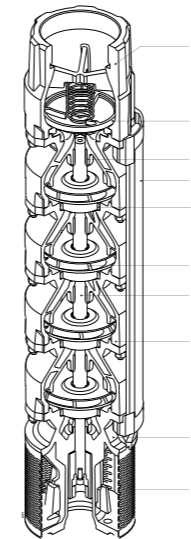
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|------|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SP5-4 | 0.37 | 0.5 | 1.5" | 232 | 324 | 556 | 2.2 | 9 | 11.2 |
| 4SP5-6 | 0.55 | 0.75 | | 274 | 344 | 618 | 2.3 | 9.8 | 12.1 |
| 4SP5-8 | 0.75 | 1 | | 316 | 369 | 685 | 2.9 | 11 | 13.9 |
| 4SP5-12 | 1.1 | 1.5 | | 400 | 404 | 804 | 3.7 | 13 | 16.7 |
| 4SP5-17 | 1.5 | 2 | | 505 | 449 | 954 | 4.7 | 15 | 19.7 |
| 4SP5-21 | 2.2 | 3 | | 589 | 539 | 1128 | 5.3 | 17 | 22.3 |
| 4SP5-25 | 2.2 | 3 | | 673 | 539 | 1212 | 7.2 | 17 | 24.2 |
| 4SP5-33 | 3 | 4 | | 841 | 557 | 1398 | 7.8 | 17.6 | 25.4 |
| 4SP5-38 | 4 | 5.5 | | 946 | 637 | 1583 | 9.7 | 20.7 | 30.4 |
| 4SP5-44 | 4 | 5.5 | | 1072 | 637 | 1709 | 11 | 20.7 | 31.7 |
| 4SP5-52 | 5.5 | 7.5 | | 1240 | 712 | 1952 | 13.2 | 25.7 | 38.9 |
| 4SP5-60 | 5.5 | 7.5 | | 1408 | 712 | 2120 | 15.4 | 25.7 | 41.1 |

Performance curve (50Hz)

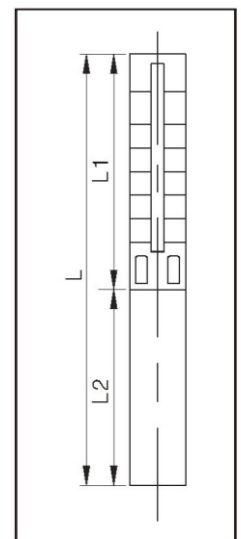


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m³/h l/min | 0 | 3.6 | 4.8 | 8.0 | 9.6 | 10.8 |
|---------|-------|-----|---------------|---------------|------|------|------|------|------|------|
| | kW | Hp | | | H(m) | H(m) | H(m) | H(m) | H(m) | H(m) |
| 4SP8-5 | 0.75 | 1 | 2" | H(m) | 29 | 25 | 24 | 21 | 16 | 12 |
| 4SP8-7 | 1.1 | 1.5 | | | 40 | 35 | 33 | 30 | 21 | 16 |
| 4SP8-10 | 1.5 | 2 | | | 58 | 49 | 47 | 43 | 31 | 23 |
| 4SP8-12 | 2.2 | 3 | | | 67 | 58 | 55 | 51 | 38 | 29 |
| 4SP8-15 | 2.2 | 3 | | | 87 | 74 | 69 | 64 | 46 | 39 |
| 4SP8-18 | 3 | 4 | | | 103 | 88 | 83 | 77 | 54 | 41 |
| 4SP8-21 | 4 | 5.5 | | | 120 | 103 | 97 | 90 | 67 | 51 |
| 4SP8-25 | 4 | 5.5 | | | 142 | 125 | 118 | 107 | 77 | 57 |
| 4SP8-30 | 5.5 | 7.5 | | | 172 | 153 | 144 | 129 | 100 | 76 |
| 4SP8-37 | 5.5 | 7.5 | | | 210 | 175 | 165 | 159 | 105 | 82 |
| 4SP8-44 | 7.5 | 10 | | | 251 | 215 | 204 | 189 | 135 | 95 |
| 4SP8-50 | 7.5 | 10 | | | 288 | 254 | 242 | 215 | 168 | 129 |



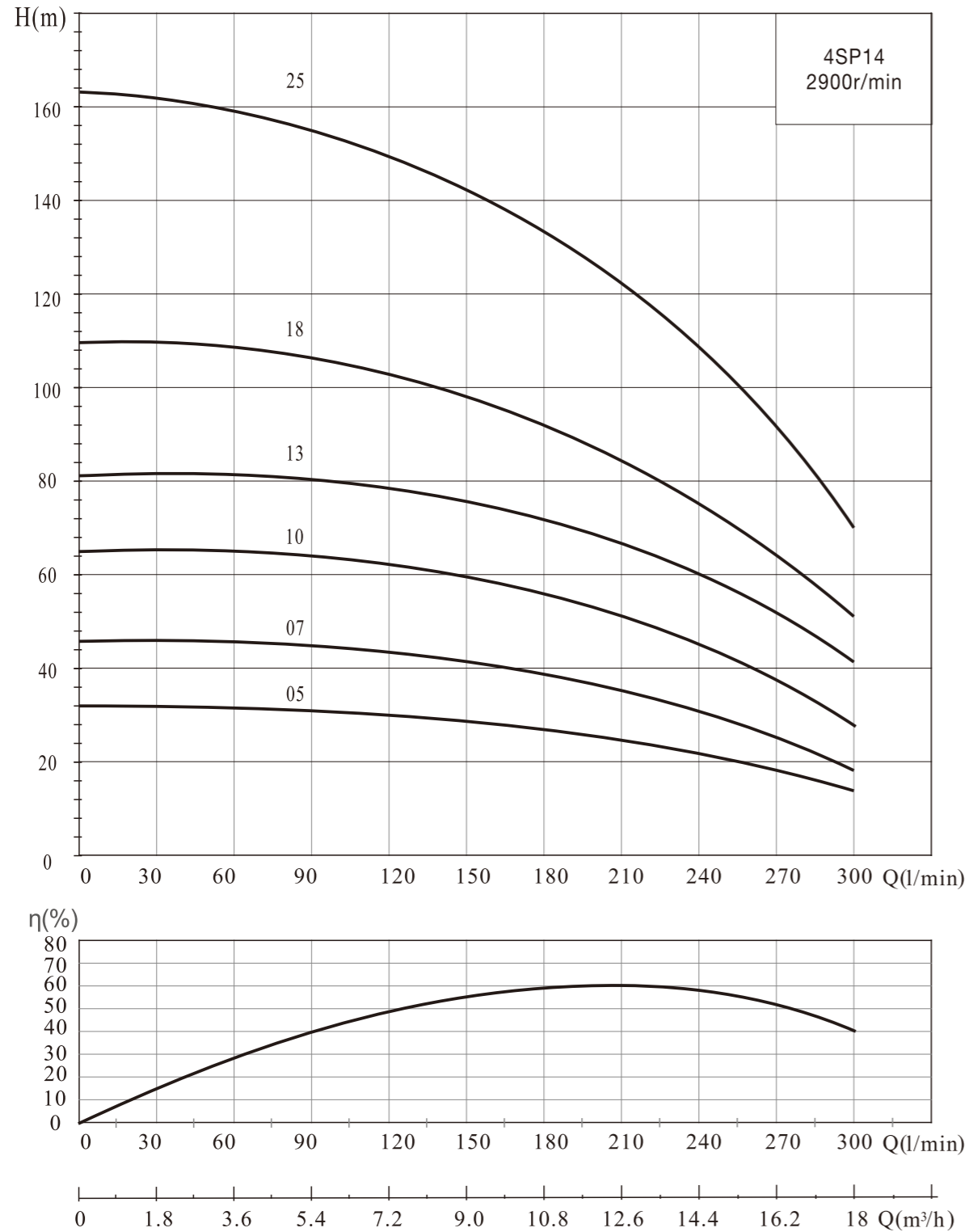
| No. | Component | Material |
|-----|-------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Pump shaft | Stainless steel |
| 4 | Diffuser | Stainless steel |
| 5 | Cable guard | Stainless steel |
| 6 | Impeller | Stainless steel |
| 7 | Strainer | Stainless steel |
| 8 | Strap | Stainless steel |
| 10 | Nut | Stainless steel |



Installation dimensions and weight (50Hz)

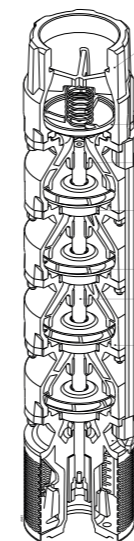
| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|---------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SP8-5 | 0.75 | 1 | 2" | 289 | 369 | 658 | 4.1 | 11 | 15.1 |
| 4SP8-7 | 1.1 | 1.5 | | 349 | 404 | 753 | 5.1 | 13 | 18.1 |
| 4SP8-10 | 1.5 | 2 | | 439 | 449 | 888 | 6.6 | 15 | 21.6 |
| 4SP8-12 | 2.2 | 3 | | 499 | 539 | 1038 | 7.6 | 17 | 24.6 |
| 4SP8-15 | 2.2 | 3 | | 589 | 539 | 1128 | 9.1 | 17 | 26.1 |
| 4SP8-18 | 3 | 4 | | 679 | 557 | 1236 | 10.6 | 17.6 | 28.2 |
| 4SP8-21 | 4 | 5.5 | | 769 | 637 | 1406 | 12.1 | 20.7 | 32.8 |
| 4SP8-25 | 4 | 5.5 | | 889 | 637 | 1526 | 14.1 | 20.7 | 34.8 |
| 4SP8-30 | 5.5 | 7.5 | | 1039 | 712 | 1751 | 16.6 | 25.7 | 42.3 |
| 4SP8-37 | 5.5 | 7.5 | | 1249 | 712 | 1961 | 20.1 | 25.7 | 45.8 |
| 4SP8-44 | 7.5 | 10 | | 1459 | 847 | 2306 | 23.6 | 32.3 | 55.9 |
| 4SP8-50 | 7.5 | 10 | | 1639 | 847 | 2486 | 26.6 | 32.3 | 58.9 |

Performance curve (50Hz)

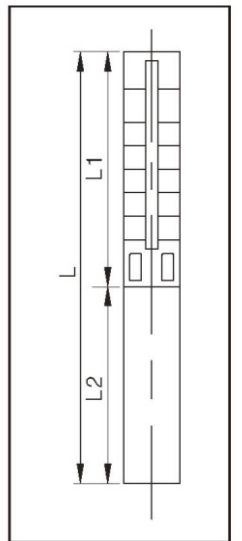


Performance data (50Hz)

| Model | Power | | Outlet (inch) | m ³ /h l/min | 0 | 6 | 8.4 | 12 | 14 | 18 |
|----------|-------|-----|---------------|----------------------------|-----|-----|-----|-----|-----|-----|
| | kW | Hp | | | 0 | 100 | 140 | 200 | 233 | 300 |
| 4SP14-5 | 1.5 | 2 | 2" | H(m) | 33 | 30 | 29 | 25 | 22 | 14 |
| 4SP14-7 | 2.2 | 3 | | | 45 | 43 | 41 | 36 | 30 | 19 |
| 4SP14-10 | 3 | 4 | | | 65 | 61 | 58 | 51 | 44 | 28 |
| 4SP14-13 | 4 | 5.5 | | | 81 | 73 | 69 | 63 | 57 | 41 |
| 4SP14-18 | 5.5 | 7.5 | | | 112 | 98 | 93 | 84 | 79 | 53 |
| 4SP14-25 | 7.5 | 10 | | | 164 | 150 | 140 | 120 | 110 | 70 |



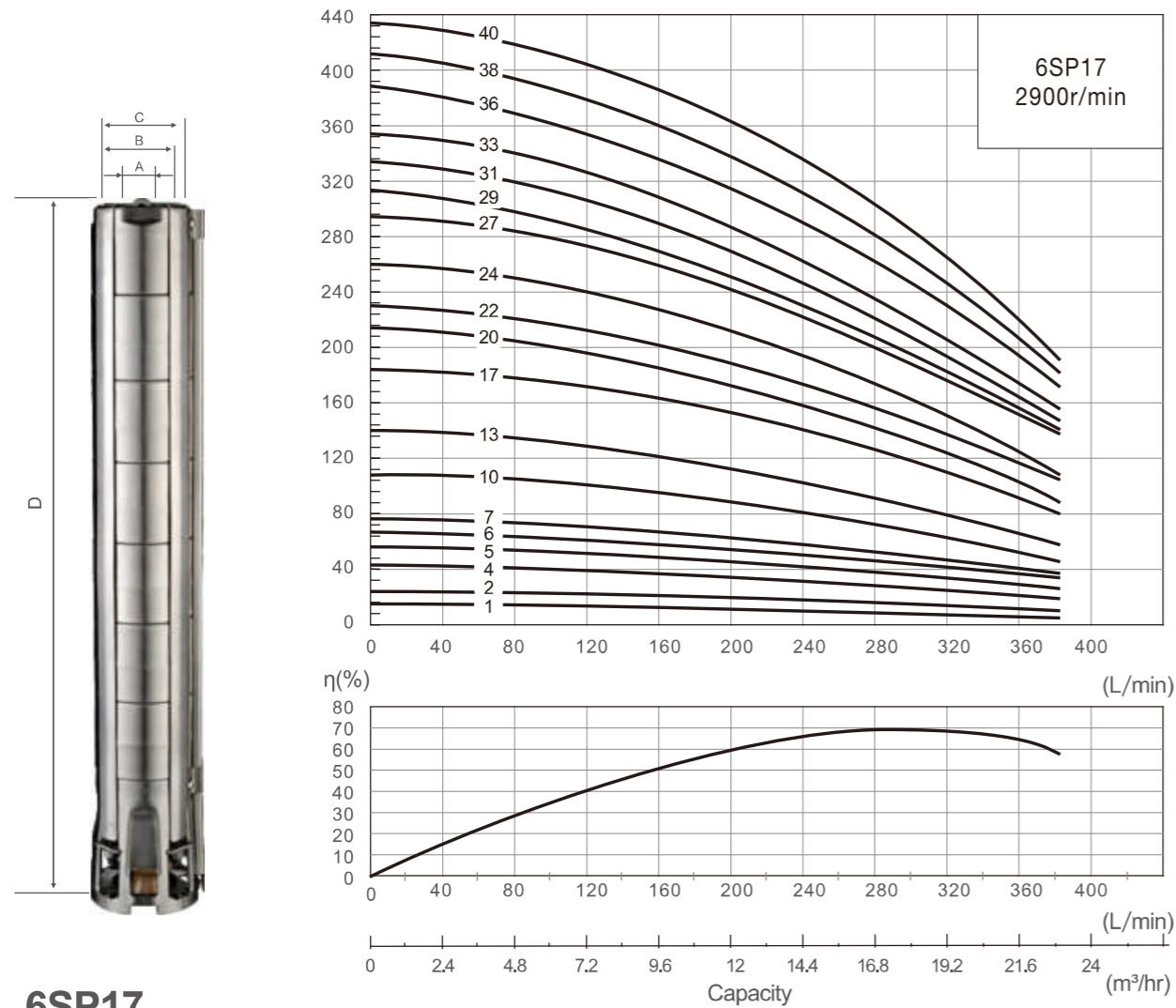
| No. | Component | Material |
|-----|-------------------|-----------------|
| 1 | Discharge chamber | Stainless steel |
| 2 | Check valve | Stainless steel |
| 3 | Pump shaft | Stainless steel |
| 4 | Diffuser | Stainless steel |
| 5 | Cable guard | Stainless steel |
| 6 | Impeller | Stainless steel |
| 7 | Strainer | Stainless steel |
| 8 | Strap | Stainless steel |
| 10 | Nut | Stainless steel |



Installation dimensions and weight (50Hz)

| Model | Power | | Outlet (inch) | Dimensions(mm) | | | Weight(kg) | | |
|----------|-------|-----|---------------|----------------|-----------|------------------|------------|-------|---------------|
| | kW | Hp | | Pump(L1) | Motor(L2) | Electric Pump(L) | Pump | Motor | Electric Pump |
| 4SP14-5 | 1.5 | 2 | 2" | 349 | 449 | 798 | 4.1 | 15 | 19.1 |
| 4SP14-7 | 2.2 | 3 | | 433 | 539 | 972 | 4.8 | 17 | 21.8 |
| 4SP14-10 | 3 | 4 | | 559 | 557 | 1116 | 6.1 | 17.6 | 23.7 |
| 4SP14-13 | 4 | 5.5 | | 598 | 637 | 1235 | 8.9 | 20.7 | 29.6 |
| 4SP14-18 | 5.5 | 7.5 | | 859 | 712 | 1571 | 10 | 25.7 | 35.7 |
| 4SP14-25 | 7.5 | 10 | | 1189 | 847 | 1036 | 13 | 32.3 | 45.3 |

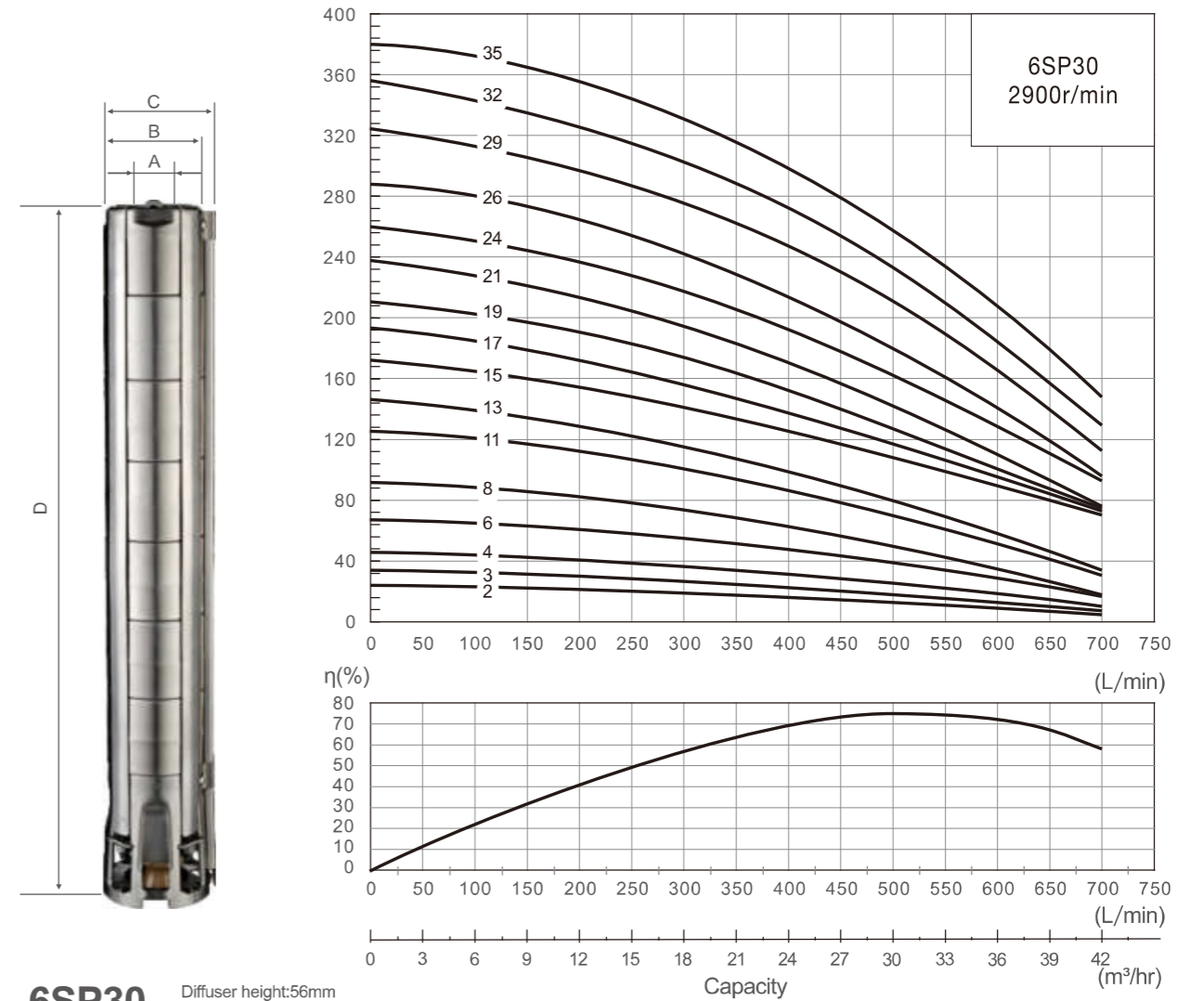
Performance curve (50Hz)



6SP17

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | m³/h | | | | | |
|----------|----------------|-------|-----|------|-------------|-------|------|--------|-------|-----|-----|-----|-----|-----|
| | A | B | C | D | | kW | Hp | | l/min | | | | | |
| | | | | | | | | | 0 | 1 | 15 | 17 | 21 | 23 |
| 6SP17-01 | 2.5" | 121.3 | 135 | 313 | 3.71 | 0.55 | 0.75 | 8 | 0 | 200 | 250 | 283 | 350 | 383 |
| 6SP17-02 | | | | 17 | 13 | 10 | 8 | 7 | 6 | | | | | |
| 6SP17-04 | | | | 24 | 20 | 18 | 16 | 13 | 11 | | | | | |
| 6SP17-05 | | | | 42 | 36 | 32 | 32 | 22 | 18 | | | | | |
| 6SP17-06 | | | | 56 | 47 | 41 | 41 | 29 | 25 | | | | | |
| 6SP17-07 | | | | 58 | 49 | 49 | 49 | 41 | 35 | | | | | |
| 6SP17-07 | | | | 607 | 9.89 | 4 | 5.5 | 57 | 75 | 66 | 59 | 57 | 45 | 37 |
| 6SP17-10 | | | | 754 | 13.00 | 5.5 | 7.5 | 82 | 108 | 96 | 86 | 82 | 61 | 47 |
| 6SP17-13 | | | | 901 | 16.09 | 7.5 | 10 | 106 | 141 | 137 | 109 | 106 | 70 | 57 |
| 6SP17-17 | | | | 1097 | 20.21 | 9.2 | 12.5 | 139 | 184 | 163 | 147 | 139 | 100 | 80 |
| 6SP17-20 | | | | 1244 | 23.30 | 11 | 15 | 164 | 214 | 180 | 163 | 164 | 106 | 88 |
| 6SP17-22 | | | | 1342 | 25.36 | 13 | 17.5 | 180 | 239 | 212 | 190 | 180 | 129 | 105 |
| 6SP17-24 | | | | 1440 | 27.42 | 13 | 17.5 | 196 | 260 | 230 | 208 | 196 | 140 | 115 |
| 6SP17-27 | | | | 1587 | 30.51 | 15 | 20 | 221 | 298 | 258 | 242 | 221 | 179 | 140 |
| 6SP17-29 | | | | 1685 | 32.57 | 18.5 | 25 | 237 | 314 | 279 | 250 | 237 | 170 | 146 |
| 6SP17-31 | | | | 1783 | 34.63 | 18.5 | 25 | 254 | 335 | 298 | 269 | 254 | 181 | 148 |
| 6SP17-33 | | | | 1881 | 36.69 | 18.5 | 25 | 270 | 355 | 315 | 285 | 270 | 191 | 157 |
| 6SP17-36 | | | | 2028 | 39.78 | 22 | 30 | 295 | 390 | 348 | 313 | 295 | 210 | 170 |
| 6SP17-38 | | | | 2126 | 41.84 | 22 | 30 | 311 | 410 | 365 | 330 | 311 | 222 | 180 |
| 6SP17-40 | | | | 2224 | 43.90 | 22 | 30 | 328 | 433 | 384 | 346 | 328 | 235 | 190 |

Performance date (50Hz)

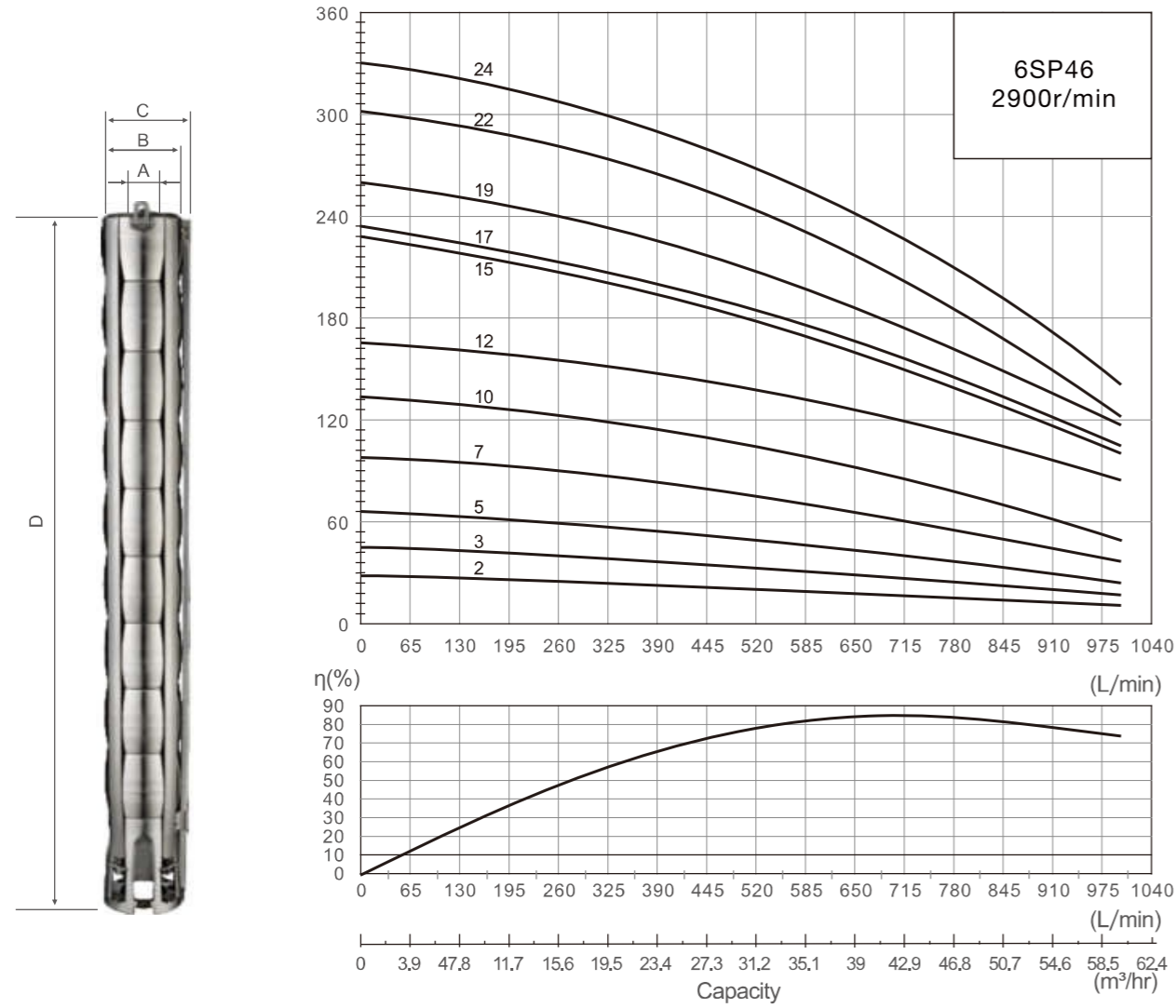


6SP30

Diffuser height:56mm
Diffuser height:96mm

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | m³/h | | | | | |
|----------|----------------|-------|-----|-----|-------------|-------|-----|--------|-------|----|----|----|----|----|
| | A | B | C | D | | kW | Hp | | l/min | | | | | |
| | | | | | | | | | 0 | 18 | 24 | 30 | 36 | 42 |
| 6SP30-02 | 3" | 121.3 | 135 | 458 | 7.1 | 2.2 | 3 | 15 | 24 | 19 | 17 | 15 | 11 | 6 |
| 6SP30-03 | | | | 34 | 28 | 25 | 23 | 15 | 7 | | | | | |
| 6SP30-04 | | | | 46 | 37 | 33 | 31 | 19 | 11 | | | | | |
| 6SP30-06 | | | | 67 | 56 | 50 | 47 | 30 | 17 | | | | | |
| 6SP30-08 | | | | 90 | 73 | 65 | 62 | 41 | 18 | | | | | |
| 6SP30-11 | | | | 125 | 102 | 90 | 86 | 50 | 30 | | | | | |
| 6SP30-13 | | | | 146 | 118 | 105 | 102 | 62 | 35 | | | | | |
| 6SP30-15 | | | | 173 | 141 | 127 | 117 | 73 | 70 | | | | | |
| 6SP30-17 | | | | 194 | 158 | 140 | 133 | 85 | 73 | | | | | |
| 6SP30-19 | | | | 210 | 182 | 161 | 149 | 101 | 77 | | | | | |
| 6SP30-21 | | | | 238 | 193 | 170 | 165 | 110 | 78 | | | | | |
| 6SP30-24 | | | | 260 | 230 | 207 | 188 | 136 | 90 | | | | | |
| 6SP30-26 | | | | 288 | 238 | 213 | 204 | 147 | 93 | | | | | |
| 6SP30-29 | | | | 325 | 287 | 257 | 227 | 170 | 113 | | | | | |
| 6SP30-32 | | | | 358 | 313 | 281 | 251 | 190 | 130 | | | | | |
| 6SP30-35 | | | | 388 | 346 | 311 | 275 | 211 | 148 | | | | | |

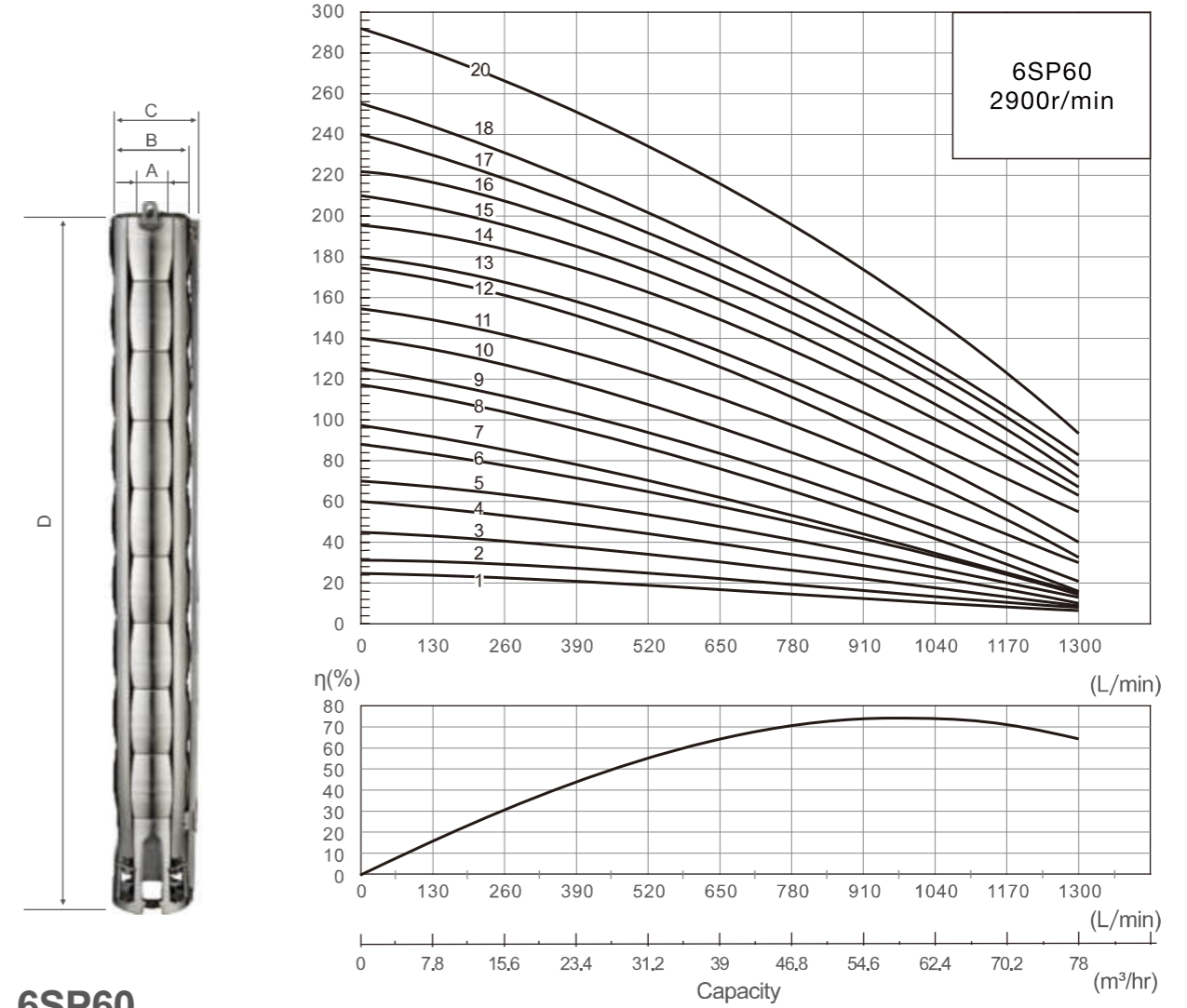
Performance curve (50Hz)



6SP46

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | Capacity | | | | | |
|----------|----------------|-------|-----|------|-------------|-------|-----|--------|----------|-----|-----|-----|-----|-----|
| | A | B | C | D | | kW | Hp | | m³/h | | | | | |
| | | | | | | | | | 0 | 15 | 24 | 30 | 46 | 60 |
| 6SP46-02 | 4" | 132 | 152 | 496 | 7.64 | 3 | 4 | 17 | 28 | 27 | 24 | 22 | 17 | 10 |
| 6SP46-03 | | | | 609 | 10.14 | 5.5 | 7.5 | 26 | 44 | 41 | 39 | 36 | 26 | 17 |
| 6SP46-05 | | | | 835 | 15.14 | 7.5 | 10 | 44 | 66 | 64 | 55 | 53 | 44 | 24 |
| 6SP46-07 | | | | 1061 | 20.14 | 11 | 15 | 61 | 98 | 86 | 85 | 80 | 61 | 37 |
| 6SP46-10 | | | | 1400 | 27.64 | 15 | 20 | 88 | 137 | 134 | 117 | 107 | 88 | 50 |
| 6SP46-12 | | | | 1626 | 32.64 | 18.5 | 25 | 105 | 165 | 162 | 142 | 130 | 105 | 85 |
| 6SP46-15 | | | | 1965 | 40.14 | 22 | 30 | 132 | 212 | 208 | 180 | 167 | 132 | 100 |
| 6SP46-17 | | | | 2191 | 45.14 | 26 | 35 | 149 | 234 | 222 | 200 | 186 | 149 | 105 |
| 6SP46-19 | | | | 2417 | 50.14 | 30 | 40 | 167 | 260 | 248 | 224 | 208 | 167 | 118 |
| 6SP46-22 | | | | 2756 | 57.67 | 37 | 50 | 193 | 302 | 288 | 260 | 241 | 193 | 123 |
| 6SP46-24 | 2982 | 62.64 | 37 | 50 | 211 | 330 | 317 | 287 | 265 | 211 | 140 | | | |

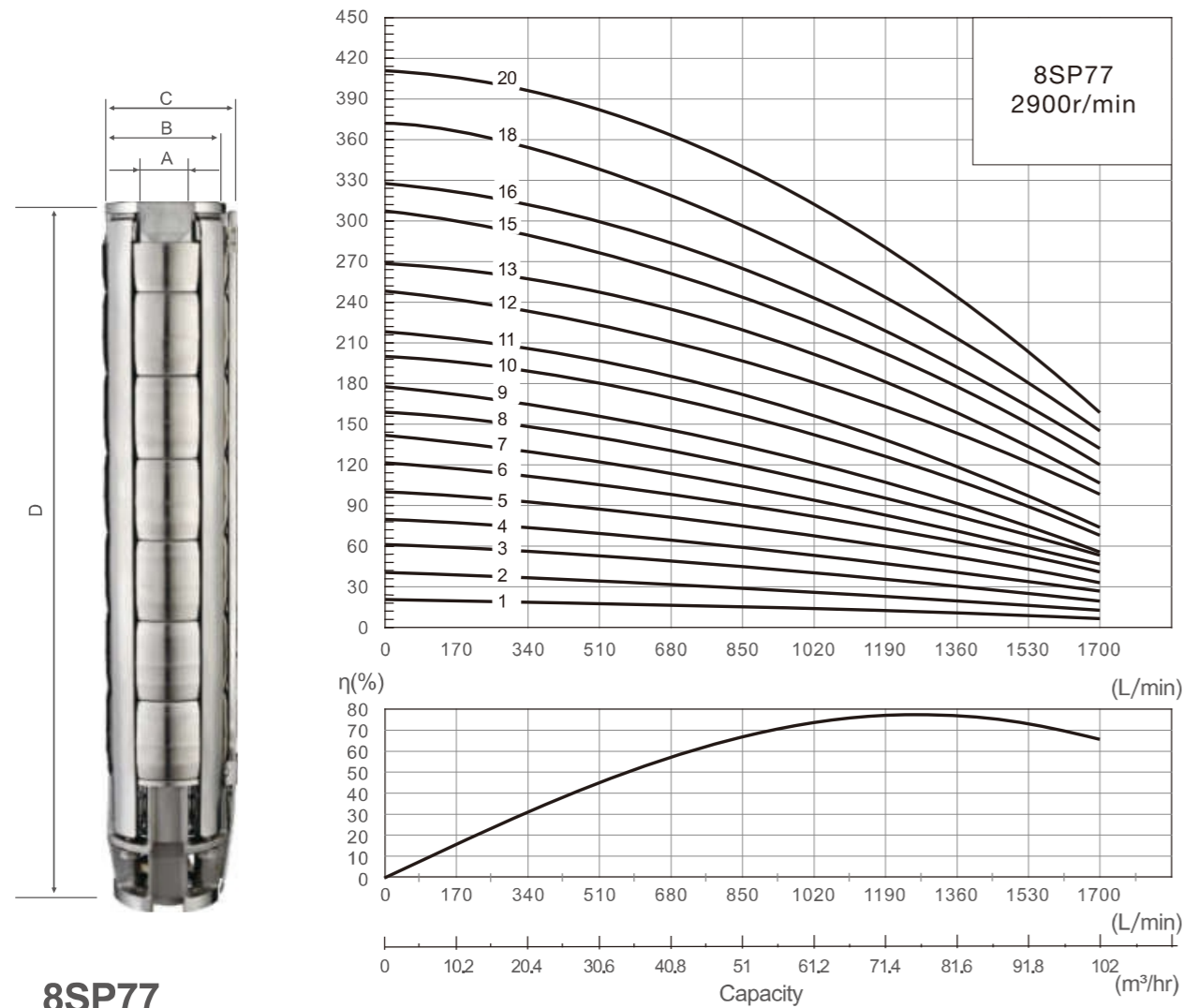
Performance date (50Hz)



6SP60

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | Capacity | | | | | |
|----------|----------------|-----|----|------|-------------|-------|------|--------|----------|-----|-----|-----|-----|----|
| | A | B | C | D | | kW | Hp | | m³/h | | | | | |
| | | | | | | | | | 0 | 18 | 27 | 42 | 60 | 78 |
| 6SP60-01 | 4" | 132 | 15 | 383 | 6.27 | 2.2 | 3 | 8 | 25 | 22 | 21 | 16 | 8 | 7 |
| 6SP60-02 | | | | 496 | 8.52 | 4 | 5 | 15 | 31 | 29 | 27 | 20 | 15 | 8 |
| 6SP60-03 | | | | 609 | 10.77 | 5.5 | 7.5 | 23 | 45 | 44 | 40 | 30 | 23 | 9 |
| 6SP60-04 | | | | 722 | 13.02 | 7.5 | 10 | 31 | 60 | 56 | 50 | 38 | 31 | 10 |
| 6SP60-05 | | | | 835 | 15.26 | 9.2 | 12.5 | 38 | 70 | 67 | 62 | 50 | 38 | 13 |
| 6SP60-06 | | | | 948 | 17.51 | 11 | 15 | 46 | 88 | 84 | 74 | 61 | 46 | 14 |
| 6SP60-07 | | | | 1061 | 19.76 | 13 | 17.5 | 54 | 97 | 94 | 86 | 70 | 54 | 15 |
| 6SP60-08 | | | | 1174 | 22.01 | 15 | 20 | 62 | 117 | 107 | 95 | 81 | 62 | 16 |
| 6SP60-09 | | | | 1287 | 24.26 | 18.5 | 25 | 70 | 125 | 120 | 110 | 93 | 70 | 21 |
| 6SP60-10 | | | | 1400 | 26.51 | 18.5 | 25 | 77 | 140 | 135 | 125 | 102 | 77 | 30 |
| 6SP60-11 | | | | 1513 | 28.76 | 22 | 30 | 85 | 156 | 150 | 135 | 110 | 85 | 33 |
| 6SP60-12 | | | | 1626 | 31.01 | 22 | 30 | 93 | 174 | 162 | 145 | 115 | 93 | 40 |
| 6SP60-13 | | | | 1739 | 33.26 | 26 | 35 | 101 | 180 | 173 | 160 | 132 | 101 | 57 |
| 6SP60-14 | | | | 1852 | 35.51 | 26 | 35 | 108 | 194 | 188 | 175 | 142 | 108 | 60 |
| 6SP60-15 | | | | 1965 | 37.76 | 26 | 35 | 116 | 210 | 203 | 187 | 152 | 116 | 67 |
| 6SP60-16 | | | | 2078 | 40.01 | 30 | 40 | 124 | 222 | 216 | 200 | 162 | 124 | 72 |
| 6SP60-17 | | | | 2191 | 42.26 | 30 | 40 | 132 | 240 | 230 | 214 | 175 | 132 | 78 |
| 6SP60-18 | | | | 2304 | 44.51 | 37 | 50 | 140 | 255 | 243 | 226 | 190 | 140 | 83 |
| 6SP60-20 | | | | 2530 | 49.01 | 37 | 50 | 155 | 288 | 267 | 248 | 201 | 155 | 90 |

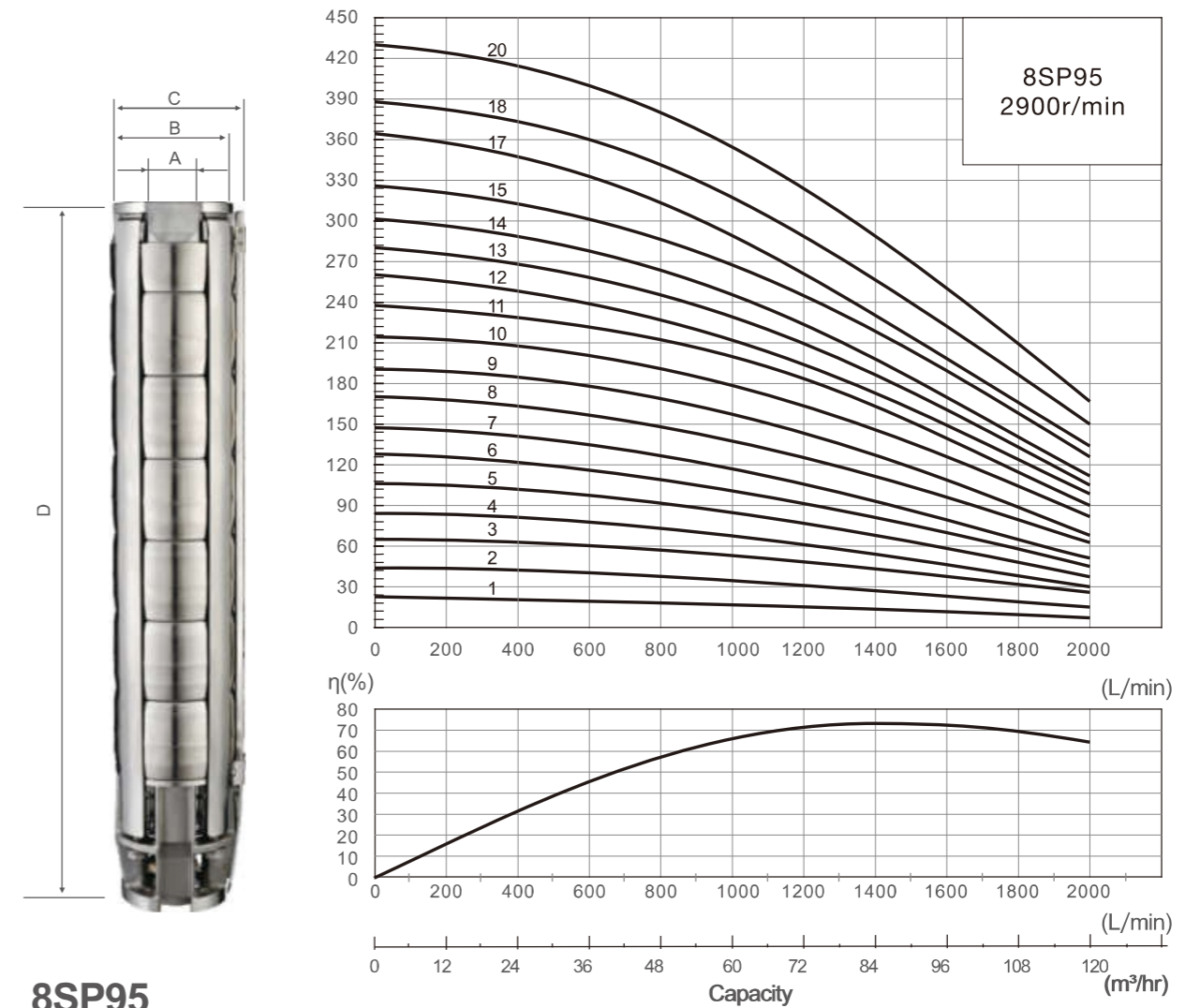
Performance curve (50Hz)



8SP77

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | m³/h | | | | | |
|----------|----------------|-----|-----|------|-------------|-------|-----|--------|-------|------|-----|-----|-----|-----|
| | A | B | C | D | | kW | Hp | | l/min | | | | | |
| | | | | | | | | | 0 | 18 | 36 | 54 | 77 | 102 |
| 8SP77-01 | 5" | 158 | 175 | 392 | 13.2 | 5.5 | 7.5 | 13 | 21 | 19.5 | 17 | 14 | 13 | 7 |
| 8SP77-02 | | | | 496 | 16.37 | 7.5 | 10 | 26 | 41 | 37 | 33 | 28 | 26 | 13 |
| 8SP77-03 | | | | 600 | 19.54 | 11 | 15 | 39 | 61 | 57 | 50 | 43 | 39 | 20 |
| 8SP77-04 | | | | 704 | 22.71 | 15 | 20 | 53 | 80 | 76 | 67 | 58 | 53 | 27 |
| 8SP77-05 | | | | 808 | 25.88 | 18.5 | 25 | 66 | 100 | 94 | 84 | 73 | 66 | 33 |
| 8SP77-06 | | | | 912 | 29.05 | 22 | 30 | 79 | 121 | 113 | 101 | 88 | 79 | 40 |
| 8SP77-07 | | | | 1016 | 32.22 | 26 | 35 | 93 | 142 | 133 | 120 | 104 | 93 | 47 |
| 8SP77-08 | | | | 1120 | 35.39 | 30 | 40 | 106 | 159 | 150 | 135 | 117 | 106 | 53 |
| 8SP77-09 | | | | 1224 | 38.56 | 30 | 40 | 119 | 177 | 167 | 152 | 131 | 119 | 58 |
| 8SP77-10 | | | | 1328 | 41.73 | 37 | 50 | 133 | 200 | 188 | 168 | 148 | 133 | 68 |
| 8SP77-11 | | | | 1432 | 44.9 | 37 | 50 | 146 | 218 | 207 | 186 | 159 | 146 | 74 |
| 8SP77-12 | | | | 1536 | 48.07 | 45 | 60 | 159 | 249 | 240 | 217 | 190 | 159 | 99 |
| 8SP77-13 | | | | 1640 | 51.24 | 55 | 75 | 172 | 269 | 259 | 235 | 205 | 172 | 107 |
| 8SP77-15 | | | | 1848 | 57.58 | 55 | 75 | 199 | 308 | 298 | 273 | 237 | 199 | 120 |
| 8SP77-16 | | | | 1952 | 60.75 | 63 | 85 | 212 | 328 | 318 | 290 | 252 | 212 | 132 |
| SSP77-18 | | | | 2160 | 67.09 | 63 | 85 | 239 | 372 | 359 | 328 | 285 | 239 | 147 |
| 8SP77-20 | | | | 2368 | 73.43 | 75 | 100 | 266 | 410 | 397 | 364 | 315 | 266 | 159 |

Performance date (50Hz)

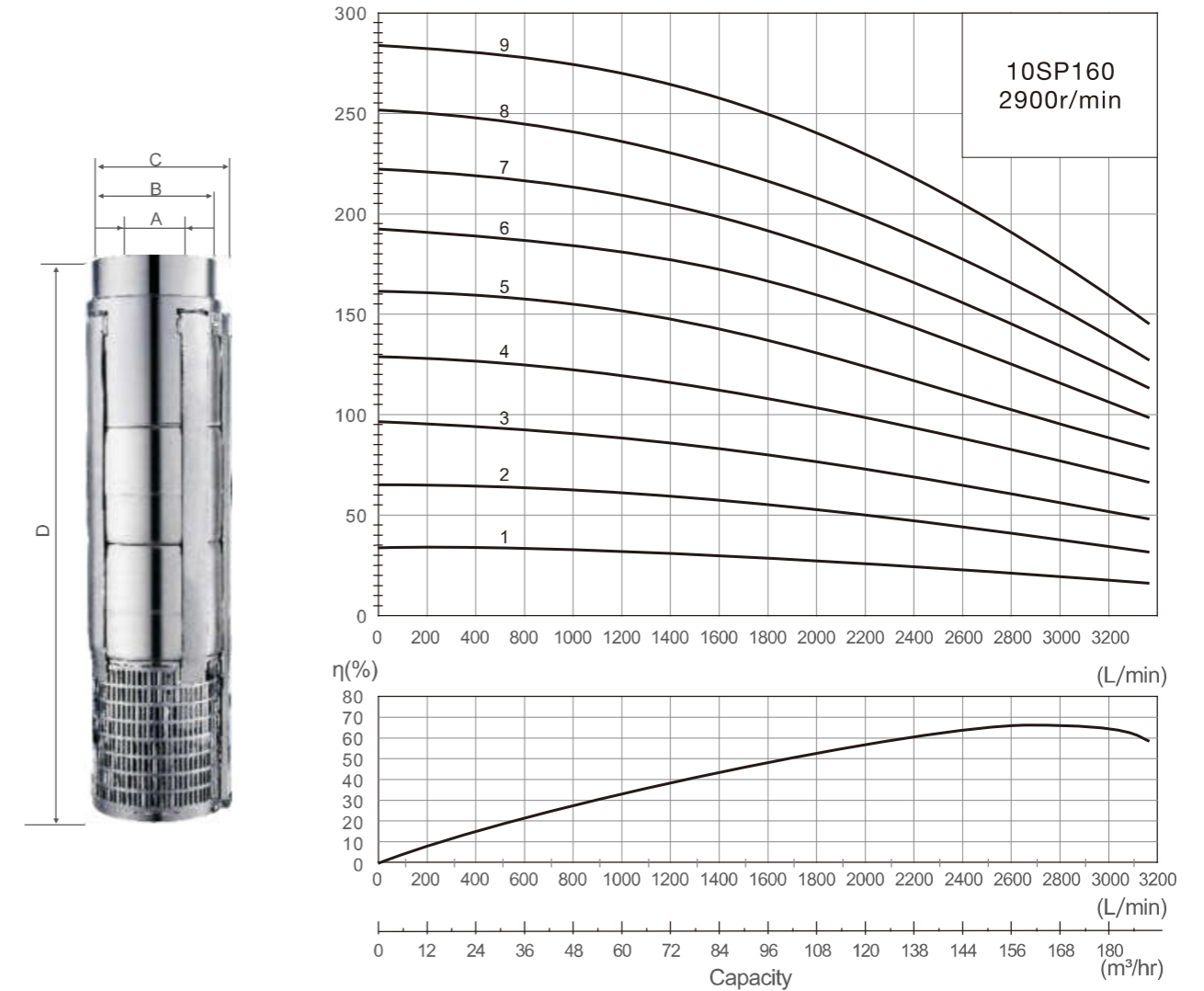
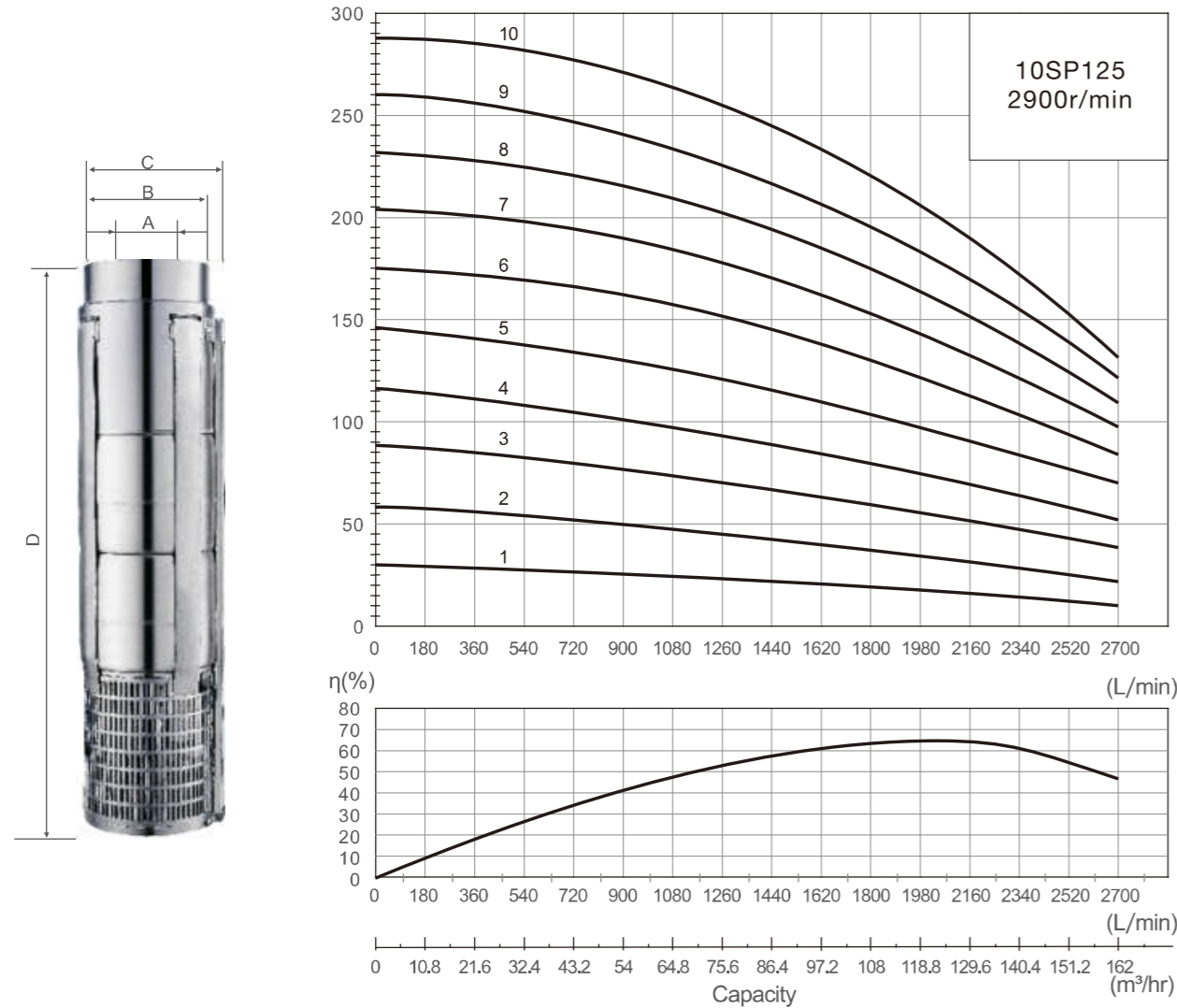


8SP95

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | m³/h | | | | | |
|----------|----------------|-----|-----|------|-------------|-------|------|--------|-------|-----|-----|-----|-----|-----|
| | A | B | C | D | | kW | Hp | | l/min | | | | | |
| | | | | | | | | | 0 | 18 | 36 | 60 | 95 | 120 |
| 8SP95-01 | 5" | 158 | 175 | 416 | 13.2 | 5.5 | 7.5 | 12 | 22 | 21 | 18 | 15 | 12 | 8 |
| 8SP95-02 | | | | 544 | 16.99 | 9.2 | 12.5 | 24 | 43 | 41 | 37 | 31 | 24 | 15 |
| 8SP95-03 | | | | 672 | 20.78 | 13 | 17.5 | 36 | 65 | 62 | 57 | 47 | 36 | 26 |
| 8SP95-04 | | | | 800 | 24.57 | 18.5 | 25 | 48 | 84 | 82 | 75 | 62 | 48 | 30 |
| 8SP95-05 | | | | 928 | 28.36 | 22 | 30 | 60 | 106 | 102 | 94 | 77 | 60 | 38 |
| 8SP95-06 | | | | 1056 | 32.15 | 26 | 35 | 72 | 128 | 123 | 114 | 94 | 72 | 46 |
| 8SP95-07 | | | | 1184 | 35.94 | 30 | 40 | 84 | 147 | 143 | 132 | 110 | 84 | 53 |
| 8SP95-08 | | | | 1312 | 39.73 | 37 | 50 | 96 | 170 | 164 | 152 | 126 | 96 | 62 |
| 8SP95-09 | | | | 1440 | 43.52 | 37 | 50 | 108 | 190 | 182 | 169 | 140 | 108 | 68 |
| 8SP95-10 | | | | 1568 | 47.31 | 45 | 60 | 120 | 215 | 206 | 190 | 162 | 120 | 82 |
| 8SP95-11 | | | | 1696 | 51.1 | 55 | 75 | 132 | 238 | 230 | 212 | 180 | 132 | 90 |
| 8SP95-12 | | | | 1824 | 54.89 | 55 | 75 | 144 | 260 | 250 | 231 | 197 | 144 | 99 |
| 8SP95-13 | | | | 1952 | 58.68 | 55 | 75 | 156 | 280 | 268 | 250 | 210 | 156 | 106 |
| 8SP95-14 | | | | 2080 | 62.47 | 63 | 85 | 168 | 301 | 291 | 271 | 230 | 168 | 116 |
| 8SP95-15 | | | | 2208 | 66.26 | 75 | 100 | 180 | 325 | 312 | 292 | 248 | 180 | 126 |
| 8SP95-17 | | | | 2464 | 73.84 | 75 | 100 | 204 | 365 | 350 | 327 | 277 | 204 | 140 |
| 8SP95-18 | | | | 2592 | 77.63 | 93 | 125 | 216 | 388 | 372 | 350 | 296 | 216 | 150 |
| 8SP95-20 | | | | 2848 | 85.21 | 93 | 125 | 240 | 431 | 412 | 388 | 333 | 240 | 166 |

Performance curve (50Hz)

Performance date (50Hz)



10SP125

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | m³/h | | | | | | | | | | | |
|------------|----------------|-----|----|------|-------------|-------|-----|--------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | A | B | C | D | | kW | Hp | | l/min | | | | | | | | | | | |
| | | | | | | | | | 0 | 60 | 70 | 80 | 90 | 100 | 125 | 140 | 150 | 160 | 162 | |
| 10SP125-01 | 6" | 193 | 20 | 592 | 25 | 11 | 15 | 20 | 30 | 27 | 25 | 24 | 23 | 22 | 20 | 17 | 15 | 13 | 12 | |
| 10SP125-02 | | | | 738 | 32 | 22 | 30 | 40 | 59 | 54 | 52 | 50 | 48 | 46 | 40 | 35 | 32 | 27 | 26 | |
| 10SP125-03 | | | | 884 | 40 | 30 | 40 | 60 | 88 | 80 | 77 | 74 | 72 | 69 | 60 | 53 | 47 | 40 | 39 | |
| 10SP125-04 | | | | 1030 | 48 | 37 | 50 | 80 | 116 | 106 | 102 | 99 | 95 | 91 | 80 | 71 | 63 | 54 | 52 | |
| 10SP125-05 | | | | 1176 | 56 | 55 | 75 | 100 | 146 | 137 | 132 | 127 | 123 | 118 | 100 | 93 | 84 | 72 | 70 | |
| 10SP125-06 | | | | 1322 | 63 | 63 | 85 | 120 | 175 | 164 | 158 | 153 | 147 | 142 | 120 | 112 | 100 | 87 | 84 | |
| 10SP125-07 | | | | 1468 | 70 | 75 | 100 | 140 | 204 | 191 | 184 | 178 | 172 | 165 | 140 | 130 | 117 | 101 | 97 | |
| 10SP125-08 | | | | 1614 | 78 | 75 | 100 | 160 | 232 | 216 | 209 | 202 | 195 | 188 | 160 | 147 | 131 | 113 | 109 | |
| 10SP125-09 | | | | 1760 | 86 | 92 | 125 | 180 | 260 | 242 | 234 | 226 | 218 | 209 | 180 | 163 | 146 | 125 | 121 | |
| 10SP125-10 | | | | 1906 | 93 | 92 | 125 | 200 | 287 | 267 | 258 | 249 | 240 | 231 | 200 | 179 | 159 | 137 | 132 | |

10SP160

| Model | Dimensions(mm) | | | | Weight (kg) | Motor | | Head M | m³/h | | | | | | | | | | | |
|------------|----------------|-----|-----|------|-------------|-------|------|--------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | A | B | C | D | | kW | Hp | | l/min | | | | | | | | | | | |
| | | | | | | | | | 0 | 80 | 90 | 100 | 110 | 120 | 130 | 160 | 170 | 180 | 190 | |
| 10SP160-01 | 6" | 193 | 202 | 602 | 26 | 13 | 17.5 | 20 | 34 | 28 | 26 | 25 | 24 | 23 | 22 | 20 | 19 | 18 | 16 | |
| 10SP160-02 | | | | 758 | 34 | 26 | 35 | 40 | 65 | 55 | 52 | 50 | 48 | 46 | 45 | 40 | 38 | 35 | 32 | |
| 10SP160-03 | | | | 914 | 42 | 37 | 50 | 60 | 96 | 82 | 78 | 75 | 72 | 70 | 68 | 60 | 57 | 53 | 48 | |
| 10SP160-04 | | | | 1070 | 50 | 55 | 75 | 80 | 129 | 111 | 107 | 103 | 100 | 96 | 93 | 80 | 79 | 74 | 67 | |
| 10SP160-05 | | | | 1226 | 58 | 63 | 85 | 100 | 161 | 139 | 133 | 129 | 124 | 120 | 116 | 100 | 98 | 91 | 83 | |
| 10SP160-06 | | | | 1382 | 66 | 75 | 100 | 120 | 192 | 166 | 159 | 154 | 148 | 144 | 139 | 120 | 117 | 109 | 99 | |
| 10SP160-07 | | | | 1538 | 74 | 92 | 125 | 140 | 222 | 191 | 184 | 177 | 171 | 166 | 161 | 140 | 135 | 125 | 113 | |
| 10SP160-08 | | | | 1694 | 82 | 92 | 125 | 160 | 252 | 217 | 208 | 201 | 194 | 188 | 182 | 160 | 152 | 140 | 127 | |
| 10SP160-09 | | | | 1850 | 90 | 110 | 150 | 180 | 284 | 246 | 236 | 220 | 220 | 213 | 206 | 180 | 172 | 160 | 145 | |