

Applications

- Water supply
- Industry pressure boosting
- Industry liquid transfer
- Water treatment
- Irrigation

Motor

- Fitted with a totally enclosed fan-cooled, 2-pole motor
- Enclosure class: IP55
- Insulation class: F
- Supply voltage: 50Hz or 60Hz

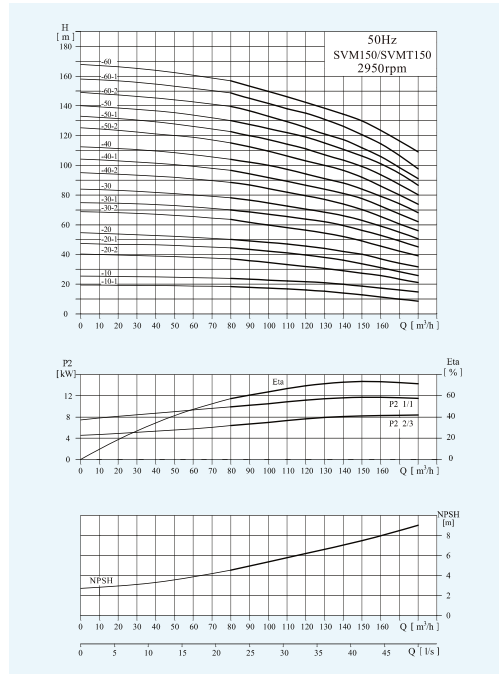
Operation conditions

- Thin, clean, non-explosive liquids, not containing solid particles or fibers liquid
- Liquid temperature:
normal temperature type: -15°C~+70°C
hot water type: -15°C~+105°C
- Ambient temperature: maximum +40°C
- Altitude: maximum 1000m

Material

- Inlet&outlet chamber: Cast iron/Stainless steel(304/316)
- Impeller: Stainless steel(304/316)
- Shell: Stainless steel(304/316)
- Shaft: Stainless steel(304/316)
- Coupling: Ductile iron
- Bearing: Tungsten carbide
- Mechanical seal: Tungsten carbide/Graphite

Performance Curves



Performance Table

| Model | Associated motor(kW) | Q (m³/h) | H (m) | | | | | | | | | | | |
|-------------|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| | | | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | |
| SVM150-10-1 | 11 | H (m) | 18.3 | 17.8 | 17.3 | 17 | 16 | 15 | 14 | 12.5 | 11 | 10 | 8.5 | |
| SVM150-10 | 15 | | 24 | 23 | 22.5 | 22 | 21.5 | 20.5 | 20 | 18.5 | 17 | 16 | 15 | |
| SVM150-20-2 | 18.5 | | 37 | 35.5 | 34 | 33 | 32 | 31 | 29 | 27.5 | 26 | 23 | 21 | |
| SVM150-20-1 | 22 | | 44.3 | 43 | 42 | 40 | 39 | 38.5 | 37.5 | 35 | 33 | 30 | 27 | |
| SVM150-20 | 26 | | 50 | 49 | 48 | 47 | 45.5 | 44 | 42 | 40 | 37 | 34 | 32 | |
| SVM150-30-2 | 30 | | 63.5 | 61 | 59 | 57.5 | 56 | 54.5 | 53 | 49 | 45.5 | 42 | 39 | |
| SVM150-30-1 | 37 | | 70 | 68 | 67 | 65 | 63 | 62 | 60 | 56 | 53 | 49 | 45 | |
| SVM150-30 | 37 | | 78 | 76.5 | 75 | 73 | 70.5 | 68 | 66 | 63 | 59 | 55 | 50.5 | |
| SVM150-40-2 | 45 | | 89 | 87 | 84 | 81.5 | 79 | 77 | 74.5 | 70.5 | 65.5 | 60 | 56 | |
| SVM150-40-1 | 45 | | 96.5 | 94 | 91.5 | 89 | 86.5 | 84 | 81.5 | 77 | 72.5 | 67 | 62 | |
| SVM150-40 | 55 | | 104 | 102 | 100 | 97 | 95 | 91 | 88 | 84 | 79.5 | 74 | 68 | |
| SVM150-50-2 | 55 | | 115.5 | 112 | 109 | 106 | 102.5 | 100 | 97 | 92 | 86 | 79 | 73.5 | |
| SVM150-50-1 | 75 | | 122.5 | 119.5 | 117 | 113.5 | 111.5 | 107.5 | 104.5 | 99 | 93.5 | 87 | 80 | |
| SVM150-50 | 75 | | 130 | 127.5 | 125 | 121 | 119 | 115 | 111.5 | 106.5 | 101 | 94.5 | 86.5 | |
| SVM150-60-2 | 75 | | 140 | 137 | 133 | 130 | 126 | 121 | 118 | 112 | 106 | 98 | 91 | |
| SVM150-60-1 | 75 | | 148.5 | 145 | 141.7 | 137.5 | 135 | 131 | 127 | 120.5 | 114.5 | 106.5 | 97.5 | |
| SVM150-60 | 75 | | 157 | 153 | 149 | 145 | 142 | 139.5 | 137 | 130 | 123.5 | 116 | 109 | |

Dimension & Weight

| Model | Size (mm) | | | | | Net Weight(kg) |
|-------------|-----------|-----|-------|-----|-----|----------------|
| | B1 | B2 | B1+B2 | D1 | D2 | |
| SVM150-10-1 | 840 | 500 | 1340 | 330 | 255 | 230 |
| SVM150-10 | 840 | 500 | 1340 | 330 | 255 | 235 |
| SVM150-20-2 | 1000 | 550 | 1550 | 330 | 255 | 250 |
| SVM150-20-1 | 1000 | 575 | 1575 | 360 | 285 | 295 |
| SVM150-20 | 1000 | 575 | 1575 | 360 | 285 | 317 |
| SVM150-30-2 | 1160 | 650 | 1810 | 400 | 310 | 360 |
| SVM150-30-1 | 1160 | 650 | 1810 | 400 | 310 | 360 |
| SVM150-30 | 1160 | 650 | 1810 | 400 | 310 | 385 |
| SVM150-40-2 | 1320 | 685 | 2005 | 460 | 340 | 460 |
| SVM150-40-1 | 1320 | 685 | 2005 | 460 | 340 | 460 |
| SVM150-40 | 1350 | 760 | 2110 | 540 | 370 | 560 |
| SVM150-50-2 | 1510 | 760 | 2270 | 540 | 370 | 570 |
| SVM150-50-1 | 1510 | 845 | 2355 | 580 | 410 | 690 |
| SVM150-50 | 1510 | 845 | 2355 | 580 | 410 | 690 |
| SVM150-60-2 | 1670 | 845 | 2515 | 580 | 410 | 700 |
| SVM150-60-1 | 1670 | 845 | 2515 | 580 | 410 | 700 |
| SVM150-60 | 1670 | 845 | 2515 | 580 | 410 | 700 |

