

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

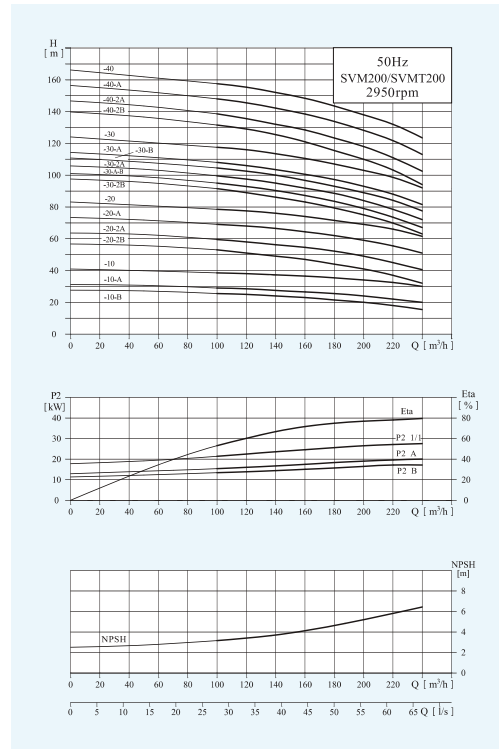
Operation conditions

- 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) | | | | | | | | | |
|---------------|----------------------|----------|-------|-------|-------|-------|-------|-----|-------|-------|--|--|
| | | | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | | |
| SVM200-10-B | 18.5 | H (m) | 25.5 | 25 | 24 | 23 | 21.5 | 20 | 18 | 15.5 | | |
| SVM200-10-A | 22 | | 29 | 28.5 | 27.5 | 26.5 | 25.5 | 24 | 22 | 20 | | |
| SVM200-10 | 30 | | 38.5 | 38 | 37.5 | 36.5 | 35 | 34 | 32.5 | 30 | | |
| SVM200-20-2B | 37 | | 53 | 51 | 49 | 47 | 44 | 41 | 37 | 32 | | |
| SVM200-20-2A | 45 | | 59.5 | 58 | 56 | 54 | 52.5 | 49 | 44.5 | 40.5 | | |
| SVM200-20-A | 55 | | 69 | 68 | 66 | 64 | 62 | 59 | 55.5 | 51 | | |
| SVM200-20 | 55 | | 78.5 | 77.5 | 76 | 74 | 71.5 | 69 | 66 | 61.5 | | |
| SVM200-30-2B | 75 | | 91.5 | 89 | 86.5 | 83.5 | 79 | 75 | 70 | 63 | | |
| SVM200-30-A-B | 75 | | 95 | 93 | 90 | 87 | 83.5 | 79 | 73.5 | 67 | | |
| SVM200-30-2A | 75 | | 99.5 | 97.5 | 94.5 | 91.5 | 89 | 84 | 78.5 | 72 | | |
| SVM200-30-B | 75 | | 104.5 | 102.5 | 100 | 97 | 93 | 89 | 84.5 | 77.5 | | |
| SVM200-30-A | 75 | | 108 | 106 | 103.5 | 100.5 | 97.5 | 93 | 88 | 81.5 | | |
| SVM200-30 | 90 | | 117.5 | 116 | 113.5 | 110.5 | 107 | 103 | 99 | 92 | | |
| SVM200-40-2B | 90 | | 131.5 | 129 | 125.5 | 121 | 115.5 | 110 | 103.5 | 94 | | |
| SVM200-40-2A | 110 | | 138.5 | 136 | 132 | 128 | 124 | 118 | 111 | 102.5 | | |
| SVM200-40-A | 110 | | 148 | 145.5 | 142.5 | 138 | 134 | 128 | 122 | 113 | | |
| SVM200-40 | 110 | | 157.5 | 155.5 | 152.5 | 148 | 143.5 | 138 | 132.5 | 123.5 | | |

Dimension & Weight

| Model | Size (mm) | | | | | Net Weight (kg) |
|---------------|-----------|------|-------|-----|-----|-----------------|
| | B1 | B2 | B1+B2 | D1 | D2 | |
| SVM200-10-B | 907 | 550 | 1457 | 330 | 255 | 311 |
| SVM200-10-A | 907 | 575 | 1482 | 360 | 285 | 347 |
| SVM200-10 | 907 | 650 | 1557 | 400 | 310 | 403 |
| SVM200-20-2B | 1101 | 650 | 1751 | 400 | 310 | 447 |
| SVM200-20-2A | 1101 | 685 | 1786 | 460 | 340 | 504 |
| SVM200-20-A | 1131 | 760 | 1891 | 540 | 370 | 595 |
| SVM200-20 | 1131 | 760 | 1891 | 540 | 370 | 595 |
| SVM200-30-2B | 1325 | 845 | 2170 | 580 | 410 | 748 |
| SVM200-30-A-B | 1325 | 845 | 2170 | 580 | 410 | 748 |
| SVM200-30-2A | 1325 | 845 | 2170 | 580 | 410 | 748 |
| SVM200-30-B | 1325 | 845 | 2170 | 580 | 410 | 748 |
| SVM200-30-A | 1325 | 845 | 2170 | 580 | 410 | 748 |
| SVM200-30 | 1325 | 895 | 2220 | 580 | 410 | 817 |
| SVM200-40-2B | 1519 | 895 | 2414 | 580 | 410 | 830 |
| SVM200-40-2A | 1519 | 1140 | 2659 | 645 | 550 | 1180 |
| SVM200-40-A | 1519 | 1140 | 2659 | 645 | 550 | 1180 |
| SVM200-40 | 1519 | 1140 | 2659 | 645 | 550 | 1180 |

