



SJ1

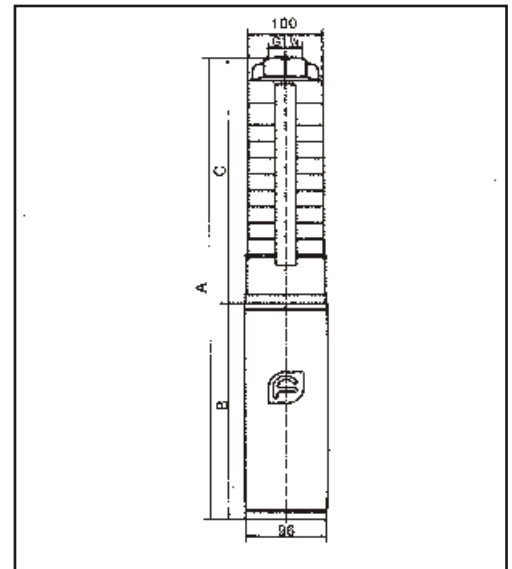
WORKING CONDITIONS

- | Solid grain-or fiber-free dilute clean non-corrosive liquids
- | Maximum liquid temperature:20°C
- | Maximum working pressure:30 bar



Dimension and weight

| Model | Dimension (mm) | | | Weight (kg) |
|--------|----------------|-----|------|-------------|
| | A | B | C | |
| SJ1-6 | 657 | 360 | 297 | 13 |
| SJ1-9 | 720 | 360 | 360 | 14 |
| SJ1-13 | 824 | 380 | 444 | 16 |
| SJ1-17 | 938 | 410 | 528 | 18 |
| SJ1-21 | 1062 | 450 | 612 | 20 |
| SJ1-25 | 1146 | 450 | 696 | 21 |
| SJ1-28 | 1259 | 500 | 759 | 23 |
| SJ1-32 | 1343 | 500 | 843 | 24 |
| SJ1-36 | 1427 | 500 | 927 | 25 |
| SJ1-39 | 1560 | 570 | 990 | 30 |
| SJ1-42 | 1623 | 570 | 1053 | 31 |
| SJ1-46 | 1707 | 570 | 1137 | 32 |
| SJ1-50 | 1791 | 570 | 1221 | 33 |

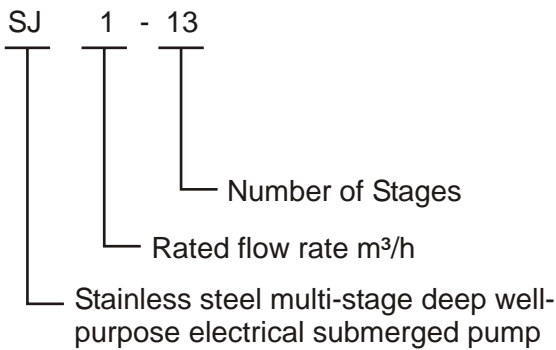


Performance table

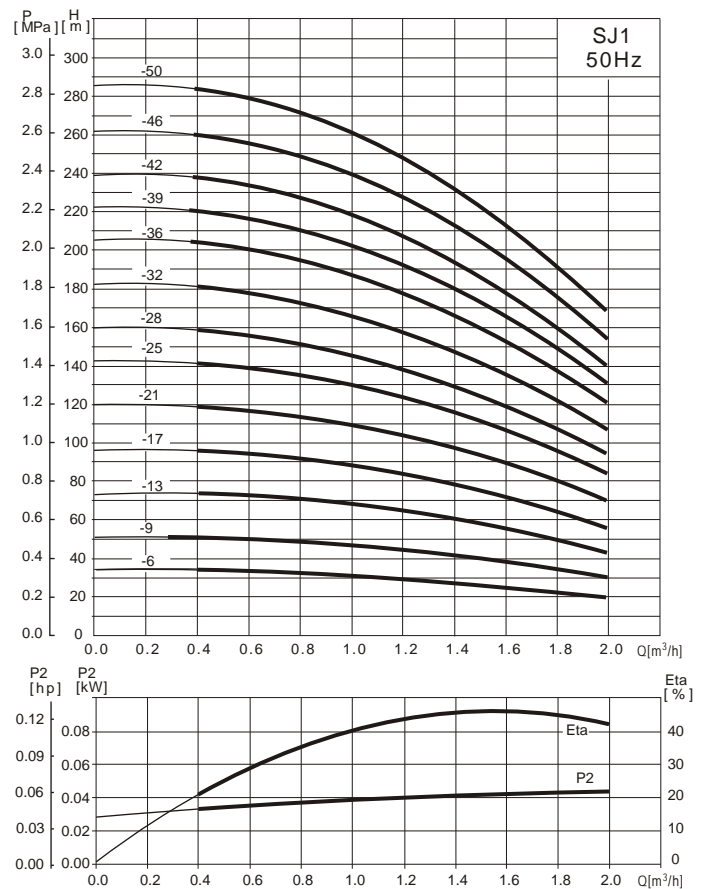
| Model | (kw) | (m ³ /h) | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 |
|--------|------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| SJ1-6 | 0.37 | (m) | 33 | 32 | 31 | 30 | 29 | 27 | 25 | 22 | 19 |
| SJ1-9 | 0.37 | | 50 | 49 | 48 | 46 | 44 | 41 | 38 | 34 | 29 |
| SJ1-13 | 0.55 | | 72 | 71 | 69 | 67 | 64 | 60 | 55 | 49 | 42 |
| SJ1-17 | 0.75 | | 95 | 92 | 90 | 87 | 84 | 78 | 71 | 64 | 55 |
| SJ1-21 | 1.1 | | 118 | 115 | 112 | 108 | 103 | 97 | 89 | 80 | 69 |
| SJ1-25 | 1.1 | | 140 | 137 | 134 | 129 | 123 | 116 | 109 | 95 | 82 |
| SJ1-28 | 1.5 | | 157 | 153 | 150 | 145 | 138 | 130 | 119 | 107 | 92 |
| SJ1-32 | 1.5 | | 179 | 175 | 171 | 165 | 158 | 148 | 136 | 122 | 105 |
| SJ1-36 | 1.5 | | 202 | 197 | 192 | 186 | 178 | 167 | 153 | 137 | 118 |
| SJ1-39 | 2.2 | | 219 | 214 | 209 | 202 | 193 | 181 | 166 | 149 | 128 |
| SJ1-42 | 2.2 | | 236 | 230 | 225 | 217 | 208 | 195 | 179 | 160 | 137 |
| SJ1-46 | 2.2 | | 258 | 252 | 246 | 238 | 227 | 213 | 196 | 176 | 151 |
| SJ1-50 | 2.2 | | 282 | 276 | 269 | 260 | 248 | 233 | 214 | 192 | 165 |



Connotation of the type



Performance Curve



Typical application

- | Water supply system
- | Booster
- | Garden and farm irrigation
- | Lowering underground water level
- | Various Industrial application

Features:

- | Good-looking appearance and all the fluid-passing components of both the submerged pump and the submerged motor are made of stainless steel.
- | Low weight and convenient in movement and installation.
- | High efficiency, save electricity.
- | Provided with non-return valve to avoid damage due to back-flow of water at shutdown of pump or water hammer affecting the pump.
- | The liquid inlet is fixed with a filter screen to prevent solid grain of a given from entrance.

The performance curves and the performance sheets show that:

- | All the curves are based on the measured values of standard oil-filled motor running at a constant speed 2850 rpm under 50Hz
- | The Measurements are made with gas-free 20°C water of a kinetic viscosity 1mm²/s.
- | The performance curves include the losses possibly generated at the non-return valve and the inlet and their allowable deviation meets Appendix A, ISO9906.
- | The pump should run under the performance range of the thickened curves to prevent motor overheat due to excessive low flow rate and overload from excessive large flow rate.