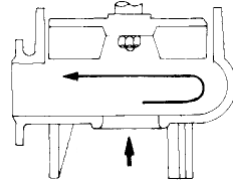
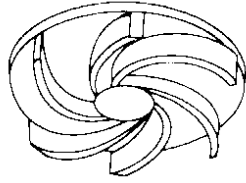




# JST-Sv Series Three Phase Vortex Impeller Pumps

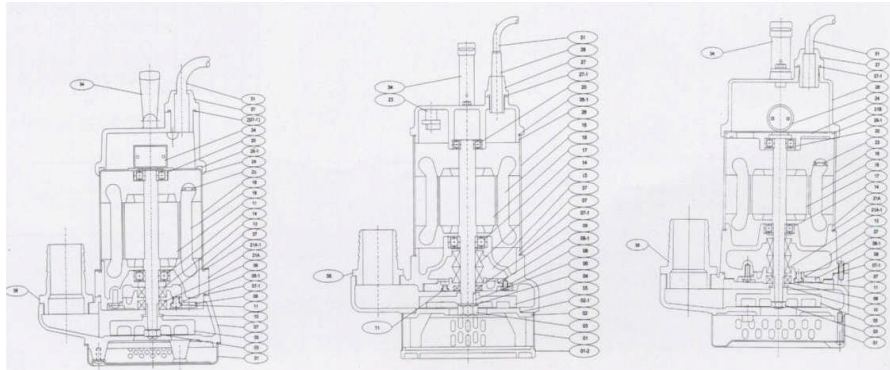
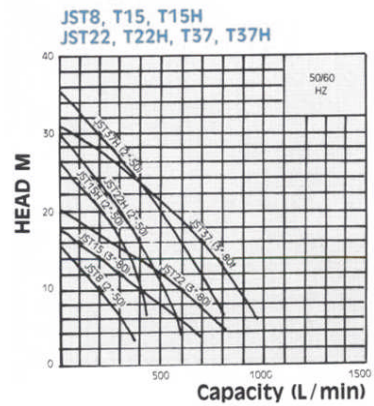
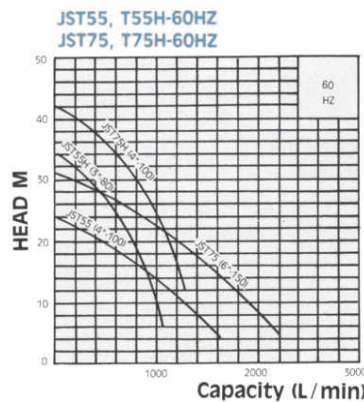
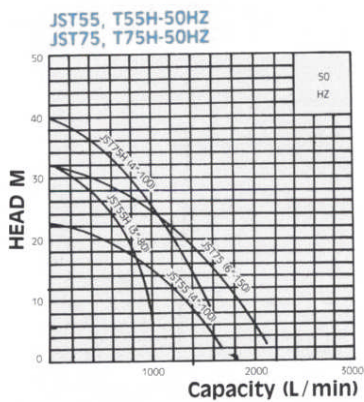


JST-SV series are heavy duty submersible sewage vortex impeller pumps allowing mud, raw sewage, viscous liquids, wood chips and other soft solids to be passed through the pump body to waste.

- Supplied as a free standing pump. Guide rails available for some models.
- Cast iron pump body, impeller, lower motor bearing/seal housing and motor top cover.
- Stainless steel shaft and motor casing capable of withstanding rough handling and sandy water pumping.
- Twin mechanical seals, the lower seal is made of silicon carbide and the upper seal carbon/ceramic.
- Complete with 10 metres of power cable.
- Hose tails are supplied up to model JST-37SV.
- Floats
- Internal Thermal Protection
- Single Phase available as JS range



| MODEL               | WEIGHT<br>Kg | DIMENSIONS<br>H x W x L mm | FLOW/<br>HEAD<br>LM/HM | POWER<br>kW | SOLIDS<br>DIAMETER<br>MAX<br>SOLIDS |
|---------------------|--------------|----------------------------|------------------------|-------------|-------------------------------------|
| JST-4 SV 2"         | 15.4         | 415 x 140 x 215            | 240/8                  | 0.4         | 36mm                                |
| JST-8 SV 2"         | 29.4         | 470 x 170 x 345            | 550/9                  | 0.75        | 36mm                                |
| JST-15 SV 3"        | 36.6         | 515 x 171 x 395            | 700/10                 | 1.5         | 46mm                                |
| JST-22 SV 3" 2 POLE | 52.2         | 580 x 210 x 430            | 900/11                 | 2.2         | 65mm                                |
| JST-22 SV 3" 4 POLE | 59.6         | 650 x 255 x 480            | 1400/8                 | 2.2         | 65mm                                |
| JST-37 SV 3"        | 61.2         | 660 x 255 x 480            | 1300/13                | 3.7         | 57mm                                |
| JST-55 SV 4"        | 99.6         | 830 x 310 x 650            | 2400/12                | 5.5         | 80mm                                |
| JST-75 SV 4"        | 110          | 830 x 310 x 650            | 3000/17                | 7.5         | 80mm                                |



**PARTS LIST**

| NO.  | DESCRIPTION      | NO.   | DESCRIPTION        |
|------|------------------|-------|--------------------|
| 01   | STRAINER         | 18    | STATOR             |
| 03   | NUT              | 20    | BEARING(UPPER)     |
| 05   | IMPELLER         | 21A   | MOTOR BOTTOR COVER |
| 07   | PUMP HOUSING     | 21A-1 | ORING              |
| 07-1 | ORING            | 23    | OVERLOAD PROTECTOR |
| 08   | OIL CHAMBER      | 24    | CONDENSER          |
| 08-1 | GASKET           | 26    | UPPER COVER        |
| 09   | LIP SEAL         | 26-1  | ORING              |
| 10   | SLEEVE           | 27    | CABLE GLAND        |
| 11   | PLUGS            | 27-1  | GASKET             |
| 13   | MECHANICAL SEAL  | 31    | CABLE              |
| 14   | BEARING (BOTTOM) | 34    | HANDLE             |
| 16   | MOTOR CASING     | 37    | OIL                |
| 17   | ROTOR SHAFT      | 38    | DISCHARGE OUTLET   |

| Pump Type | Discharge bore | Pump section |     |     |     |     |     | Operating water level |    |
|-----------|----------------|--------------|-----|-----|-----|-----|-----|-----------------------|----|
|           |                | d            | A   | A1  | B   | D   | H   | W1                    | W2 |
| JST4      | SV 2"(50)      | 215          | 110 | 120 | 135 | 390 | 330 | 125                   |    |
| JST8      | SV 3"(80)      | 280          | 135 | 145 | 170 | 435 | 385 | 145                   |    |
| JST15     | SV 3"(80)      | 395          | 205 | 230 | 195 | 515 | 460 | 200                   |    |
| JST22     | SV 3"(80)      | 430          | 240 | 265 | 255 | 590 | 510 | 240                   |    |
| JST37     | SV 3"(80)      | 430          | 240 | 265 | 255 | 670 | 585 | 240                   |    |

