6” HYDRAULIC SUBMERSIBLE SEWAGE/WASTEWATER PUMP

MODELS
S6V (Ductile Iron Body)
S6VAL (Aluminum Body)
6” (15 cm) Discharge

The S6V, a 6” discharge sewage pump, designed specifically to easily pass through a 21” manhole which makes it ideal for sewer by-pass jobs. This pump is durable, compact and able to pass large solids, stringy material and slurries with entrained gases. Flows to 1550 gpm.

FEATURES
- Semi Recessed SS Vortex Impeller (will pass 5” semi-solids)
- Compact Design allows this pump to fit through a 21” opening
- Variable Speed hydraulic drive provides a wide range of performance
- Oil Lubricated Seals (can run dry)
- Dependable gear type hydraulic motor
- Can be bolted directly into a pipeline or used as a booster pump
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Operates with our HT50 to HT75 power units or other hydraulic power sources capable of flows of 15 - 30 GPM
- Stainless Steel model available

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>S6V (ductile iron)</th>
<th>S6VAL (aluminum)</th>
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<tbody>
<tr>
<td>WEIGHT</td>
<td>247 lbs. (112 kg)</td>
<td>164 lbs. (74 kg)</td>
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<td>HEIGHT</td>
<td>34” (86 cm)</td>
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<td>DIAMETER</td>
<td>20-3/4” (53 cm)</td>
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<td>DISCHARGE</td>
<td>6” NPT(F)</td>
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<td>INLET FLANGE</td>
<td>6” 125# ANSI</td>
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| SOLIDS HANDLING | W/O Strainer..5” (12.7 cm) | With Strainer..2-1/2” (6.3 cm)
| HOSE PORTS    | 1” (-16) SAE      |                  |
| PUMP BODY     | Ductile Iron      | Aluminum         |
| IMPELLER      | Stainless Steel   |                  |
| WEAR RING     | ASTM A36 Steel    |                  |
| SHAFT         | 17-4 PH Stainless Steel | Carbon / Ceramic (Std) |
| SHAFT SEAL    | Silicon Carbide   |                  |
| ELASTOMERS    | Buna N (Std)      |                  |
| HYDRAULIC OIL | 214-320 s.s.u. @ 100°F (64°C) |                  |
| INPUT FLOW    | Max. 30 GPM (114 LPM) |                  |
| OPERATING PRESSURE | Max 3000 PSI (204 Bar) |                  |
| POWER SOURCE  | Any Open Center Hydraulic System |                  |

Specifications are subject to change without notice
Model S6V Overall Dimensions

S6V Typical Performance

Curves are based on pumping water at 60°F. For performance curves other than shown above, consult factory.