SC

SUBMERSIBLE SUMP/EFFLUENT PUMP
FEATURES

• Corrosion-resistant construction
• Cast iron body
• Thermoplastic impeller and cover
• Replaceable power cord
• Bearings: Upper sleeve and lower heavy duty ball bearing construction.
• Built-In Vent Hole: Prevents air-binding with no added labor.
• Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor.
• Complete unit is heavy duty, portable and compact.
• Mechanical Seal: carbon/ceramic/Buna/stainless steel.
• Stainless steel fasteners and stainless steel pipe plug.

APPLICATIONS

Specially designed for the following uses:
• Basement draining
• Water transfer
• Dewatering
• Effluent Transfer

SPECIFICATIONS

Pump:
• Discharge size: 1½” NPT
• Capacities: to 50 GPM.
• Maximum head: to 26 feet
• Temperature: 104°F (40°C) maximum, continuous when completely submerged
• Solids handling: ½” maximum sphere
• Automatic models include a float switch
• Manual model available
• Pumping range: see performance chart on back or curve below

PERFORMANCE RATINGS

<table>
<thead>
<tr>
<th>SC03</th>
<th>Total Head (feet of water)</th>
<th>GPM</th>
<th>GPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>50</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>40</td>
<td>2,340</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>28</td>
<td>1,680</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>15</td>
<td>900</td>
<td></td>
</tr>
</tbody>
</table>

AGENCY LISTINGS

Tested to UL 778 and CSA 22.2 108 Standards
By Canadian Standards Association
File #218526

MOTOR

• SC0311: 1/3 HP, 115 V, 60 Hz, single phase, 3000 RPM, 12.0 amps maximum.
• Built-in thermal overload protection with automatic reset.
• Class B insulation
• Oil filled design
• High strength carbon steel shaft
• Power cord: Quick disconnect 10 foot standard length, heavy duty 16/3 SJTW with NEMA 5-15 P three prong grounding plug, 115V.
TYPICAL SPECIFICATIONS

The contractor shall furnish and install Quantity _____, Model SC ____________ submersible sump pumps as illustrated on the plans and in accordance with the following specifications.

The submersible sump pumps shall be single-phase, 115V. The power cord shall be 16/3 SJTW with a NEMA 5-15P three prong grounding plug.

The oil-filled, shaded pole motor shall have Class B insulation, automatic reset on-winding overload protection, a carbon steel shaft, upper sleeve and lower ball bearings and be protected from water intrusion by a carbon/ceramic/BUNA/SS mechanical shaft seal. Maximum fluid temperature is 104° F (40° C) for continuous operation when pump is fully submerged.

Automatic models will be equipped with either a built-in vertical, tethered wide angle or piggyback wide angle float switch. Manual models are also available.

Pumps shall be designed to pass ½" maximum spheres and are suitable for basement draining, water transfer, dewatering and effluent transfer.

Materials of Construction are ASTM A48, Class 30 grey cast iron and glass-filled engineered thermoplastics.
**DIMENSIONS**

**VERTICAL FLOAT SWITCH**

**ADDITIONAL STRAINER AVAILABLE AS ACCESSORY**

Part No. A2-STST

- Material of construction mineral filled TPO
- Snaps in place over pump suction
- Prevents pea gravel from entering pump