SC
SUBMERSIBLE SUMP/EFFLUENT PUMP

Bell & Gossett
a xylem brand
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

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

PERFORMANCE RATINGS
**SC03**

<table>
<thead>
<tr>
<th>Total Head (feet of water)</th>
<th>GPM</th>
<th>GPH</th>
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<tbody>
<tr>
<td>4</td>
<td>50</td>
<td>3,000</td>
</tr>
<tr>
<td>10</td>
<td>40</td>
<td>2,340</td>
</tr>
<tr>
<td>15</td>
<td>28</td>
<td>1,680</td>
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<tr>
<td>20</td>
<td>15</td>
<td>900</td>
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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 104º F (40º 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**

![Dimensions Diagram]

**VERTICAL FLOAT SWITCH**

![Vertical Float Switch Diagram]

**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