

GSL60, GSL80 Sub-Prime® Electric Submersible Sludge Pumps

The line of Godwin Sub-Prime GSL electric submersible pumps is designed for large sludge or dewatering applications. The GSL60 model is capable of maximum flow rates from 240 gpm (15.1 l/sec) and discharge heads to 85 feet (25.9M). The GSL80 model is capable of maximum flow rates from 84 to 490 gpm (5.3 to 30.9 l/sec) and discharge heads to 154 feet (47M). Like the dewatering models in the Sub-Prime line, these submersible sludge pumps are suited to tough construction, mining and industrial applications. The design features a side discharge that handles solids up to 3.2" (81mm) in diameter* and rugged construction for long life, including a cast chromium steel impeller and heavy duty polyurethane-lined volute. Other benefits include tandem mechanical seals for dry running and extra protection against leakage, and a dual voltage junction chamber for convenient changeover in the field.*



Features

- Side discharge design handles maximum solid sizes from 1.3" to 3.2" (33mm to 81mm) in diameter
- Oversized power cable
- Dual voltage and dual phase motor
- High performance submersible motor
- Oversized, heavy duty ball bearings
- Tandem mechanical seals – primary seal is Silicon Carbide on Silicon Carbide
- Cast Chromium Steel vortex impeller and heavy duty replaceable polyurethane-lined volute
- Lightweight aluminum and corrosion resistant stainless steel cooling jacket
- Dry running capabilities
- Optional manual and automatic control panels available*

Specifications

| | Model | |
|--|-----------------------|--|
| | GSL60 Single Phase | GSL80 Three Phase |
| <i>HP (kW)</i> | 6.0 (4.5) | 8.0 (6.0) |
| <i>Max. GPM (l/sec.)</i> | HV 240(15.1) | HH 84 (5.3) HV 270 (17) SV 490 (30.9) |
| <i>Max. Head</i> | HV 86' (26.2) | HH 154' (47M) HV 115' (35M) SV 38' (11.6M) |
| <i>Discharge (Std.) (Optional)</i> | 3" (75mm) – | 4" (100mm) 3" (75mm) |
| <i>Cable</i> | 65' (20M) | 65' (20M) |
| <i>RPM</i> | HV 3400 | HH/HV 3400 SV 1700 |
| <i>Max. Temp.</i> | 103°F (40°C) | 103°F (40°C) |
| <i>PH Range</i> | 5.0-8.0 | 5.0-8.0 |
| <i>Voltage</i> | 230 | 230/460, 575 |
| <i>Amps</i> | HV 22.5 | HH 22/11, 8.9 HV 21/10, 8.3 SV 19/9.4, 7.5 |
| <i>Weight - lbs. (kg.)</i> | 129 (58.6) | 129 (58.6) |
| <i>Solids Handling</i> | HV 2" (50mm) | HH 1.3" (33mm) HV 2" (50mm) SV 3.2" (81mm) |
| <i>Max. Sub.</i> | 65' (20M) | 65' (20M) |



* Model GSL80

HV = High Volume

HH = High Head

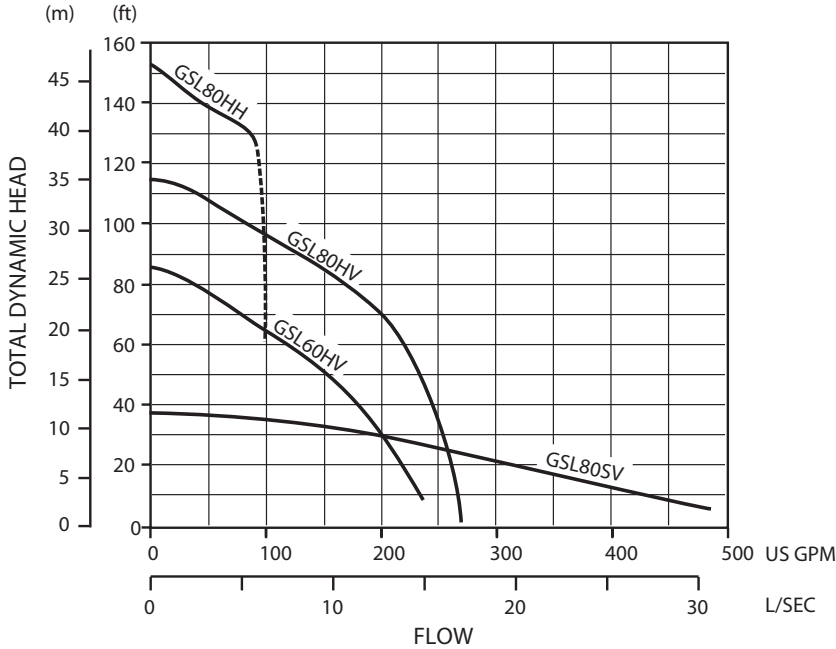
SV = Super High Volume

* **Single phase Godwin Model GSL60 will not operate without a Godwin Pumps custom control panel for both manual and automatic operation.**

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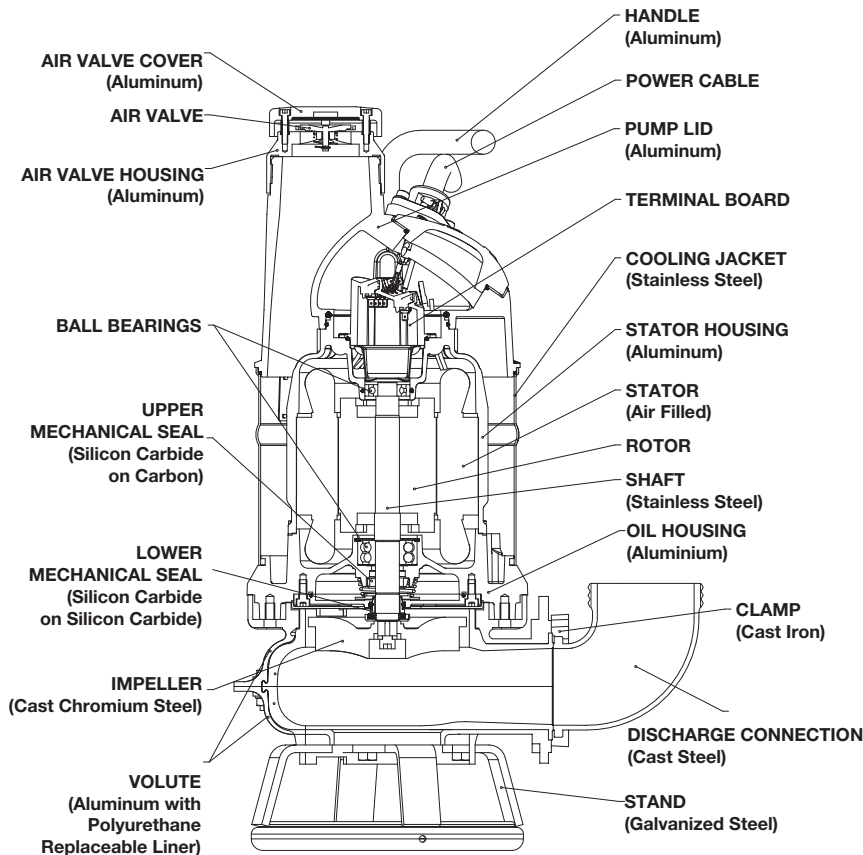


GSL60, GSL80 Sub-Prime® Performance Curves

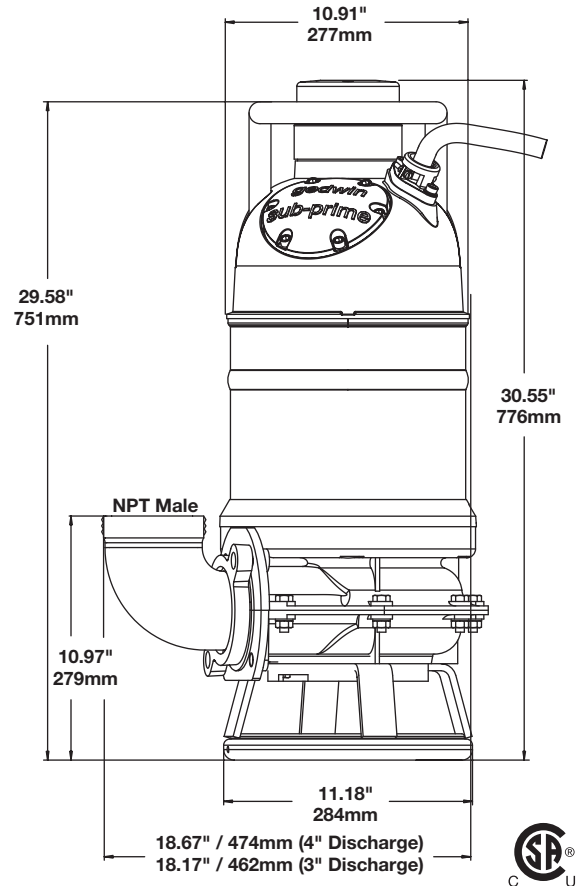


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

Design & Construction



Dimensions



AQUATECH™

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BRANCH LOCATIONS:

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