

GSP600 Sub-Prime® Electric Submersible Dewatering Pumps

The line of Godwin Sub-Prime GSP electric submersible pumps is designed for large dewatering applications requiring high head or high volume. Specifically, the GSP600 is capable of flow rates to 3,650 gpm (230 l/sec.) and discharge heads to 338 feet (103M). Like the small dewatering and trash handling models in the Sub-Prime line, these large dewatering submersible pumps are suited to tough construction, mining and industrial applications. They feature a slim-line design ideal for fitting into confined spaces and rugged construction for longer life, specifically a cast chromium steel impeller and heavy duty polyurethane coated adjustable wear parts. The GSP600 also features oil bath tandem mechanical seals for dry running and extra protection against leakage.



Features

- Convenient top discharge
- Compact slim-line design
- Oversized power cable
- High performance submersible motor
- Oversized, heavy duty ball bearings
- Oil bath tandem mechanical seals – Tungsten Carbide on Tungsten Carbide primary seal
- Cast Chromium Steel impeller and heavy duty polyurethane coated adjustable wearparts
- Lightweight aluminum and corrosion resistant stainless steel cooling jacket
- Dry running capabilities
- Optional manual and automatic control panels available

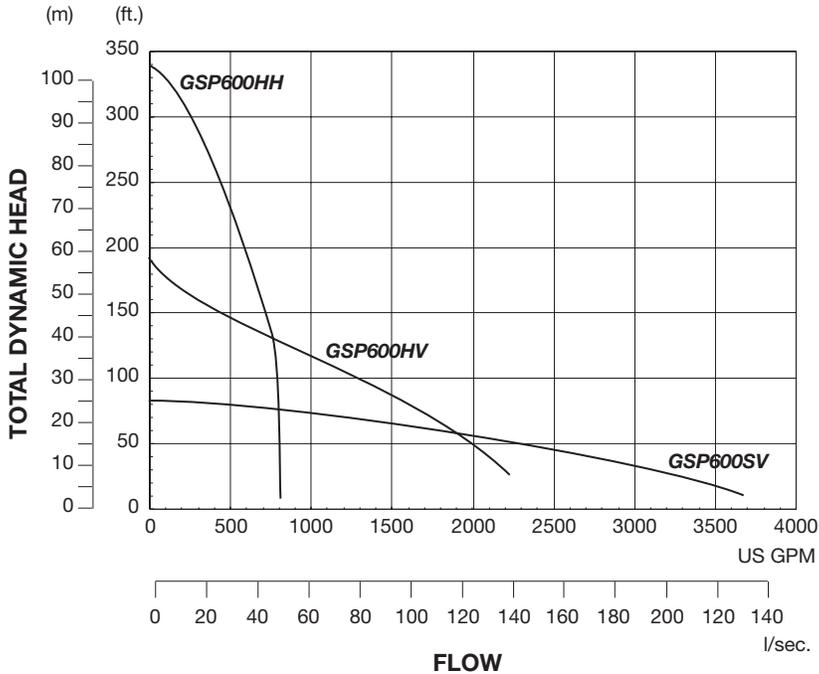
Specifications Three-Phase Models

| | HV | Model HH | SV |
|--------------------|-------------------------|------------------------|-------------------------|
| <i>HP (kW)</i> | 60.0 (44.8) | 60.0 (44.8) | 60.0 (44.8) |
| <i>Max. Flow</i> | 2,400 gpm 151 l/sec. | 800 gpm 50.5 l/sec. | 3,650 gpm 230 l/sec. |
| <i>Max. Head</i> | 187' 57M | 338' 103M | 82' 25M |
| <i>Discharge</i> | 8" (200mm) | 6" (150mm) | 8" (200mm) |
| <i>Cable</i> | 65' (20M) | 65' (20M) | 65' (20M) |
| <i>RPM</i> | 3500 | 3500 | 1750 |
| <i>Max. Temp.</i> | 103°F (40°C) | 103°F (40°C) | 103°F (40°C) |
| <i>PH Range</i> | 5.0-8.0 | 5.0-8.0 | 5.0-8.0 |
| <i>Voltage</i> | 460, 575 | 460, 575 | 460, 575 |
| <i>Phase</i> | 3 | 3 | 3 |
| <i>Amps</i> | 63, 50 | 55, 44 | 58, 47 |
| <i>Hertz</i> | 60 | 60 | 60 |
| <i>Weight</i> | 628 lbs. 285 kg. | 628 lbs. 285 kg. | 628 lbs. 285 kg. |
| <i>Max. Solids</i> | .5" (13mm) | .5" (13mm) | .5" (13mm) |

HV = High Volume
HH = High Head
SV = Super High Volume

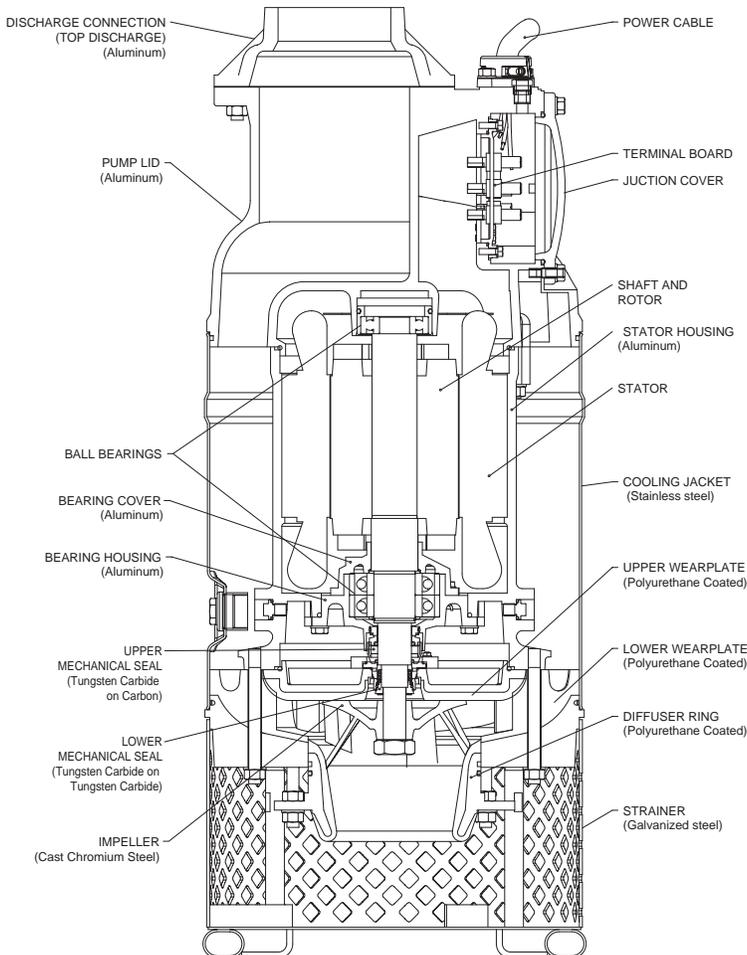


GSP600 Sub-Prime® Performance Curves

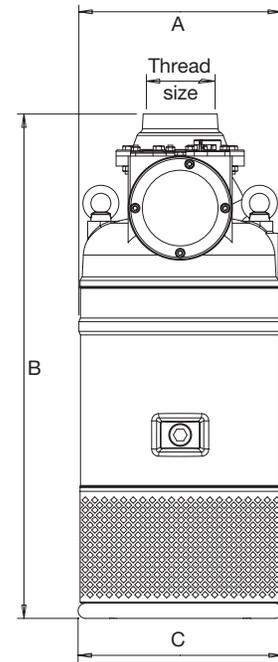


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

Design & Construction



Dimensions



| | A | B | C | Female Thread |
|-----------|-----------------|------------------|-----------------|---------------|
| HV | 19.92" 506mm | 49.6" 1260mm | 20.08" 510mm | 8" 200mm |
| HH | 19.92" 506mm | 53.13" 1350mm | 20.08" 510mm | 6" 150mm |
| SV | 19.92" 506mm | 49.20" 1250mm | 20.08" 510mm | 8" 200mm |

godwin
pumps

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BRANCH LOCATIONS:

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North Carolina • South Carolina • Georgia
Florida • Texas Montana • California • Washington

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