

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

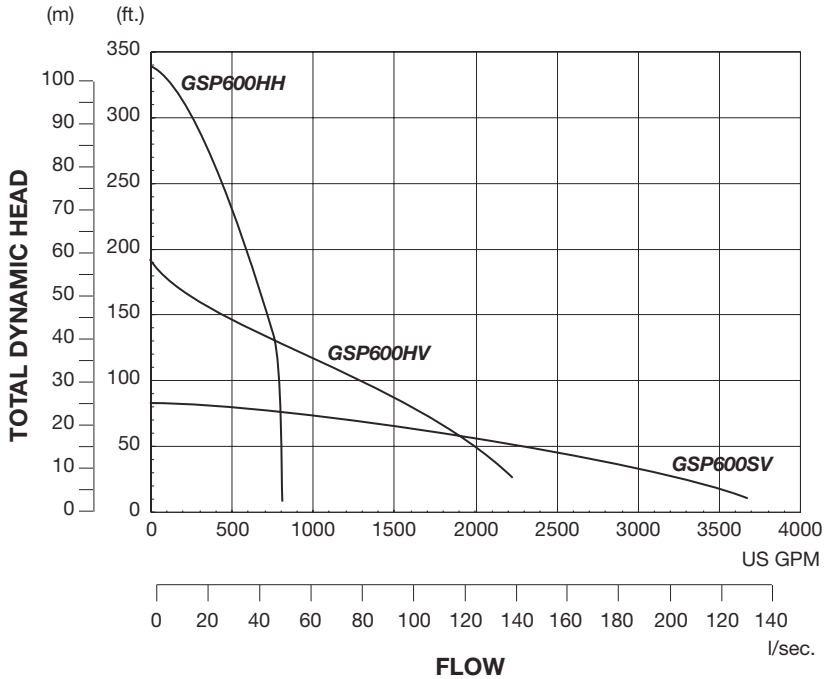
	HV	Model HH	SV
<i>HP (kW)</i>	60.0 (44.8)	60.0 (44.8)	60.0 (44.8)
<i>Max. Flow</i>	2,400 gpm 151 l/sec.	800 gpm 50.5 l/sec.	3,650 gpm 230 l/sec.
<i>Max. Head</i>	187' 57M	338' 103M	82' 25M
<i>Discharge</i>	8" (200mm)	6" (150mm)	8" (200mm)
<i>Cable</i>	65' (20M)	65' (20M)	65' (20M)
<i>RPM</i>	3500	3500	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)
<i>Max. Sub.</i>	65' (20M)	65' (20M)	65' (20M)



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

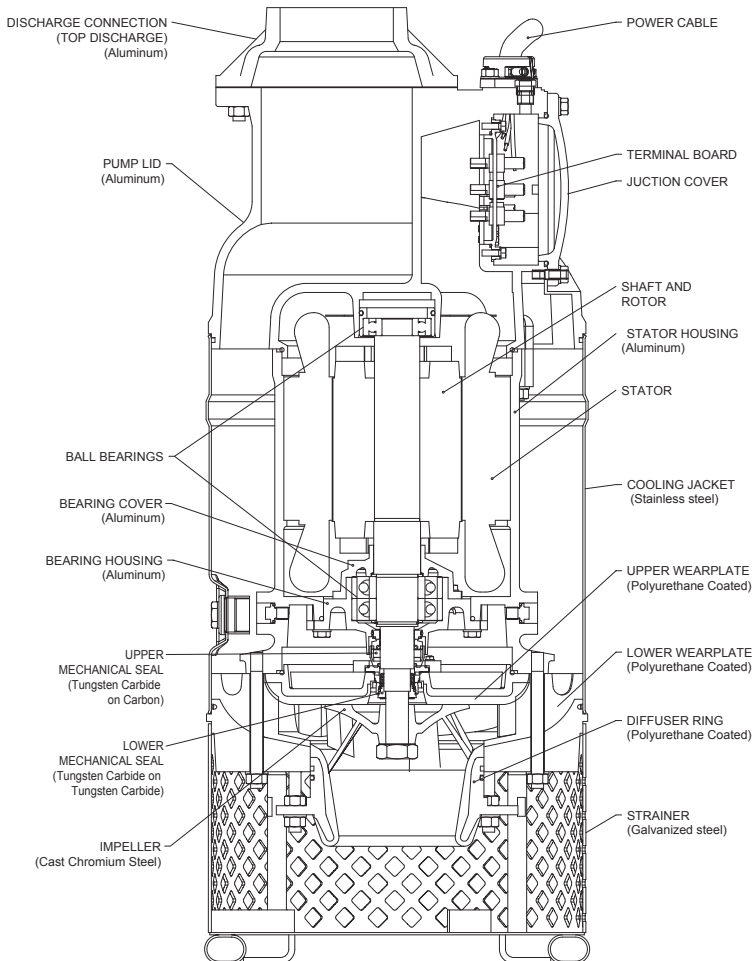


GSP600 Sub-Prime® Performance Curves

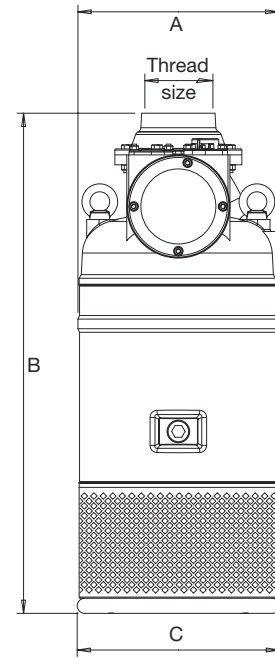


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

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



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BRANCH LOCATIONS:

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Illinois • Maryland • Virginia • West Virginia
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GPASL.090.206