

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

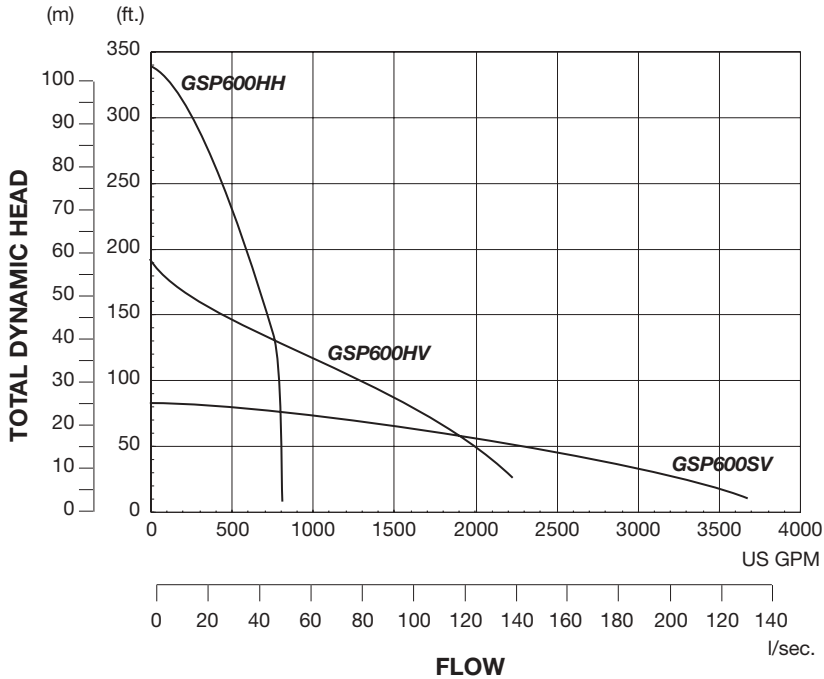
Specifications Three-Phase Models

	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

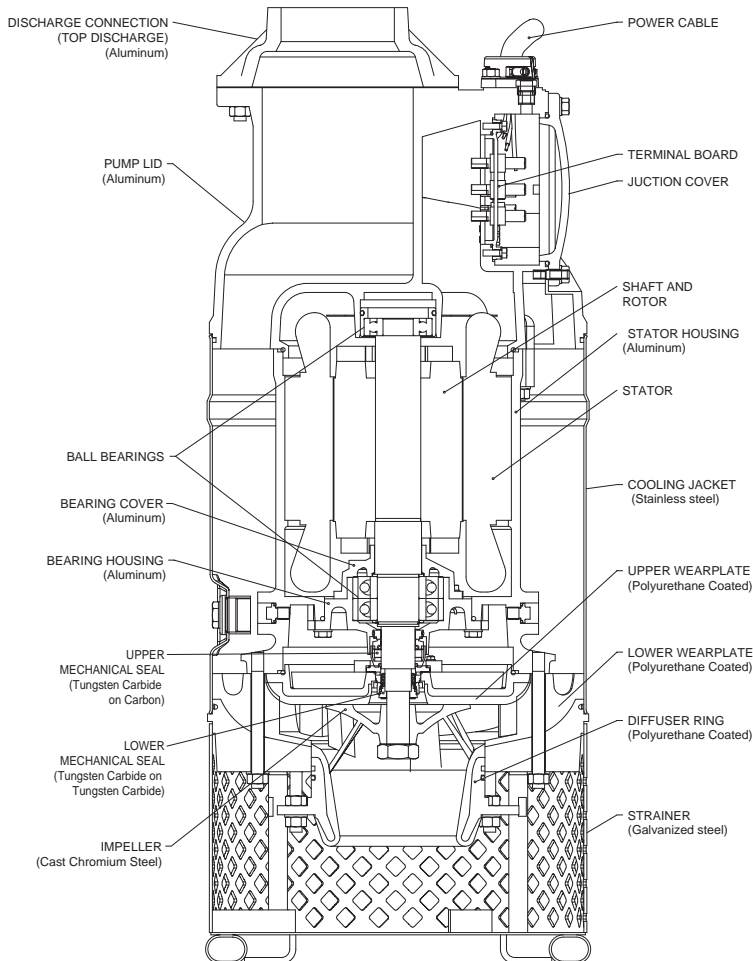


GSP600 Sub-Prime® Performance Curves

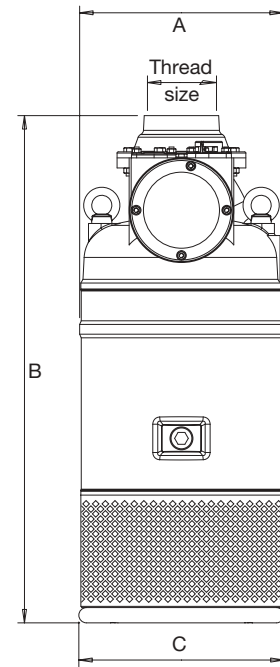


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

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

One Floodgate Road, Bridgeport, NJ 08014, USA
(856) 467-3636 • Fax: (856) 467-4841

Quenington, Cirencester, Glos., GL7 5BX, UK
+44 (0)1285-750271 • Fax: +44 (0)1285-750352

E-mail: sales@godwinpumps.com
www.godwinpumps.com

BRANCH LOCATIONS:

Connecticut • Pennsylvania • New York • Ohio
Illinois • Maryland • Virginia • West Virginia
North Carolina • South Carolina • Georgia
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GPASL.090.505