

GSP600 Sub-Prime® Electric Submersible Dewatering Pumps

The range of Godwin Sub-Prime GSP electric submersible pumps has been designed for the large dewatering applications. The GSP600 model is capable of maximum flow rates from 200 to 870 m³/hr and discharge heads from 23 to 90 metres. Like other models in the Sub-Prime range, the reliable GSP600 is suitable for tough construction jobs, quarrying, mining and industrial applications. They feature a slim-line design, making them ideal for fitting into confined spaces, and rugged construction for long life, specifically a chromium-alloy white cast iron impeller and heavy duty polyurethane coated adjustable wearing parts. The units also include a double mechanical seal for dry running and extra protection against leakage.



Features

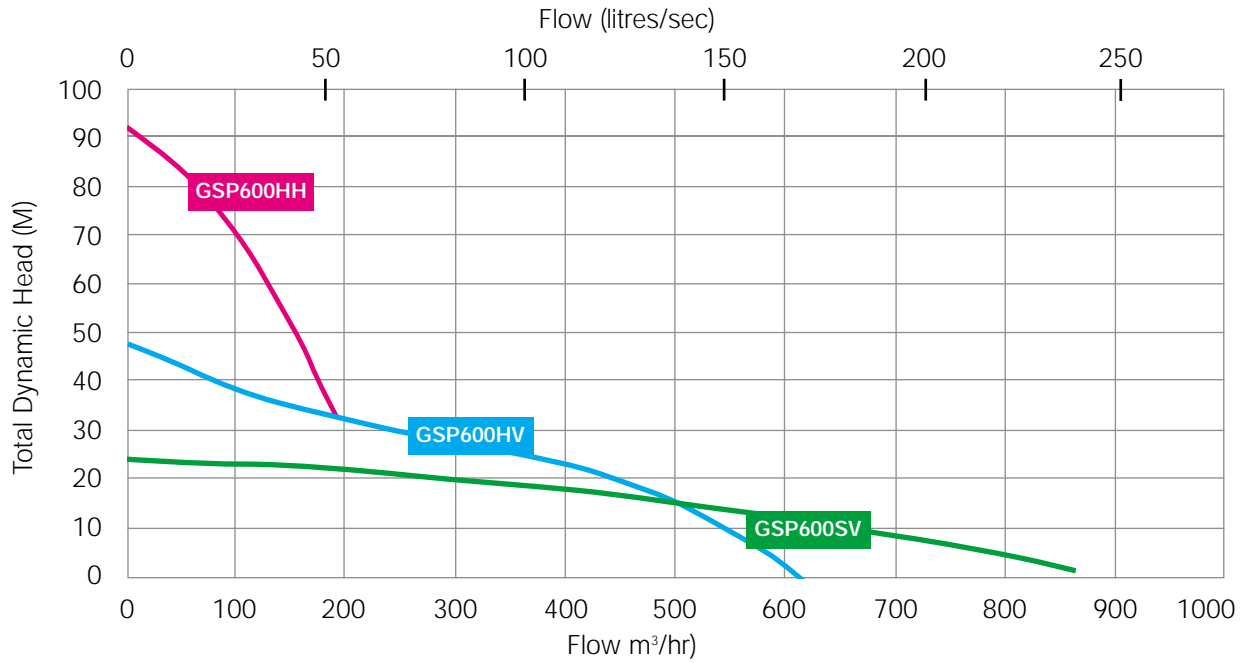
- Convenient top discharge
- Compact, slim-line design
- Terminal junction chamber
- High performance submersible motor with thermal protection
- Oversized, heavy duty bearings
- Double mechanical seals, with tungsten carbide on tungsten carbide interfaces on the primary seal
- Chromium-alloy white cast iron impeller and heavy duty polyurethane coated adjustable wearing parts
- Lightweight aluminium and corrosion resistant stainless steel cooling jacket.
- Dry running capabilities
- Power cables to suit application
- Option of manual or automatic control panels

Specifications

(Model)	HV	SV	HH
Motor Power (kW)	40	35	40
Max. Flow (m ³ /hr)	600	870	200
Max. Head (m)	46	23	90
Discharge Connection	8" BSP	8" BSP	6" BSP
Speed (RPM)	2900	1450	2900
Max. Temp (°C)	40	40	40
pH Range	5 - 8	5 - 8	5 - 8
Voltage	400	400	400
Phase	3	3	3
Amperage	62	64	62
Weight (kg)	285	285	285
Solids Handling	12mm	12mm	12mm
Max. Submergence	20m	20m	20m

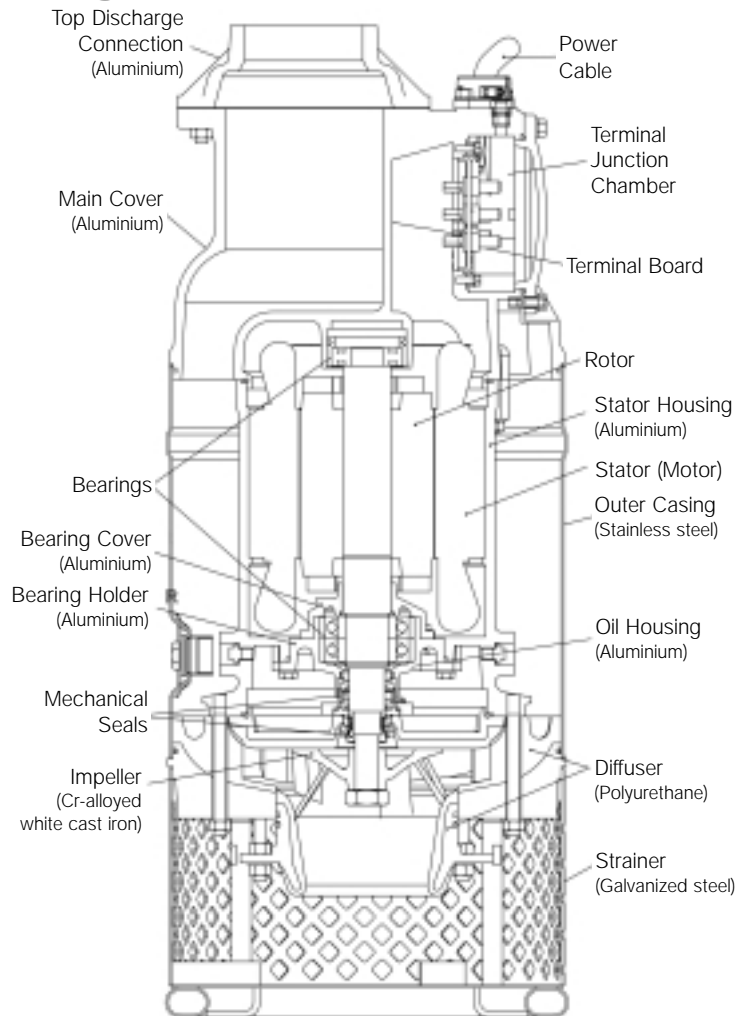
HV = High Volume
SV = Super High Volume
HH = High Head

GSP600 Sub-Prime® Performance Curves

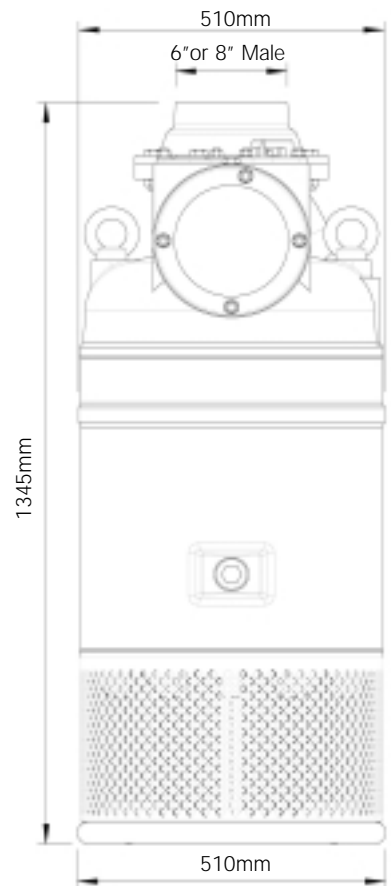


Warning: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids

Design & Construction



Dimensions



Specification and illustrations subject to revision without notice. All information is approximate and for general guidance. Sub-Prime and the colour orange for pumps are registered trademarks of Godwin Pumps of America, Inc.

GSP600-1 06/05



Assessed to ISO 9001:2000
Certificate No. 224

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