

GSP40SL, GSP60SL Sub-Prime® SlimLine Electric Submersible Dewatering Pumps

GSP40SL
GSP60SL

The line of Godwin Sub-Prime GSP SlimLine electric submersible pumps is designed for large dewatering applications requiring high head or high volume. The GSP40SL and GSP60SL models are capable of maximum flow rates from 175 to 365 gpm (39.7 to 82.9 M³/hr.) and maximum discharge heads from 70 to 175 feet (21.3 to 53.3M). Like the other dewatering and trash handling models in the Sub-Prime line, these SlimLine dewatering submersible pumps are suited to tough construction, mining and industrial applications. The SlimLine design with maximum diameter of 7.25" (184mm) fits easily into confined spaces such as casings or caissons. Long life, rugged construction features a cast chromium steel impeller and heavy duty rubber coated adjustable wear parts. Other features and 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

- Convenient top discharge
- Compact slim-line design
- Oversized power cable
- Dual phase / dual voltage junction chamber
- High performance submersible motor
- Oversized, heavy duty ball bearings
- Tandem mechanical seals – Silicon Carbide on Silicon Carbide primary seal
- Cast Chromium Steel impeller and heavy duty rubber coated adjustable wearparts
- Lightweight aluminum and corrosion resistant stainless steel cooling jacket
- Dry running capabilities
- Optional manual and automatic control panels available

Specifications

	Model	
	GSP40SL Single Phase	GSP60SL Three Phase
<i>HP (kW)</i>	4.0 (3.0)	6.0 (4.5)
<i>Max. GPM (M³/Hr.)</i>		
HV	317 (72.0)	365 (82.9)
HH	175 (39.7)	200 (45.4)
<i>Max. Head - Ft. (M)</i>		
HV	70' (21.3M)	89' (27.1M)
HH	138' (42.1M)	177' (53.9M)
<i>Discharge</i>		
Standard	3" (75mm)	3" (75mm)
Optional	2" (50mm)	2" (50mm)
<i>Impeller</i>		
HV	Single	Single
HH	Two Stage	Two Stage
<i>Cable</i>	100' (30.5M)	100' (30.5M)
<i>RPM</i>	3400	3400
<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
<i>Phase</i>	1	3
<i>Amps</i>	18	16/8
<i>Weight</i>	68 lbs. 31 kg.	68 lbs. 31 kg.
<i>Max. Solids</i>	.33" (8.5mm)	.33" (8.5mm)
<i>Max. Sub.</i>	65' (20M)	65' (20M)

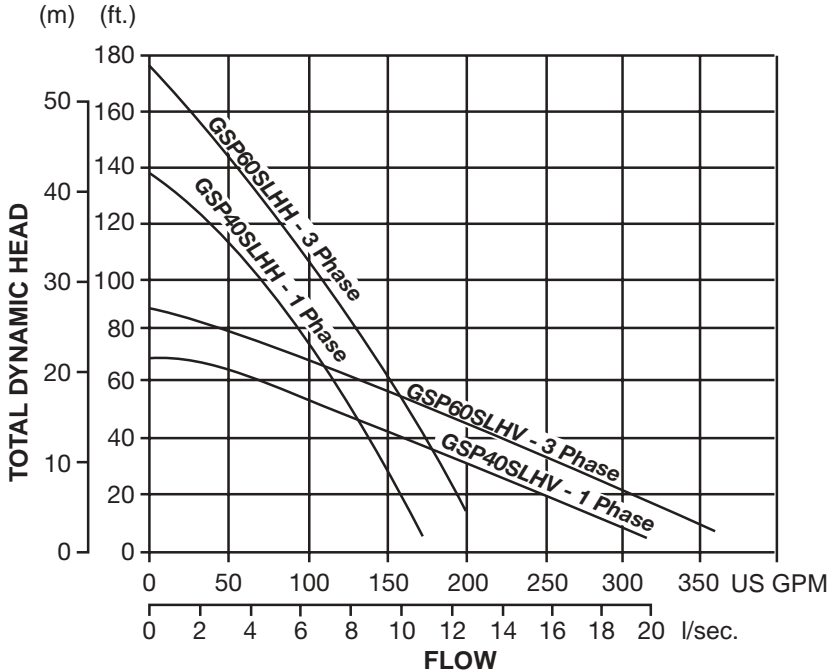


HV = High Volume, Single Stage Impeller
HH = High Head, Two Stage Impeller

godwin
pumps

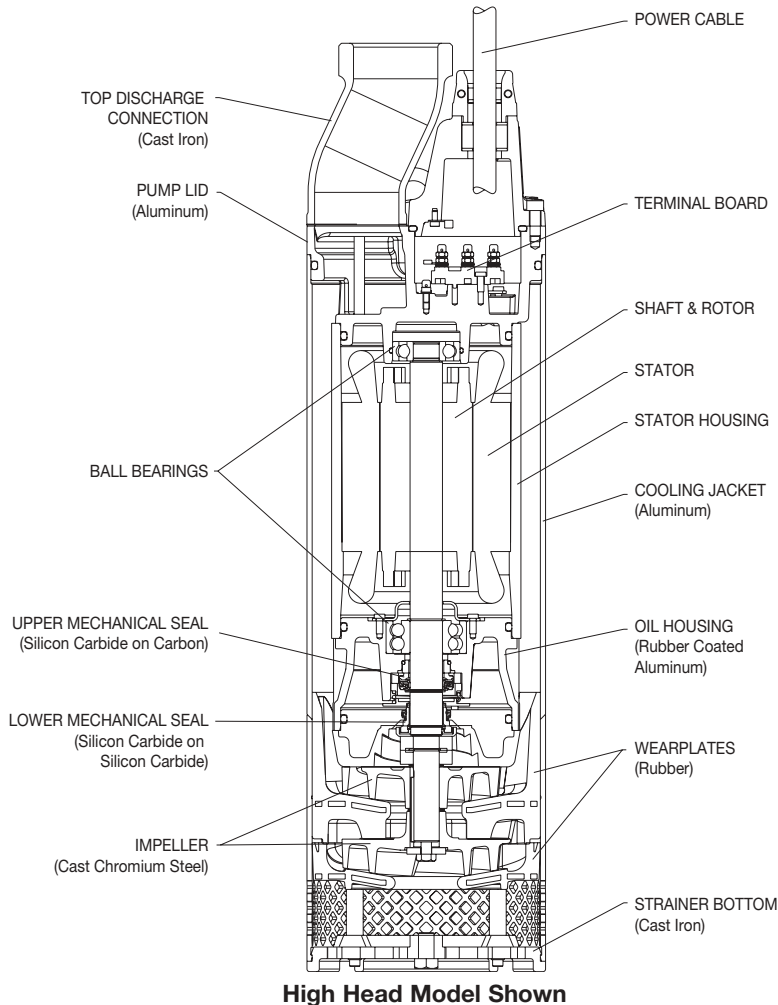


GSP40SL, GSP60SL Sub-Prime® Performance Curves

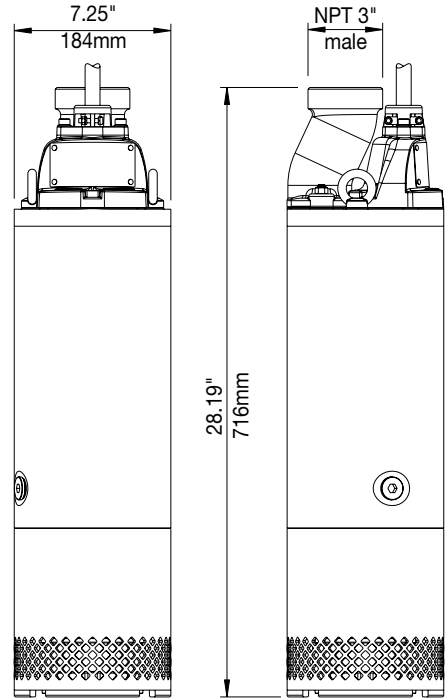


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

Design & Construction



Dimensions



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
Florida • Texas • Montana • California • Washington

Sub-Prime® and the color orange for pumps are registered trademarks of Godwin Pumps of America, Inc. Specifications and illustrations are subject to revision without notice.

© Copyright 2003-2006 Godwin Pumps of America, Inc. All rights reserved.