# GSP55, GSP80, GSP130 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. The GSP55, GSP80 and GSP130 models are capable of maximum flow rates from 250 to 900 gpm (15.8 to 56.8 l/sec.) and maximum discharge heads from 75 to 262 feet (23 to 80M). 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 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 voltage junction chamber
- Dual phase changeover capability for models GSP55 and GSP80
- 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

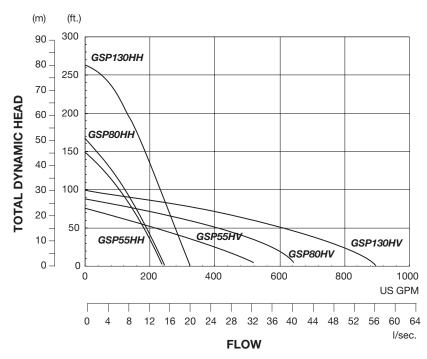
HV = High Volume HH = High Head

#### Specifications Three-Phase Models

	GSP55	Model GSP80	GSP130
HP (kW)	5.5 (4.1)	8.0 (6.0)	13.0 (9.7)
Max. GPM (I/s HV HH	ec. <i>)</i> 550 (34.7) 250 (15.8)	660 (42) 250 (15.8)	900 (56.8) 300 (18.9)
<i>Max. Head - F</i> HV HH	<i>t. (M)</i> 75' (23M) 150' (45.7M)	85' (25.9M) 170' (51.8M)	100' (34.8M) 262' (80M)
Discharge	4" (100mm)	4" (100mm)	4" (100mm)
Cable	65' (20M)	65' (20M)	65' (20M)
RPM	3400	3400	3400
Max. Temp.	103°F (40°C)	103°F (40°C)	103°F (40°C)
PH Range	5.0-8.0	5.0-8.0	5.0-8.0
Voltage	230/460, 575	230/460, 575	230/460, 575
Phase	3	3	3
Amps (230V/4 HV HH	60V) 14/6, 5.5 15/7.5, 6	22/11, 8.7 21/10.7, 8.5	33.0/16, 13 33.0/16, 13
Weight	94 lbs. 43 kg.	107 lbs. 49 kg.	131 lbs. 60 kg.
Max. Solids	.33" (8.5mm)	.33" (8.5mm)	.33" (8.5mm)

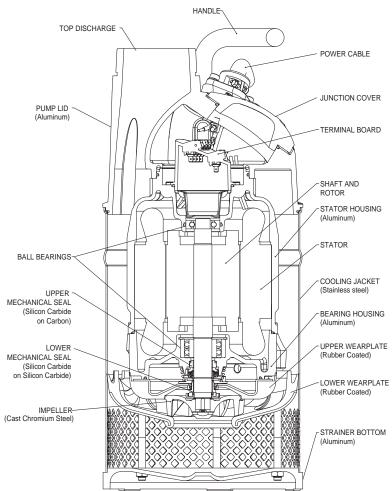


#### GSP55, GSP80, GSP130 Sub-Prime<sup>®</sup> Performance Curves

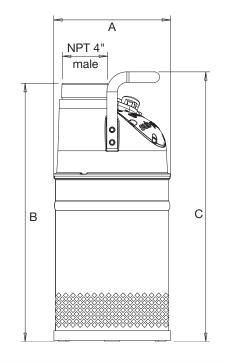


**WARNING:** Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

## **Design & Construction**



#### **Dimensions**



Model	Α	В	С
GSP55	10.91"	24.11"	25.2"
	277mm	613mm	640mm
GSP80	10.91"	24.11"	25.2"
	277mm	613mm	640mm
GSP130	10.91"	26.28"	27.36"
	277mm	668mm	695mm



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

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