

GSP05/10/20 Sub-Prime[®] Electric Submersible Pumps

The GSP Sub-Prime line is a selection of portable, electric submersible dewatering pumps available for a wide range of pumping applications on construction, industrial, mining, utility, and municipal job sites. Available in 0.5 hp / 0.4 kW (GSP05), 1 hp / 0.75 kW (GSP10), and 2 hp / 1.5 kW (GSP20) models, the GSP Sub-Prime offers flow rates from 70 to 110 gpm (4.4 to 6.9 l/sec) and maximum heads from 39 to 70 feet (11.9 to 21.3 meters). Compact design allows these versatile units to go where other pumps simply do not fit. An optional piggy back single float switch can be supplied as a cost effective choice for applications requiring automatic operation.



Features and Benefits

- UL and CSA listed and approved *
- Dry-running capability without damage
- No control panel required for starting. (Control panel is needed for motor protection.)
- Portable, lightweight, durable
- Slim line top discharge design, only 7.2 in. (183mm) diameter for GSP05 and GSP10 models, 9.25 in. (235mm) diameter for the GSP20 model.
- Non-wicking cable with strain relief
- High-torque, capacitor-start motor
- Motor thermal overload protection
- Outer jacket for continuous cooling of motor
- Silicon Carbide upper and lower mechanical seals
- Triple sealed – internal upper and lower mechanical seals and external lip seal
- Torque flow impeller

Specification

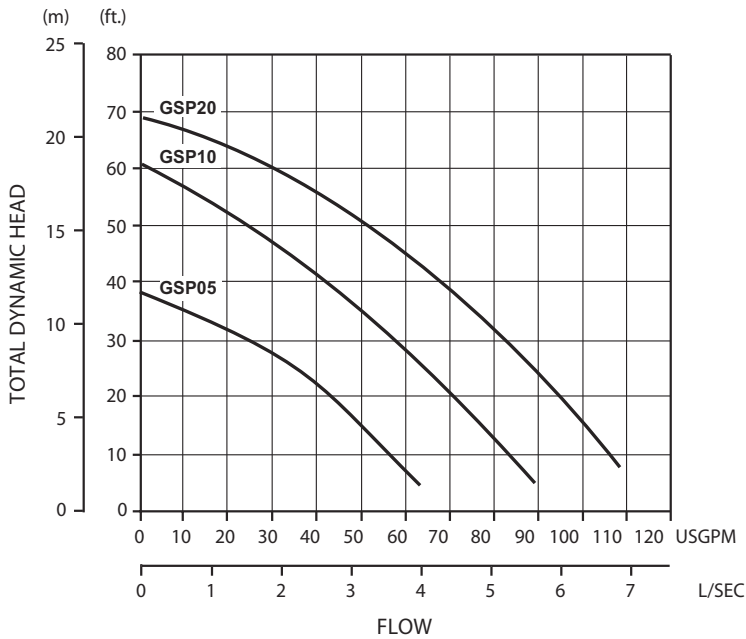
	GSP05	GSP10	GSP20
HP (kW)	0.5 (0.4)	1.0 (.75)	2.0 (1.5)
Max. Flow - gpm (l/sec)	70 (4.4)	90 (5.7)	110 (6.9)
Max. Head - ft (m)	39 (11.9)	60 (18.3)	70 (21.3)
Max. Solids - in. (mm)	1/3 (9)	1/3 (9)	1/3 (9)
Cable Length - ft (m)	30 (9)	50 (15)	50 (15)
Discharge - in. (mm)	2 (50)	2 (50)	3 (75)
RPM	3600	3600	3600
Max. Fluid Temp.	90° F (32° C)	90° F (32° C)	104° F (40° C)
PH Range	6.5-8.0	6.5-8.0	6.5-8.0
Voltage	115, 230	115, 230	115/230
Amps	5.8, 3.2	10.3, 5.11	25.9/13.0
Phase	Single	Single	Single
Height - in. (mm)	12.8 (325)	14.1 (358)	24.5 (622)
Width - in. (mm)	7.2 (183)	7.2 (183)	9.25 (235)
Weight - lbs. (kg)	20 (9)	29 lbs. (13)	61 (28)
Max. Sub. - ft (m)	16.5 (5)	16.5 (5)	16.5 (5)



* n.a. for GSP20

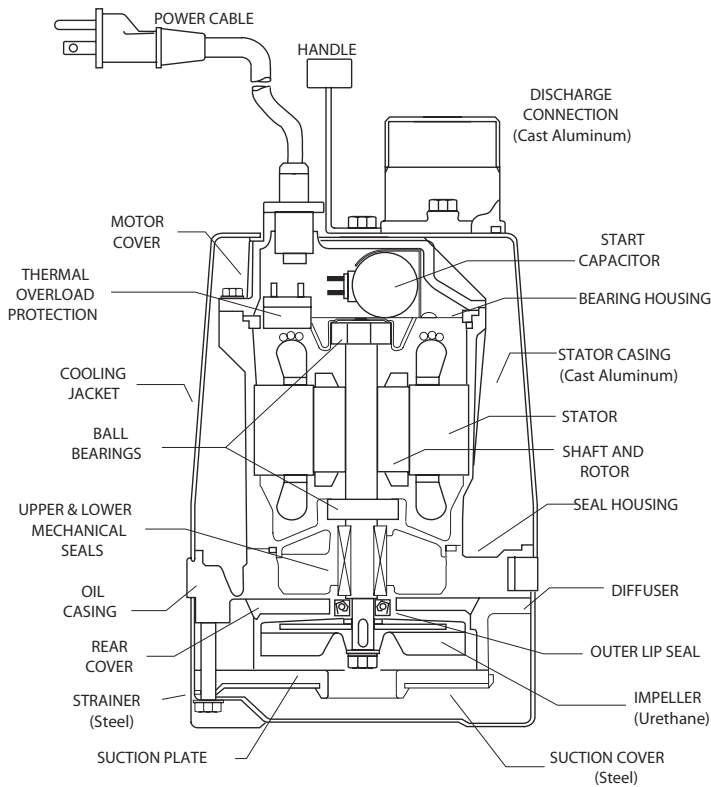
godwin 
a xylem brand

GSP Sub-Prime® Performance Curves



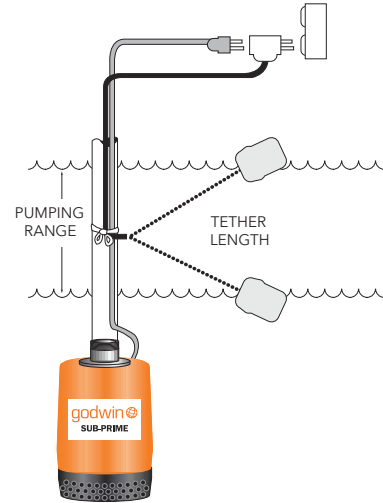
WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

Design & Construction



Float Switch

Optional Float Switches available for automatic, remote activation of Sub-Prime pumps. Package consists of 30 ft/50ft (9m/15m) power cord with piggy-back power plug, variable length float tether, and sealed float. Typical configuration shown below.

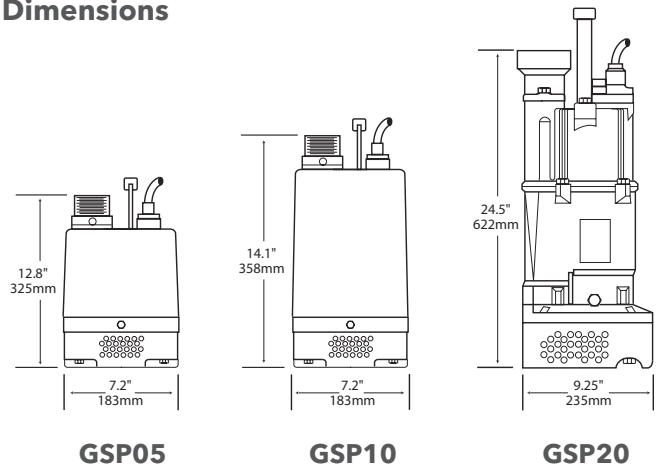


Pumping range determined by tether length according to the following guide.

Tether Length	3.5	5	7	9	11	13	15	in.
	89	127	178	229	279	330	381	mm.
Pumping Range	6.5	7.5	8.5	10	11	12.5	13.5	in.
	165	1914	216	254	279	318	343	mm.

Pumping range based on operation in non-turbulent conditions. Actual range may vary due to temperature conditions and cord shape. Tether length increases variance of pumping range.

Dimensions



Wet-Prime Pumps

The Wet-Prime line of portable, gasoline-powered pumps are available in dewatering, trash, pressure and plastic models. Wet-Prime pumps are capable of maximum heads to 187 ft (57 m) and maximum flows to 425 gpm (95 m³/h). The pumps feature durable, lightweight steel roll cage for added protection and easy maneuvering. They include high performance engine with "Oil Alert" system and electronic ignition to increase fuel efficiency. Wet-Prime Pumps are ideal for applications including construction dewatering, landscaping and irrigation, farming, remote firefighting and marine construction.



Dewatering

The Wet-Prime Dewatering pumps are suitable for pumping water with light abrasives and small solids, semi-trash construction and industrial dewatering, landscaping and irrigation, utilities, manholes and vault draining.

Trash

The Wet-Prime Trash pumps are suitable for construction and industrial, trash-laden water, stream/pond dewatering, septic tanks and manholes, pumping water with light abrasives and solids.

Pressure

The Wet-Prime Pressure pumps are suitable for marine construction, remote firefighting, landscaping, irrigation, tank cleaning and jetting.

Plastic

The Wet-Prime Plastic pumps are suitable for agricultural chemicals, general dewatering, landscaping, irrigation, saltwater dewatering, and swimming pools.

Dewatering				
	GWP-25HX	GWP-50HX	GWP-80HX	GWP-100HX
				
Suction/Discharge Dia. - in. (mm)	1 (25)	2 (50)	3 (80)	4 (100)
Solids Handling Dia. - in. (mm)	0.2 (5)	0.75 (19)	0.75 (19)	0.75 (19)
Max Head - ft (m)	106 (32)	95 (29)	85 (26)	92 (28)
Max Flow - gpm (m ³ /h)	30 (6.9)	158 (36)	238 (54)	383 (87)
Power - HP (kW)	1.1 (0.8)	4.0 (3)	5.5 (4.1)	8.0 (5.9)
Fuel Tank Cap. - gal (l)	0.15 (0.55)	0.66 (2.5)	0.95 (3.6)	1.58 (6)
Dimensions - in.	9x14x13	18x14x15	20x15x17	26x20x26
Weight - lbs. (kg)	12.1 (5.5)	51 (23)	64 (29)	123 (56)

Dewatering Pumps Features and Benefits:

GWP-25HX

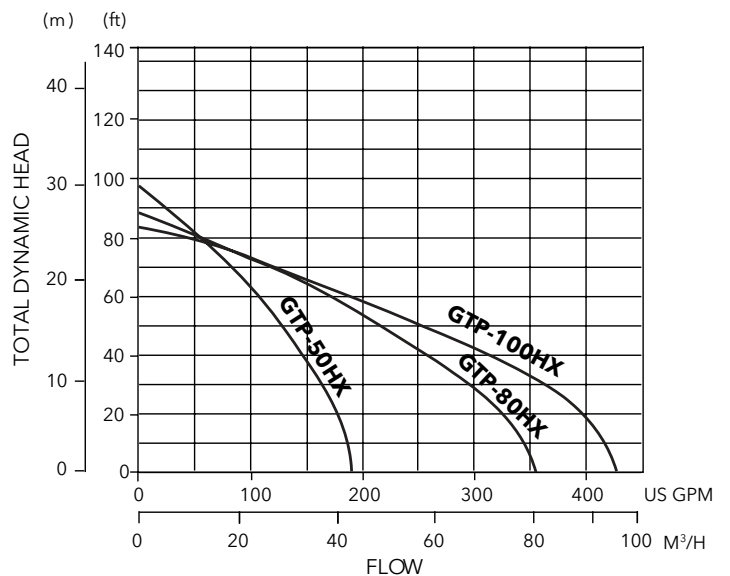
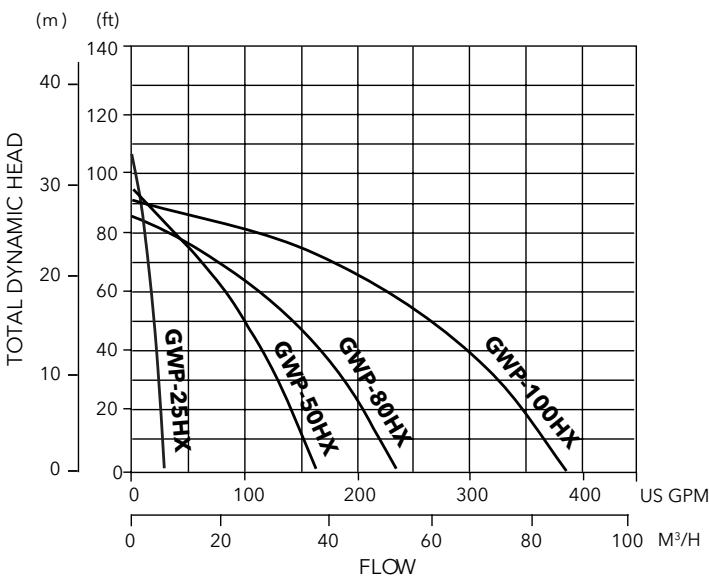
- Carbon ceramic mechanical seal for increased protection
- Die-cast aluminum volute and impeller
- Lightweight die-cast aluminum pump casing
- High efficiency, four-stroke engine






GWP-50HX, GWP-80HX & GWP-100HX

- Semi-trash handling capability
- Abrasion resistant solid silicon carbide mechanical seal for superior durability
- High-grade ductile iron volute and impeller for reduced wear and maintenance
- Removable, lightweight die-cast aluminum pump casing
- Rubber mounts for reduced vibration

Trash Pumps Features and Benefits:

- Solids handling capability
- Abrasion resistant solid silicon carbide mechanical seal for superior durability and protection
- High-grade ductile iron volute and wearplate for reduced wear and maintenance
- Hi-chrome cast iron impeller for reduced wear and maintenance
- Removable, lightweight die-cast aluminum cover and volute for fast debris removal
- Rubber engine mounts for reduced vibration



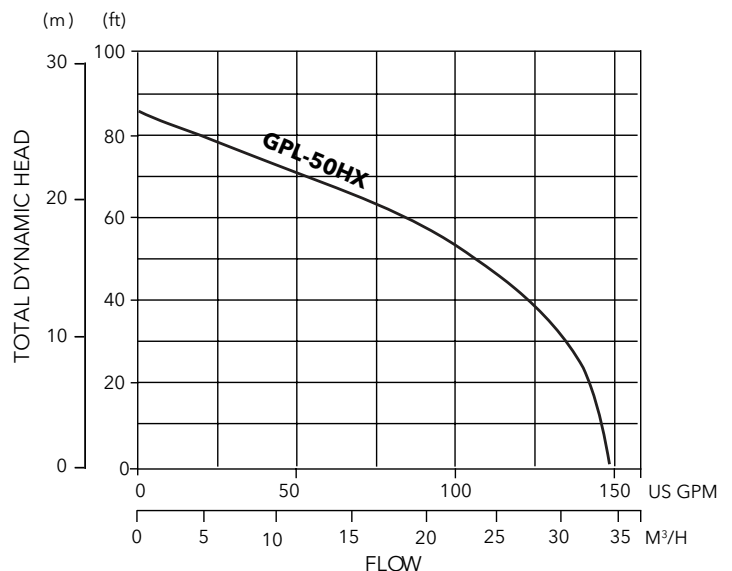
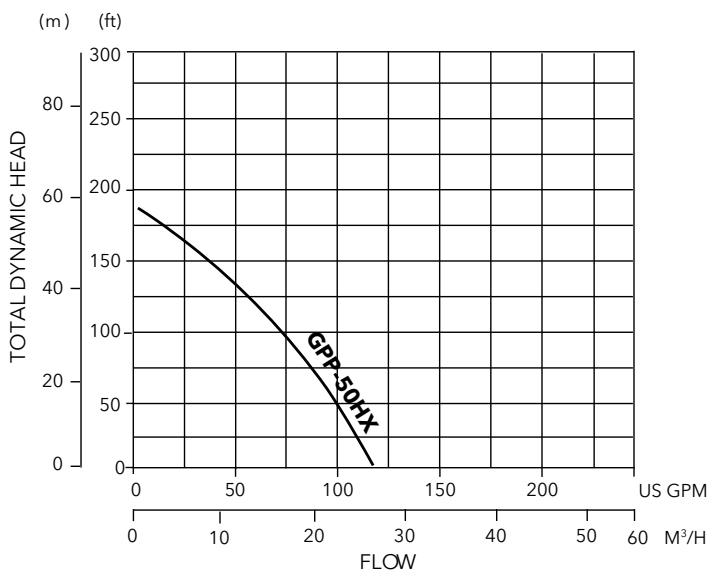
	Trash			Pressure	Plastic
	GTP-50HX	GTP-80HX	GTP-100HX	GPP-50HX	GPL-50HX
					
Suction/Discharge Dia. - in. (mm)	2 (50)	3 (80)	4 (100)	2 (50)	2 (50)
Solids Handling Dia. - in. (mm)	1 (25)	1.5 (38)	2 (50)	0.12 (3)	0.12 (3)
Max Head - ft (m)	98 (30)	89 (27)	82 (25)	187 (57)	85 (26)
Max Flow - gpm (m ³ /h)	185 (42)	354 (80)	425 (96)	116 (26)	148 (34)
Power - HP (kW)	5.5 (4.1)	8.0 (6)	11.0 (8.2)	5.5 (4.1)	4.0 (3.0)
Fuel Tank Cap. - gal (l)	0.95 (3.6)	1.58 (6)	1.72 (6.5)	0.95 (3.6)	0.45 (1.7)
Dimensions - in.	24x18x19	27x19x22	30x28x28	20x15x17	20x15x16
Weight - lbs. (kg)	104 (47)	128 (58)	172 (78)	71 (32)	46 (21)

Pressure Pump Features and Benefits:

- Carbon ceramic seals for increased durability and shaft/seal protection
- Cast iron volute & impeller
- Durable, lightweight steel roll cage for added protection and easy maneuvering
- High performance engine with Oil Alert system and electronic ignition to increase fuel efficiency

Plastic Pump Features and Benefits:

- Lightweight, thermoplastic construction resists light chemicals and corrosion
- Carbon ceramic seals with EPDM elastomers for increased protection
- Thermoplastic volute and impeller for increased portability and chemical resistance
- Durable, lightweight steel roll cage for added protection and easy maneuvering
- High performance engine with Oil Alert system and electronic ignition to increase fuel efficiency



Wet-Prime Accessories Wheel Kits

The Godwin Wheel Kits are designed to add functionality to your Wet-Prime pumps by adding ease-of-mobility in the field. The wheel kits fit all models in the Wet-Prime line, and may also be fitted to most portable generators and other brands of pumps due to a unique sliding axle system (WK12). These high-quality units feature impossible-to-puncture 10 in. diameter tires with knobby treads for construction sites. These kits can be installed or removed in a matter of minutes with simple hand tools. No welding or drilling of your pump frame is required.



Features and Benefits

- Rugged 1 in. diameter, tubular steel handles
- Heavy-duty wheels with steel hubs and dual ball bearings
- 10 in. diameter, airless tires with knobby treads for all-terrain use
- Kit includes all clamps, brackets and hardware for quick installation
- WK12 sliding axle accommodates frame widths from 13 in. to 21 in.
- Maximum weight load - 320 lbs.

Specification

Model	WK12 (sliding axle)
GWP-25HX	N/A
GWP-50HX	•
GWP-80HX	•
GWP-100HX	•
GTP-50HX	•
GTP-80HX	•
GTP-100HX	•
GPP-50HX	•
GPL-50HX	•