

GSP20SL SlimLine Sub-Prime® Electric Submersible Pumps

The line of Godwin Sub-Prime GSP SlimLine electric submersible pumps for dewatering applications features a slim-line design ideal for fitting into caissons or other confined spaces. The GSP20SL model is capable of maximum flow rates to 140 GPM (31.8 m³/hr.) and discharge heads to 65' (19.8 m). Like the small dewatering and trash handling models in the Sub-Prime line, these submersible dewatering pumps are suited to tough construction, mining and industrial applications. The GSP20SL features rugged construction for long life, specifically a cast iron impeller, diffuser and bottom plate. Other features and benefits include tandem mechanical seals for dry running and a dual voltage single phase motor or dual voltage three-phase motor for convenient changeover.



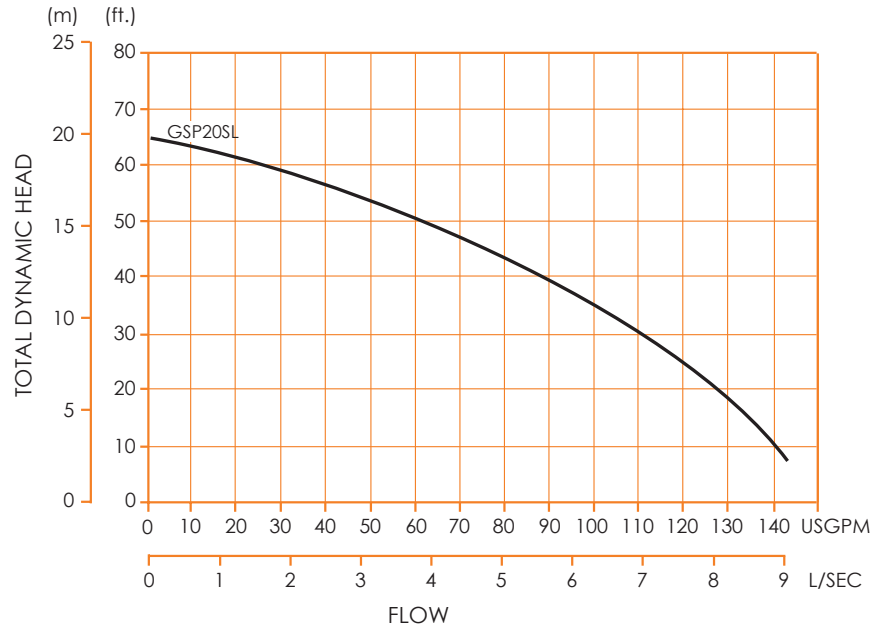
Features

- Dry-running capability without damage.
- Slimline 7.09" (180 mm) diameter pump with top discharge design fits into 8" caisson.
- Portable, lightweight aluminum and cast iron construction with corrosion-resistant stainless steel cooling jacket.
- Non-wicking standard power cable with strain relief. Special power cable extension adapter also available (consult manufacturer).
- Dual voltage motor – 115/230V high torque, capacitor start single phase or high performance 230/460V three phase; both with motor thermal protection.
- Oversized, heavy duty ball bearings.
- Triple seals – Silicon carbide upper and lower internal mechanical seals and external lip seal.
- Cast iron impeller, diffuser and bottom plate.
- Optional manual and automatic control panels available; however, no control panel required for starting (control panel is required for motor protection)

Specifications

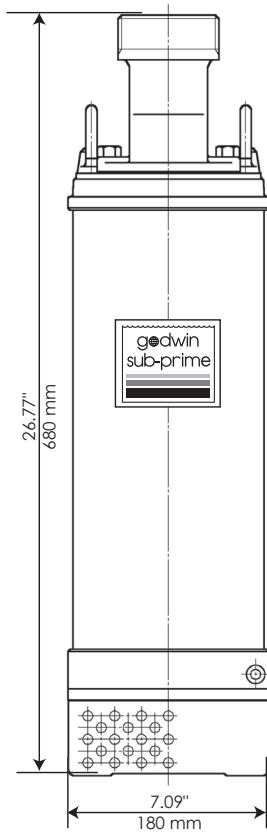
	Model	
	Single Phase	Three Phase
HP (kW)	2.0 (1.5)	2.0 (1.5)
Max. GPM (m ³ /h)	140 (31.8)	140 (31.8)
Max. Head - ' (m)	65 (19.8)	65 (19.8)
Discharge - " (mm)	3 (75) 2 (50)	3 (75) 2 (50)
Cable - ' (m)	50 (15.2)	50 (15.2)
RPM	3600	3600
Max. Temp.	103°F (40° C)	103°F (40° C)
PH Range	5.0 - 8.0	5.0 - 8.0
Voltage	115/230	230/460, 575
Amps	22/11	6/3, 2.5
Weight - lbs. (kg)	65 (29.5)	65 (29.5)
Solids Handling - " (mm)	0.33 (8.5)	0.33 (8.5)
Maximum Submergence - ' (m)	16.4 (5)	16.4 (5)

Pump Curves

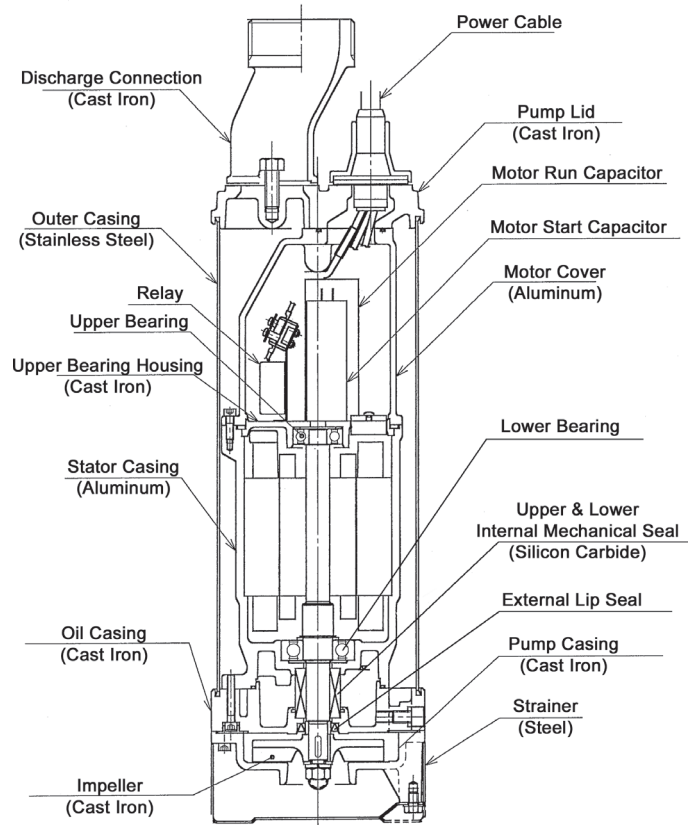


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

Drawing*



Design & Construction*



*GSP20SL Single Phase Model Shown

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