

GSP20SL SlimLine Sub-Prime® Electric Submersible Pumps

The GSP Sub-Prime SlimLine electric submersible pumps for dewatering applications feature 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 ft (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.



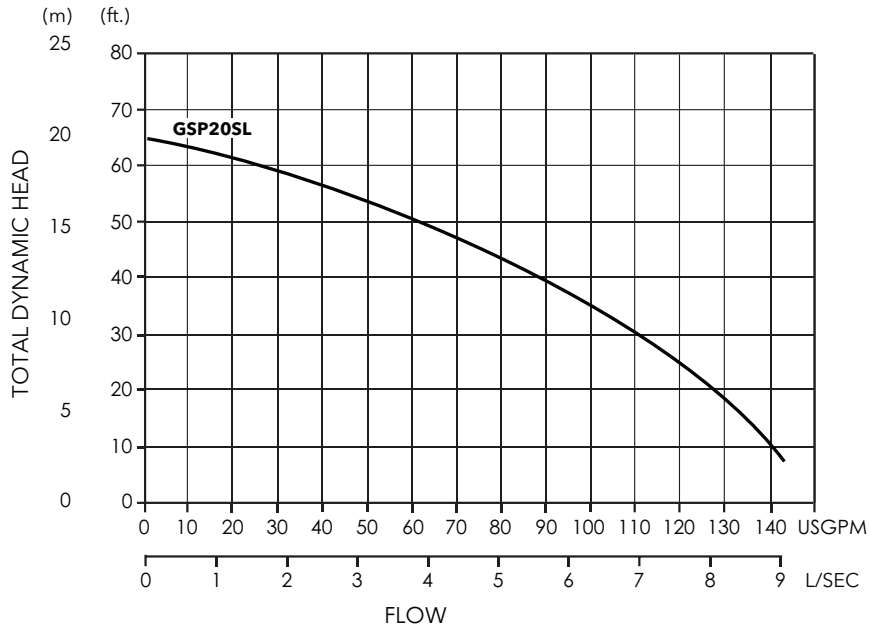
Features and Benefits

- CSA listed and approved
- Dry-running capability without damage.
- Slimline 7.09 in. (180 mm) diameter pump with top discharge design fits into 8 in. 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.
- 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 sealed - 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. No control panel required for starting (control panel is required for motor protection).

Specification

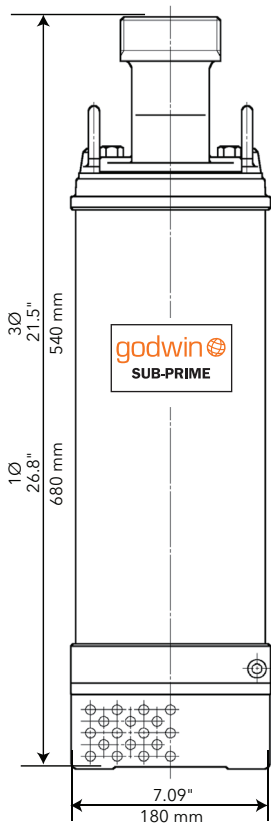
	Model	
	Single Phase	Three Phase
HP (kW)	2.0 (1.5)	2.0 (1.5)
Max. Flow - gpm (m ³ /h)	140 (31.8)	140 (31.8)
Max. Head - ft (m)	65 (19.8)	65 (19.8)
Max. Solids - in. (mm)	0.33 (8.5)	0.33 (8.5)
Cable Length - ft (m)	50 (15.2)	50 (15.2)
Discharge - in. (mm)	std. - 3 (75) opt. - 2 (50)	std. - 3 (75) opt. - 2 (50)
RPM	3600	3600
Max. Fluid 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
Height - in. (mm)	26.8 (680)	21.5 (546)
Width - in. (mm)	7.09 (180)	7.09 (180)
Weight - lbs. (kg)	65 (29.5)	65 (29.5)
Max. Sub. - ft (m)	16.4 (5)	16.4 (5)

GSP SlimLine Sub-Prime® Performance Curve

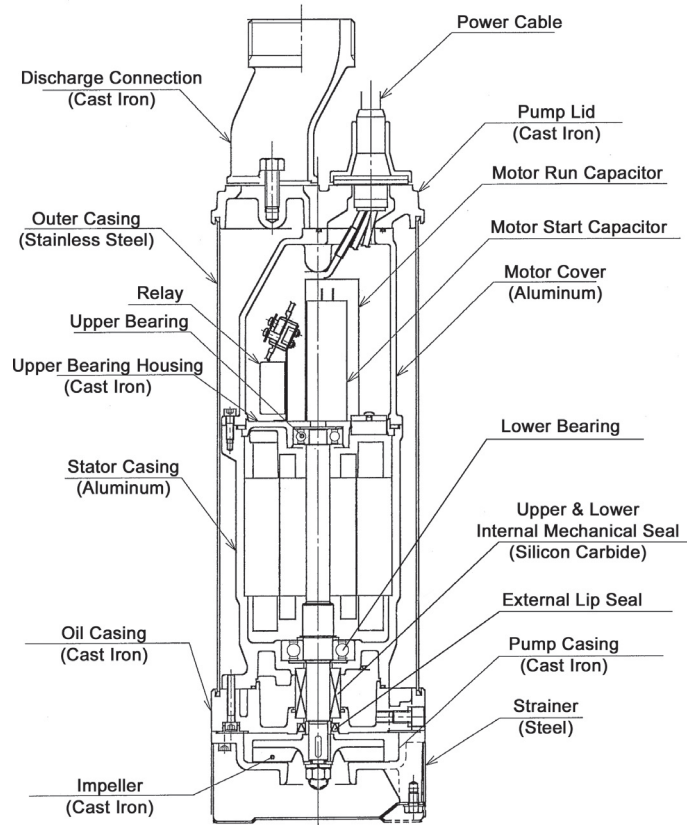


WARNING: Pumps are not designed for use in explosive atmosphere, flammable environments or for pumping volatile liquids.

Dimensions*



Design and Construction*



* GSP20SL Single Phase Model Shown



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