

TECHNICAL BROCHURE

BSP0203



SP02/SP03

SUBMERSIBLE SUMP PUMP



Goulds Water Technology

Wastewater

FEATURES

Corrosion-resistant construction

Stainless Steel motor casing and fasteners

Glass-filled thermoplastic impeller and casing

Bearings: Upper and lower heavy duty ball bearing construction.

Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor.

Stainless steel shaft

Complete unit is light weight, portable and compact.

AGENCY LISTINGS



Tested to CSA 22.2 108 Standards By Canadian Standards Association File #LR38549



Underwriter's Laboratories

APPLICATIONS

Specially designed for the following uses:

- Basement draining
- Water transfer
- Dewatering

SPECIFICATIONS

Pump:

• Discharge size:

SP024 - 11/4" NPT

SP025 - 1½" NPT

SP035 - 11/2" NPT

- Capacities: to 40 GPM
- Maximum head: to 30 feet
- Temperature: 104° F (40° C) maximum, continuous when completely submerged.
- Solids handling: ¾" maximum spherical
- Float switch: built-in non-mercury Vertical or Piggyback Wide Angle.
- Manual model also available SP035M
- Pumping range: 3.0"
- Maximum pump down 1¼" from base

MOTOR

- SP02: ¼ HP, 115 V, 60 Hz, single phase 3400 RPM, 2.4 amps maximum.
- SP03: ½ HP, 115 V, 60 Hz, single phase, 3400 RPM, 3.0 amps maximum.
- Built-in thermal overload protection with automatic roset.
- Permanent-split-capacitor type
- Class B insulation
- Air filled design
- Stainless steel shaft
- Power cord: 10 foot standard length, heavy duty 16/3 SJTW with NEMA 5-15 P three prong grounding plug, 115V.

PERFORMANCE RATINGS

SP02

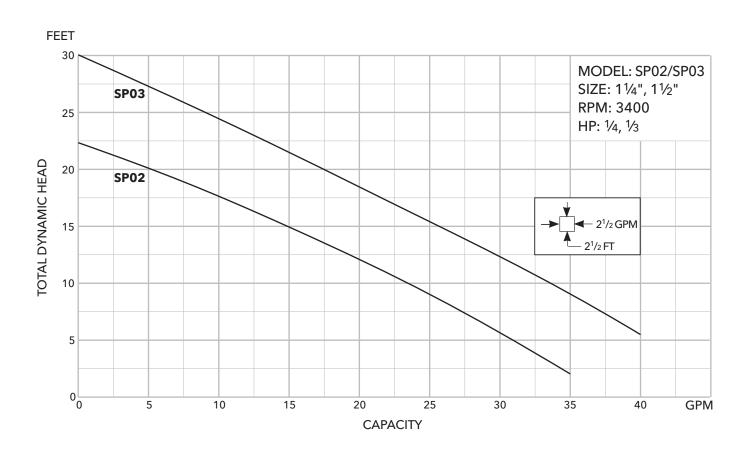
Total Head (feet of water)	GPM	GPH			
5	31	1,860			
10	23	1,380 900			
15	15				
20	5	300			

SP03

Total Head (feet of water)	GPM	GPH					
5	41	2,490					
10	34	2,040					
15	26	1,560					
20	17	1,020					
25	8	480					

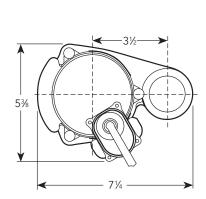
MODEL INFORMATION

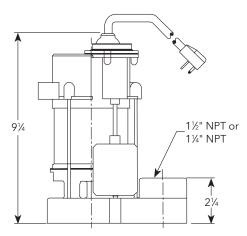
Order No.	НР	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Min. On Level	Min. Off Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight Ibs/kg
SP024V			2.4	10		Built-In Vertical	10'	1¼"	6"	3"	9"	- - - - %"	8/3.6
SP024AT	1/4			10	1	Piggyback Wide Angle	10'	1¼"	11"	5"	12"		
SP025V	/4			10		Built-In Vertical	10'	1½"	6"	3"	9"		
SP025AT		115		10		Piggyback Wide Angle	10'	1½"	11"	5	12"		
SP035V				10		Built-In Vertical	10'	1½"	6"	3"	9"		
SP035M	1/3	3.0	10		Plug / No Switch	10'	1½"	6"	3"	9"	1		
SP035AT				10		Piggyback Wide Angle	10'	1½"	11"	5"	12"]	



DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)







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