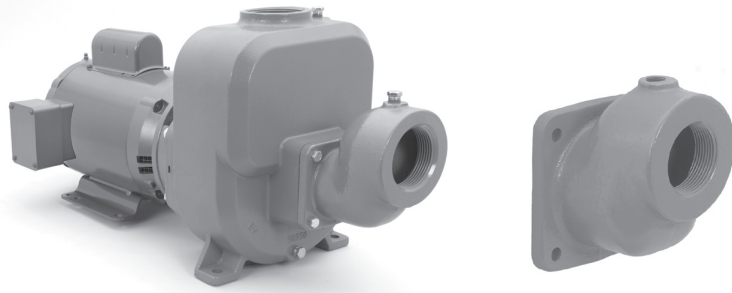


# SPM & SPH Series



**APPLICATIONS**

- Lawn irrigation
- Dewatering
- Liquid transfer
- Plot irrigation
- Livestock watering

**SPECIFICATIONS**

- Pump**
- Flows to 240 GPM
  - Heads to 165 feet
  - Reprime capabilities to 25'
  - 2" through 3" suction
  - 1½" through 2½" discharge
  - Maximum temperature 160°F
- Motor**
- NEMA standard, JM shaft, open drip proof or Totally Enclosed Fan Cooled.
  - Single phase: 3 HP, 115/230 V; 5 HP, 230 V.
  - Three phase: 3 and 5 HP, 208-230/460 V.
  - Note: Pump is not rated for 50 Hz service.

**FEATURES**

- **Self Priming Design:** Features a replaceable check valve which acts to retain sufficient liquid in the casing to assure fast, reliable priming and repriming capabilities. Once initially primed the pump will reprime automatically.
- **Impeller and Wear Ring:** Silicon Bronze construction, replaceable wear rings extend pump life, designed for maximum efficiency and repriming capabilities. Impeller is enclosed type, balanced for smooth operation, keyed to motor shaft.
- **Casing and Diffuser:** Cast iron construction, featuring a back pull out design with tapped connections provided for casing fill and drain to simplify pump start up and removal at the end of the season. Top accessible pump feet for easy access to hold-down bolts. Casing o-ring sealing simplifies maintenance.
- **Shaft Sleeve:** 300 series stainless steel replaceable sleeve provides motor shaft protection.
- **Mechanical Seal:** Carbon/Ceramic faces, BUNA elastomers, 300 series stainless steel metal parts.

Goulds Pumps is ISO 9001 Registered.

**ORDERING INFORMATION**

30 SP M 3 0

**Mechanical Seal Options**

Seal Code	Rotary	Stationary	Elastomers	Metal Parts	Part No.
0	Carbon	Ceramic	BUNA	316SS	10K13
3		Sil-Carb	Viton		10K27
5					10K64

**Motor Type**  
 1 = 1 PH ODP  
 2 = 1 PH TEFC  
 3 = 3 PH ODP  
 4 = 3 PH TEFC

M = Medium Head Impeller/Diffuser  
 H = High Head Impeller/Diffuser

**Self Primer**

**Horsepower**  
 30 = 3 HP  
 50 = 5 HP

**Medium Head**

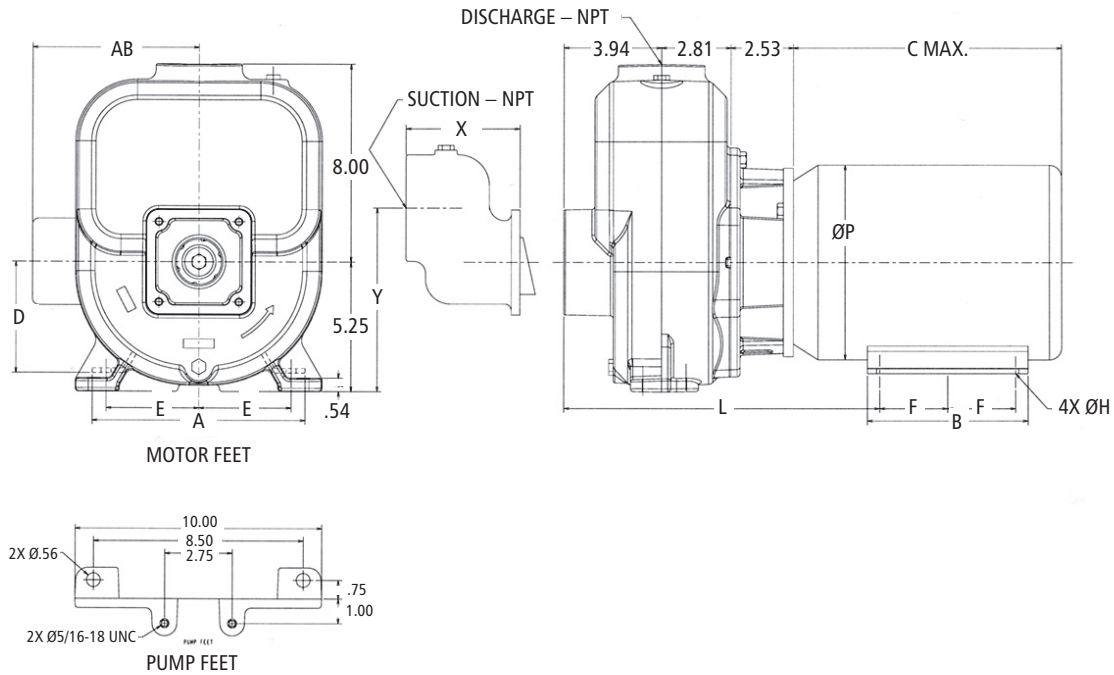
Order Number	HP	Discharge	Required Suction Flange	Voltage
30SPM1	3	2½"	SPF25	115 / 230
30SPM3	3	2½"	SPF25	208-230 / 460
50SPM1	5	2½"	SPF30	208-230
50SPM3	5	2½"	SPF30	208-230 / 460

**High Head**

Order Number	HP	Discharge	Required Suction Flange	Voltage
30SPH1	3	1½"	SPF20	115 / 230
30SPH3	3	1½"	SPF20	208-230 / 460
50SPH1	5	2"	SPF25	208-230
50SPH3	5	2"	SPF25	208-230 / 460

# SPM & SPH Series

**DIMENSIONS AND WEIGHTS**



Pump Model	HP	PH	Suction	Disch.	A	AB	B	C MAX.	D	E	F	ØH	L	ØP	X	Y	Wt. (lbs.)												
30SPH1	3	1	2	1½	8.63	6.87	6.50	12.56	4.50	3.75	2.75	0.41	12.78	7.88	3.58	6.50	135												
30SPH3		3			6.50	5.61	5.94		3.50	2.75	2.50	0.34	12.16	6.62			115												
30SPM1		1	2½	2	8.63	6.87	6.50		13.80	4.50	3.75	2.75	0.41	12.78			7.88	7.88	4.62	7.44	135								
30SPM3		3				5.73											6.62				115								
50SPH1	5	1	2	8.63		6.75		6.50							13.80	4.50	3.75				2.75	0.41	12.78	7.88	7.88	4.62	7.44	155	
50SPH3		3				5.85																		6.62				135	
50SPM1		1	3		2½	8.63	6.87		6.50	13.80	4.50	3.75	2.75	0.41				12.78	7.88	7.88				4.62				7.44	155
50SPM3		3					6.87												6.62										135

- NOTES:**
- Dimensions are approximate, not for construction purposes.
  - 3 HP 3PH TEFC dimensions may vary.

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