

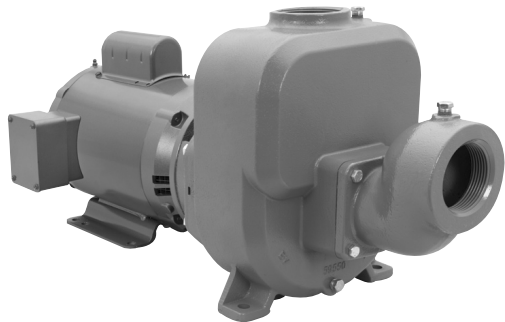


ITT

Commercial Water

Goulds Pumps PrimeLine[®] SP

SPM & SPH Series



SOLD SEPARATELY

FEATURES

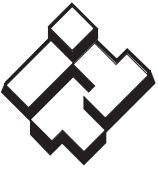
- **Self Priming Design:** Features a replaceable check valve which acts to retain sufficient liquid in the casing to assure fast, reliable priming and repriming capabilities. Once initially primed the pump will reprime automatically.
- **Impeller and Wear Ring:** Silicon Bronze construction, replaceable 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 a brand of ITT Corporation.

www.goulds.com

Engineered for life



ITT

GOULDS PUMPS Commercial Water

APPLICATIONS

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

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.

Goulds Pumps is ISO 9001 Registered.

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

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	Sil-Carb				Viton

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

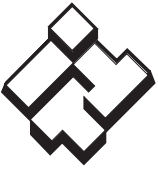
Horsepower
 30 = 3 HP
 50 = 5 HP

Medium Head

Order Number	HP	Discharge	Required Suction Flange	Voltage
30SPM1	3	2"	SPF25	115 / 230
30SPM3	3	2"	SPF25	208-230 / 460
50SPM1	5	2½"	SPF30	208-230
50SPM3	5	2½"	SPF30	208-230 / 460

High Head

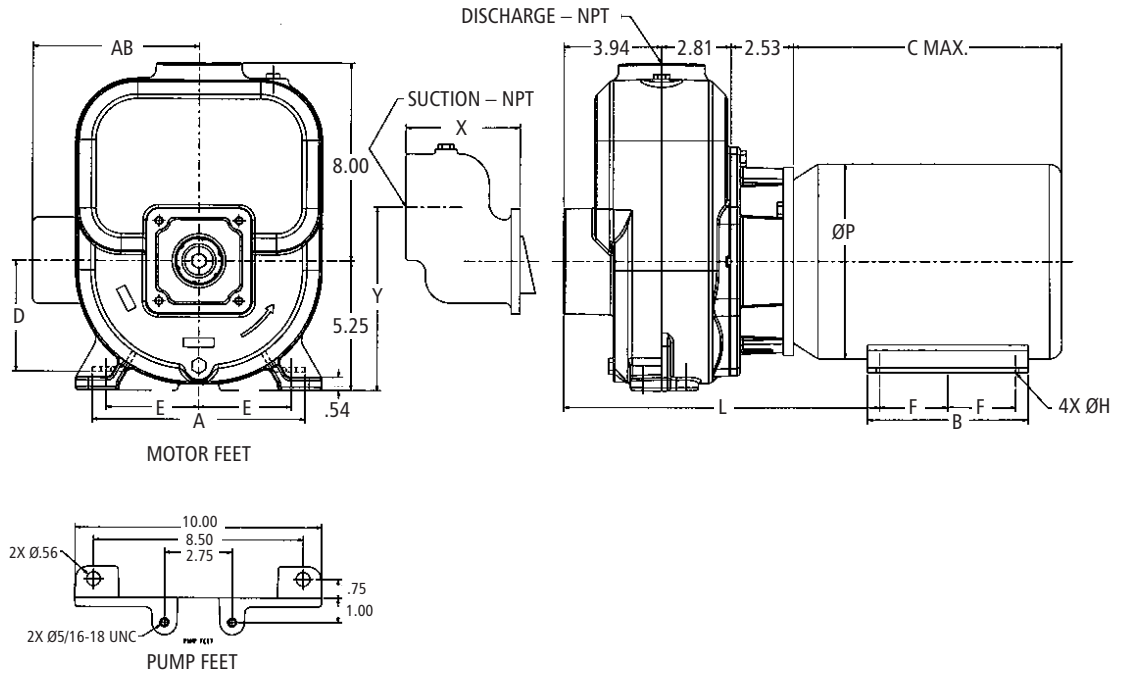
Order Number	HP	Discharge	Required Suction Flange	Voltage
30SPH1	3	1½"	SPF20	115 / 230
30SPH3	3	1½"	SPF20	208-230 / 460
50SPH1	5	2"	SPF25	208-230
50SPH3	5	2"	SPF25	208-230 / 460



ITT

GOULDS PUMPS Commercial Water

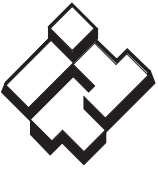
DIMENSIONS AND WEIGHTS



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
30SPM1		1	2½	2	8.63	6.87	6.50		13.80	4.50	3.75						2.75	0.41
30SPM3	3	5.73				6.62		115										
50SPH1	5	1	2½	2	8.63	6.75	6.50	13.80				4.50	3.75	2.75	0.41	12.78		
50SPH3		3				5.85			135									
50SPM1		1	3	2½	8.63	6.87	6.50		13.80	4.50	3.75						2.75	0.41
50SPM3		3				6.87		135										

NOTES:

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



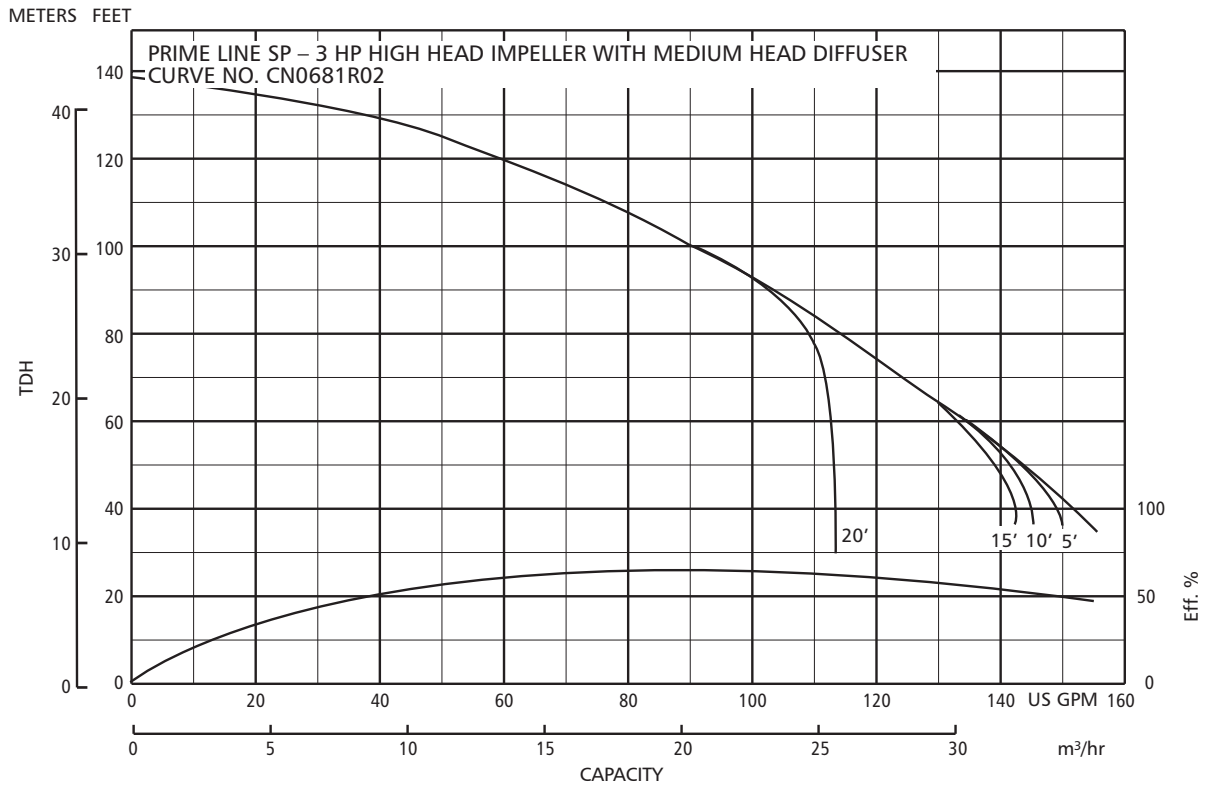
ITT

GOULDS PUMPS
Commercial Water

PUMP PERFORMANCE (capacity in GPM)

3 HP High Head Model						
Model	PSI	Feet	5'	10'	15'	20'
30SPH1	20	46.2	138	136	130	*
	30	69.3	120	114	108	101
30SPH3	40	92.4	91	88	80	69
	50	115.5	57	47	32	20

* Operation not recommended at this point.





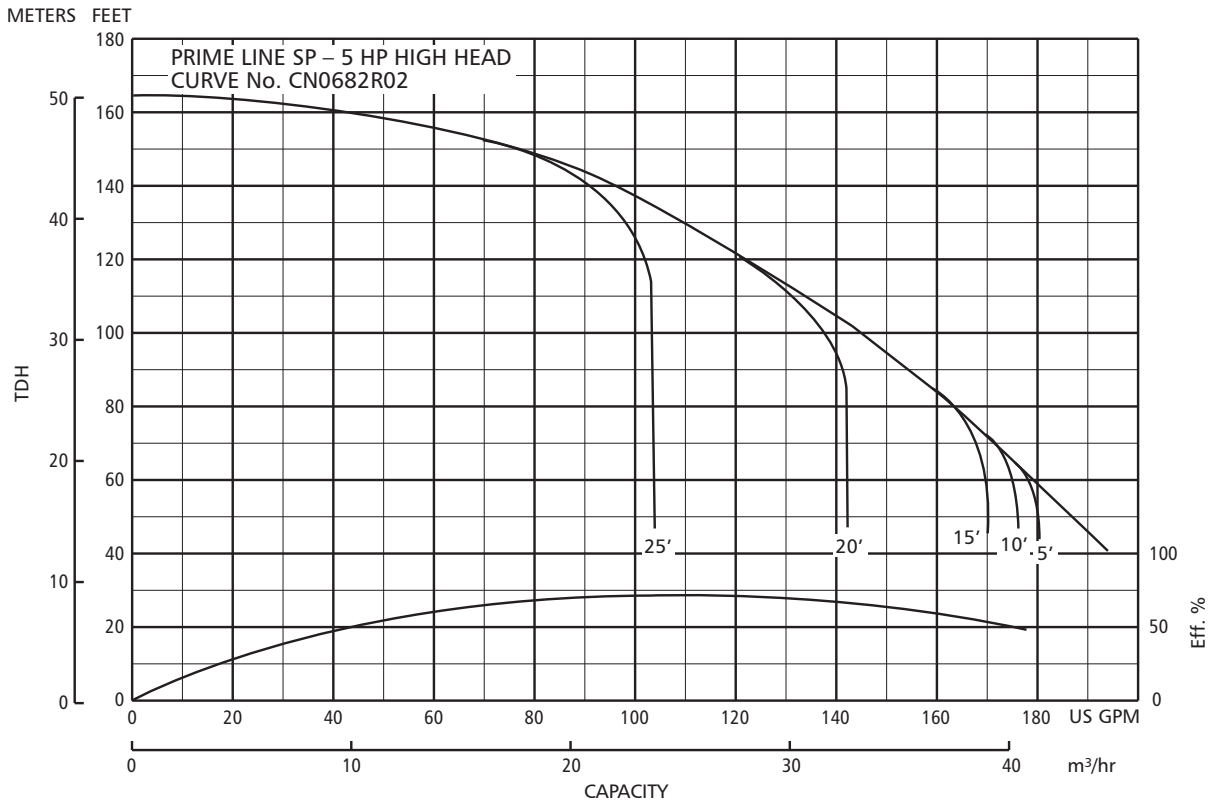
ITT

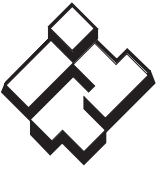
GOULDS PUMPS
Commercial Water

PUMP PERFORMANCE (capacity in GPM)

5 HP High Head Model							
Model	PSI	Feet	5'	10'	15'	20'	25'
50SPH1	20	46.2	182	176	*	*	*
	30	69.3	168	164	158	*	*
	40	92.4	147	144	139	134	*
50SPH3	50	115.5	120	118	114	108	96
	60	138.6	88	86	78	64	55

* Operation not recommended at this point.





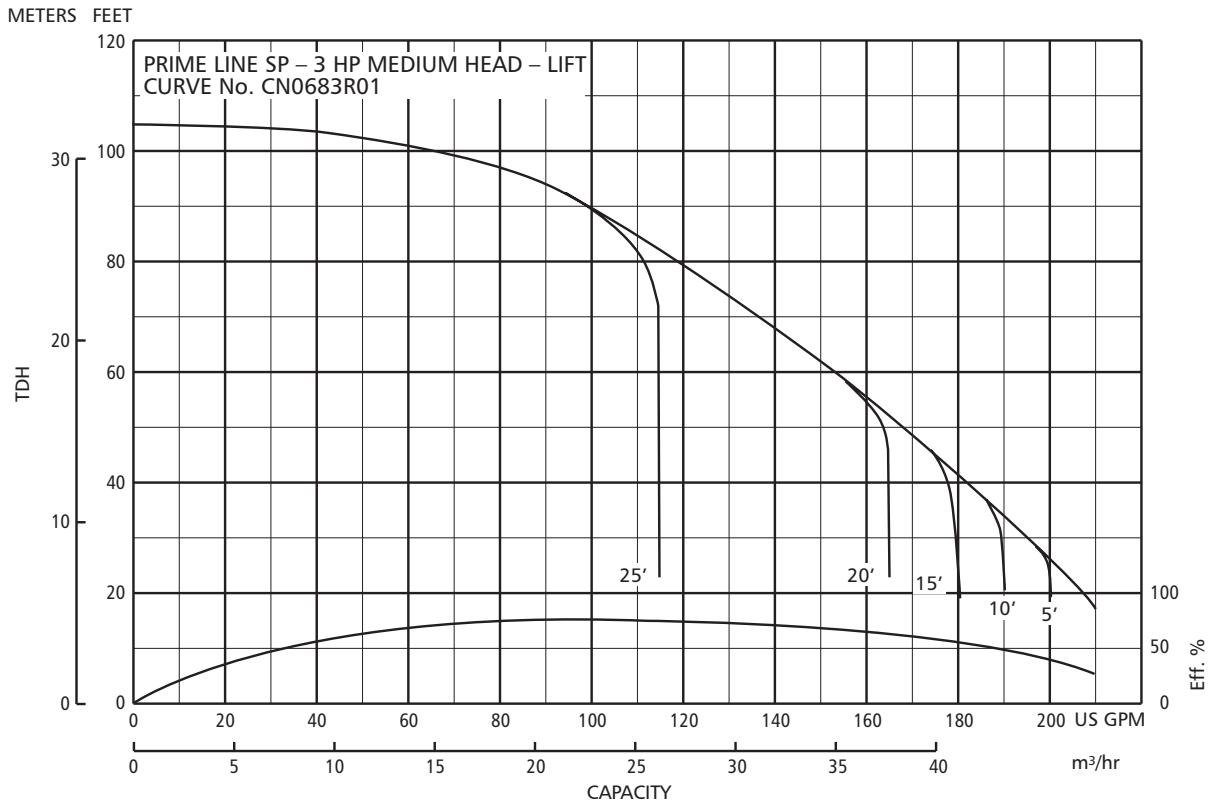
ITT

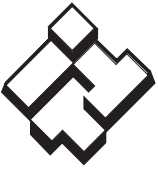
GOULDS PUMPS
Commercial Water

PUMP PERFORMANCE (capacity in GPM)

3 HP Medium Head Model							
Model	PSI	Feet	5'	10'	15'	20'	25'
30SPM1	20	46.2	163	155	147	138	114
30SPM3	30	69.3	127	117	107	95	84
	40	92.4	77	47	*	*	*

* Operation not recommended at this point.





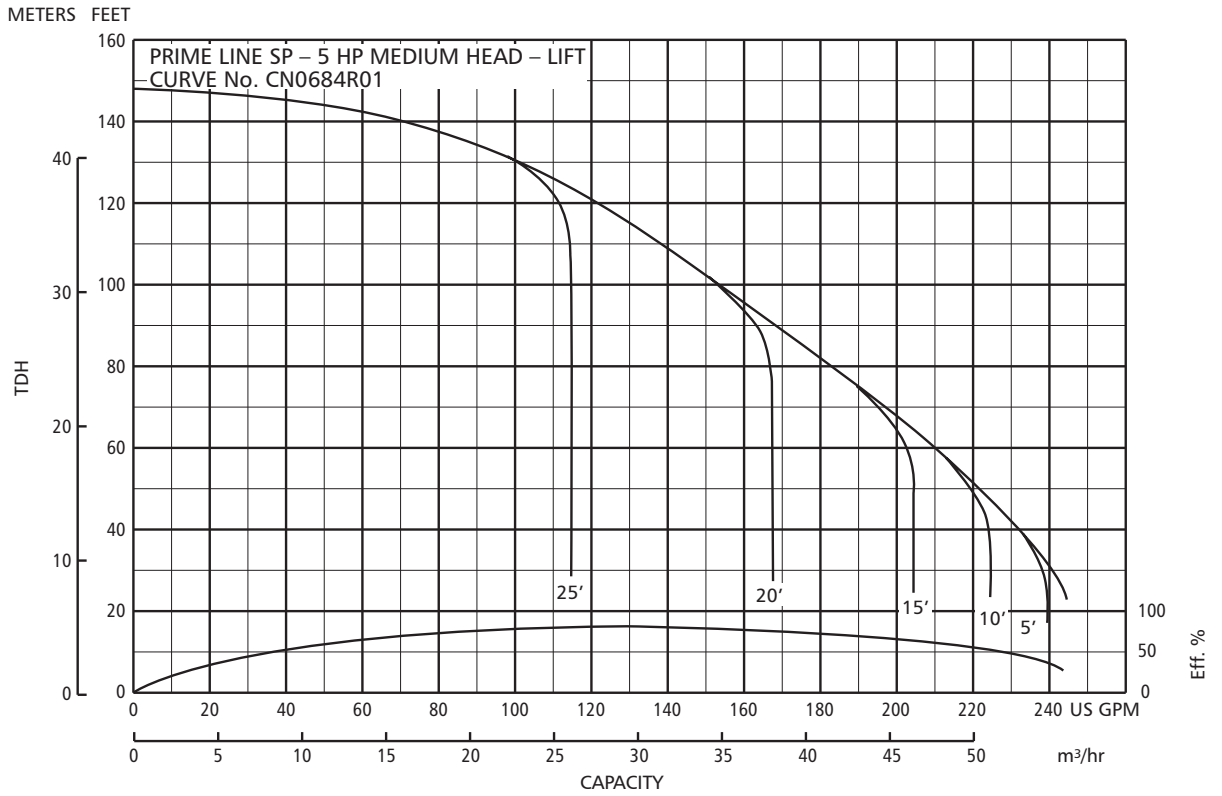
ITT

GOULDS PUMPS
Commercial Water

PUMP PERFORMANCE (capacity in GPM)

5 HP Medium Head Model							
Model	PSI	Feet	5'	10'	15'	20'	25'
50SPM1	20	46.2	218	211	202	167	*
	30	69.3	187	182	172	164	*
50SPM3	40	92.4	155	148	138	133	111
	50	115.5	119	107	96	90	65

* Operation not recommended at this point.





ITT

Commercial Water



Goulds Pumps, PrimeLine and the ITT Engineered Blocks Symbol are registered trademarks and tradenames of ITT Corporation.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

BSPMSPH April, 2007

© 2007 ITT Corporation

Engineered for life