



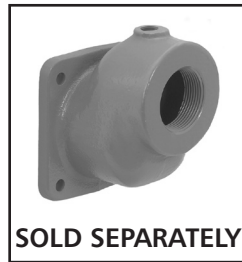
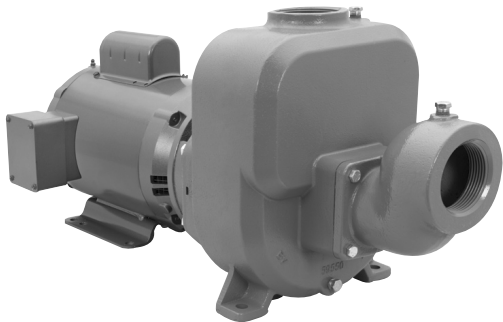
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Commercial Water

Red Jacket Water Products

SPM & SPH

Self-Priming Pumps^①



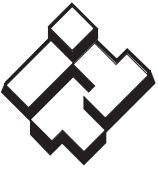
Red Jacket Water Products is a brand of ITT Corporation.

www.redjacketwaterproducts.com

Engineered for life

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.^①
- **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.



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APPLICATIONS

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

Motor

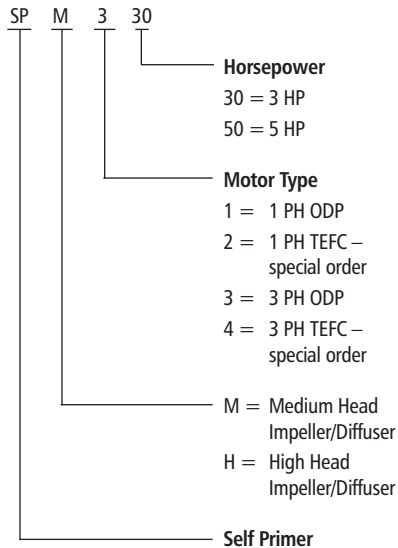
- NEMA standard, JM shaft, open drip proof or Totally Enclosed Fan Cooled.
- Single phase: 3 HP, 115/230 V; 5 HP, 230 V.
- Three phase: 3 and 5 HP, 208-230/460 V.
- Note: Pump is not rated for 50 Hz service.

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

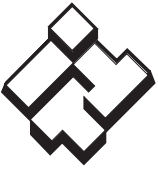


Medium Head

Order Number	HP	Discharge	Required Suction Flange	Voltage
SPM130	3	2"	SPF25A	115 / 230
SPM330	3	2"	SPF25A	208-230 / 460
SPM150	5	2½"	SPF30A	208-230
SPM350	5	2½"	SPF30A	208-230 / 460

High Head

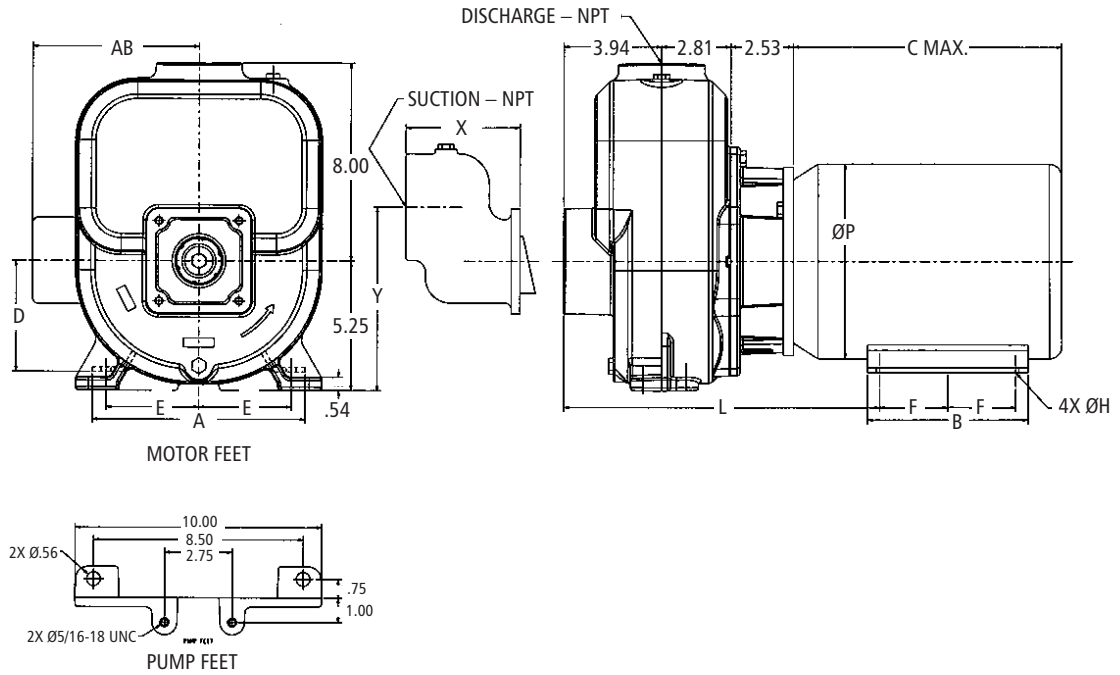
Order Number	HP	Discharge	Required Suction Flange	Voltage
SPH130	3	1½"	SPF20	115 / 230
SPH330	3	1½"	SPF20	208-230 / 460
SPH150	5	2"	SPF25	208-230
SPH350	5	2"	SPF25	208-230 / 460



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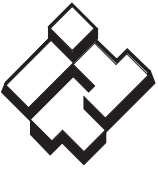
DIMENSIONS AND WEIGHTS



Pump Model	HP	PH	Suction	Disch.	A	AB	B	C MAX.	D	E	F	ØH	L	ØP	X	Y	Wt. (lbs.)											
SPH130	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											
SPH330		3			6.50	5.61			5.94	3.50	2.75						2.50	0.34	12.16	6.62	115							
SPM130		1	2½	2	6.87	6.50	6.50		13.80	4.50	3.75						2.75	0.41	12.78	7.88	4.62	7.44	135					
SPM330		3			5.73																		6.62	115				
SPH150	1	5	2½	2	6.75			8.63				6.50	13.80	4.50	3.75	2.75							0.41	12.78	7.88	4.62	7.44	155
SPH350	3				5.85																							6.62
SPM150	1		3	2½	6.87	8.63	6.50		13.80	4.50	3.75						2.75	0.41	12.78	7.88	4.62	7.44						155
SPM350	3				6.87																							6.62

NOTES:

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



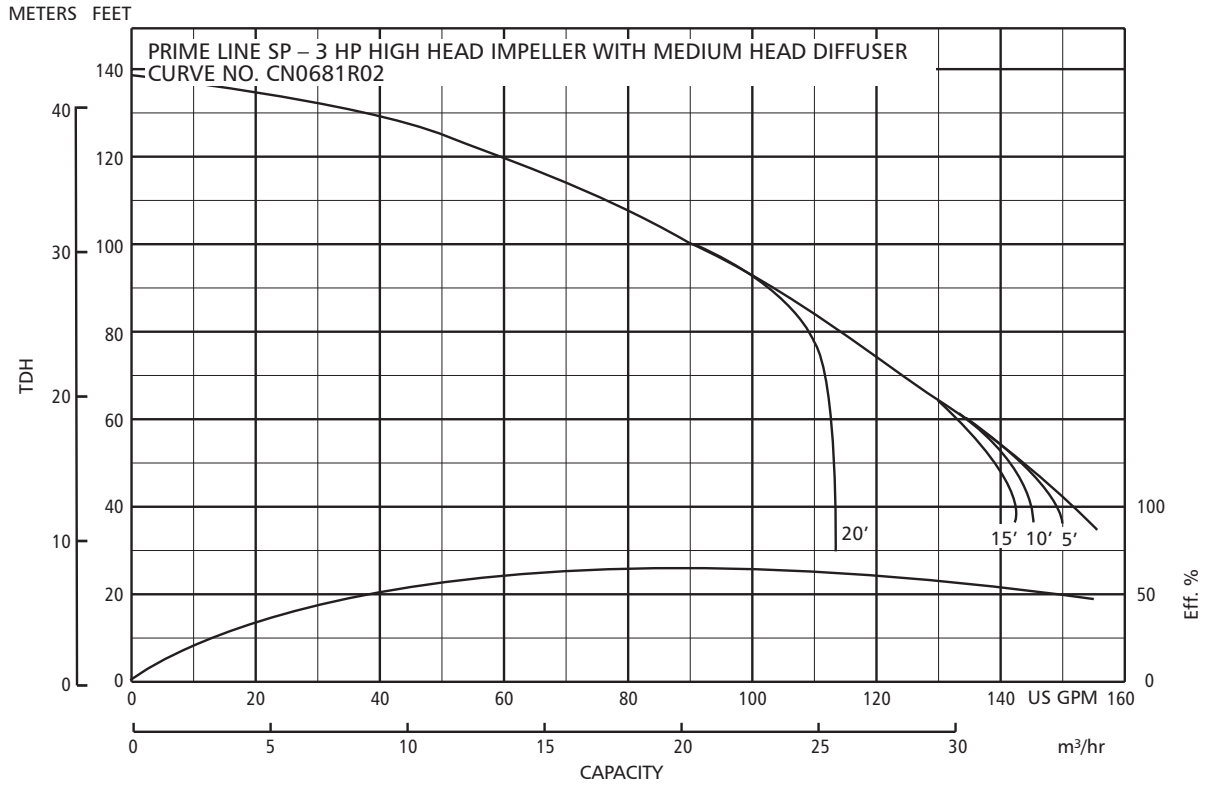
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PUMP PERFORMANCE (capacity in GPM)

3 HP High Head Model						
Model	PSI	Feet	5'	10'	15'	20'
SPH130	20	46.2	138	136	130	*
	30	69.3	120	114	108	101
SPH330	40	92.4	91	88	80	69
	50	115.5	57	47	32	20

* Operation not recommended at this point.





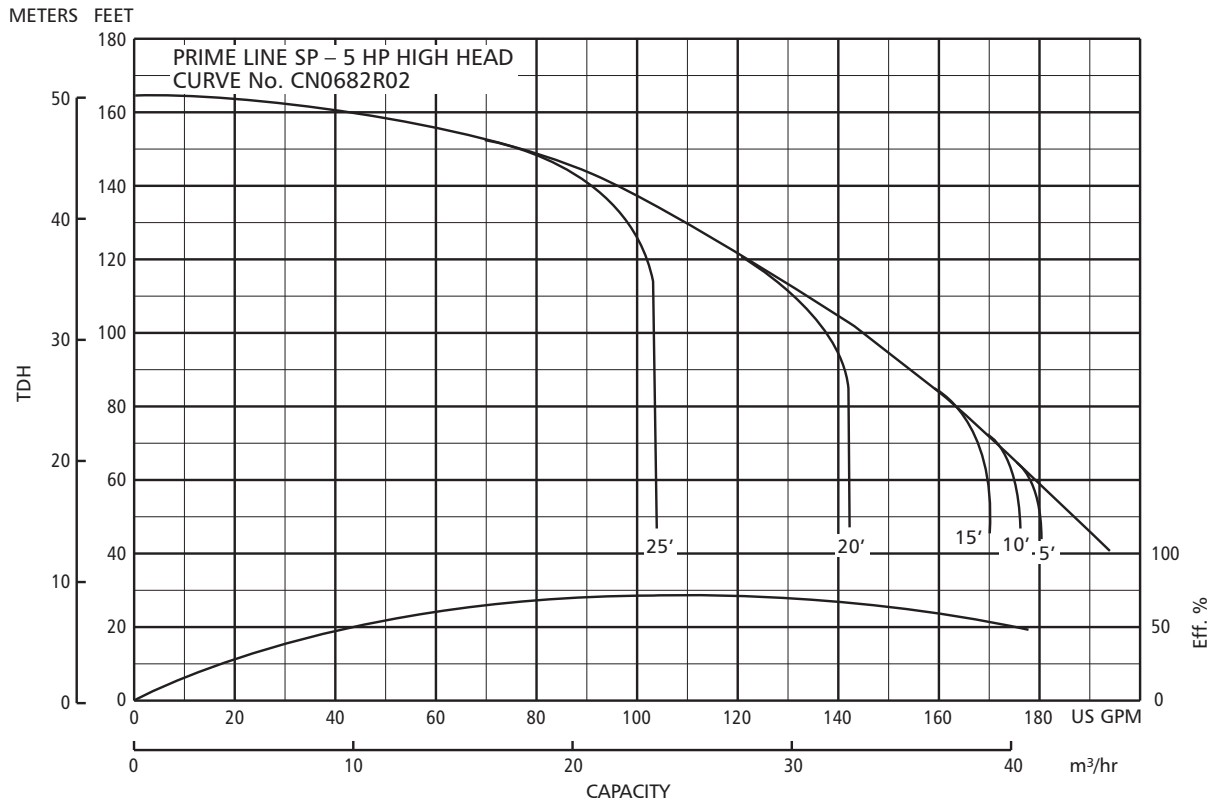
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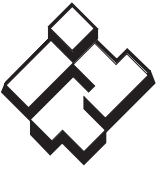
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PUMP PERFORMANCE (capacity in GPM)

5 HP High Head Model							
Model	PSI	Feet	5'	10'	15'	20'	25'
SPH150	20	46.2	182	176	*	*	*
	30	69.3	168	164	158	*	*
	40	92.4	147	144	139	134	*
SPH350	50	115.5	120	118	114	108	96
	60	138.6	88	86	78	64	55

* Operation not recommended at this point.





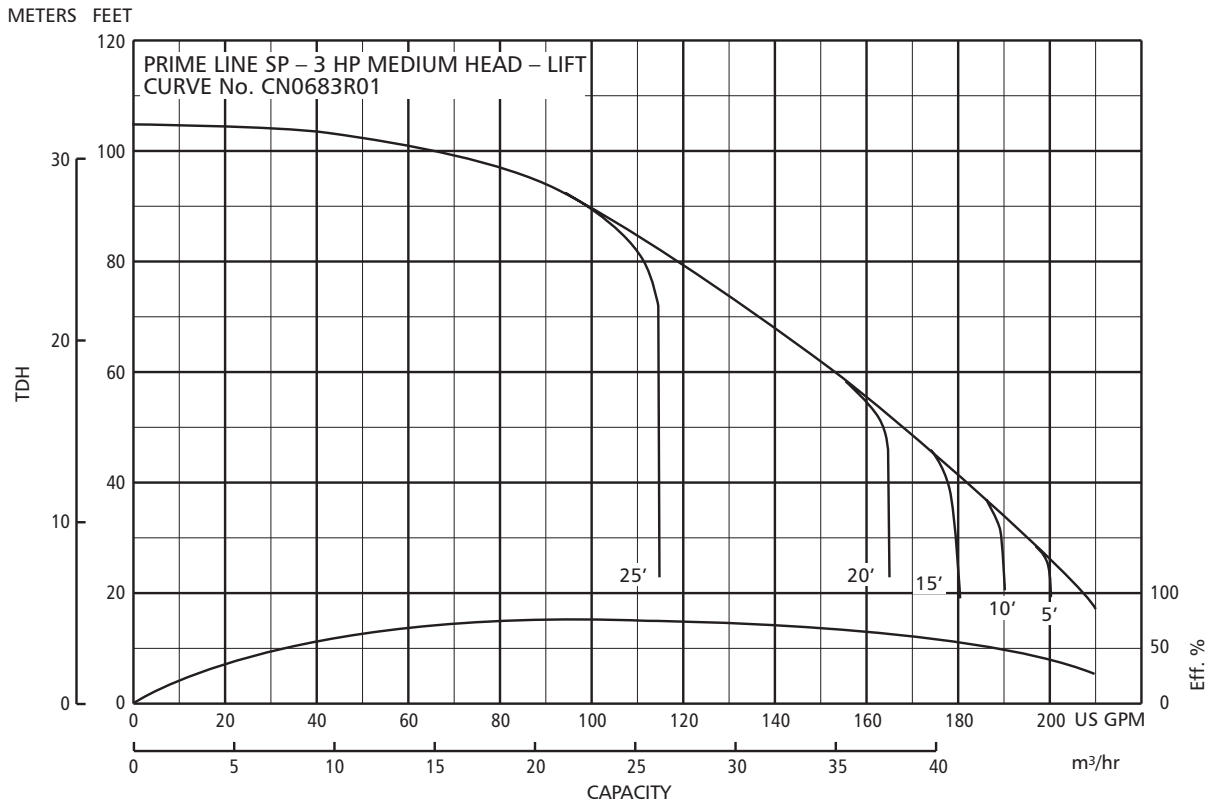
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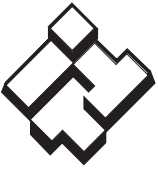
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PUMP PERFORMANCE (capacity in GPM)

3 HP Medium Head Model							
Model	PSI	Feet	5'	10'	15'	20'	25'
SPM130	20	46.2	163	155	147	138	114
	30	69.3	127	117	107	95	84
SPM330	40	92.4	77	47	*	*	*

* Operation not recommended at this point.





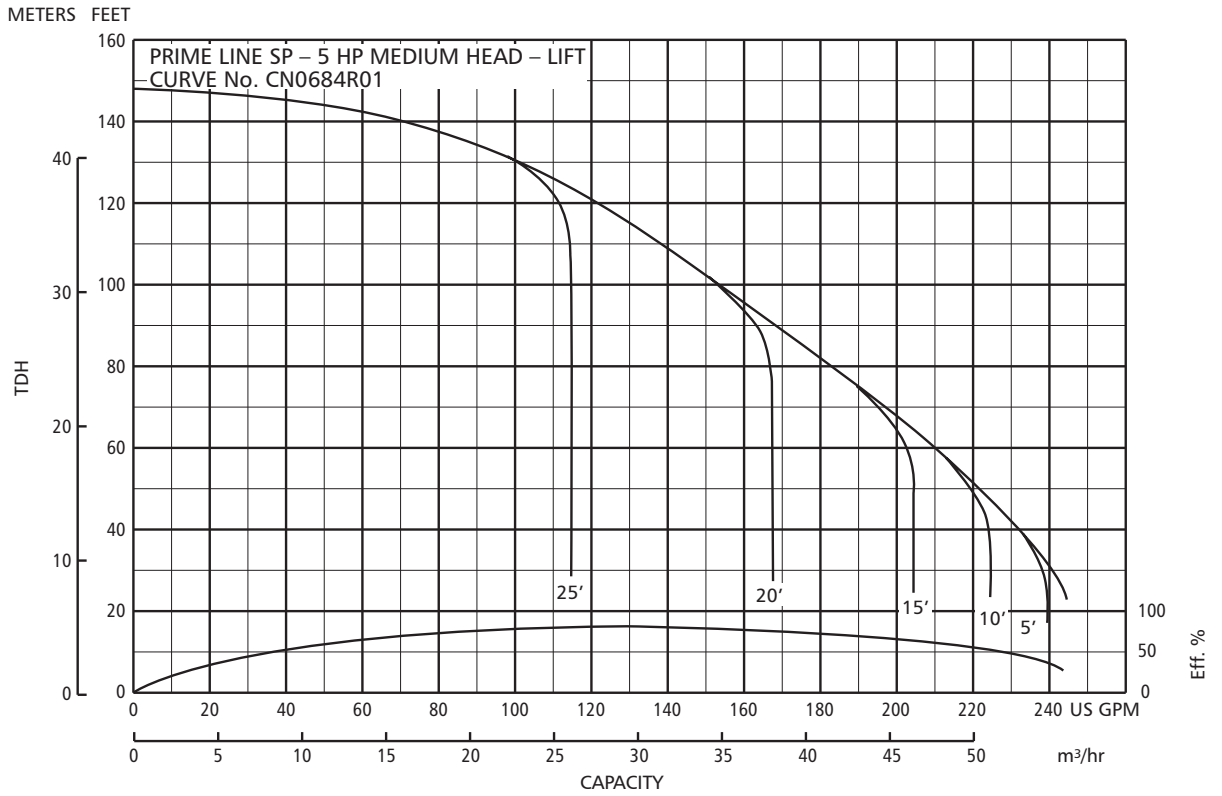
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PUMP PERFORMANCE (capacity in GPM)

5 HP Medium Head Model							
Model	PSI	Feet	5'	10'	15'	20'	25'
SPM150	20	46.2	218	211	202	167	*
	30	69.3	187	182	172	164	*
SPM350	40	92.4	155	148	138	133	111
	50	115.5	119	107	96	90	65

* Operation not recommended at this point.





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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

BRJSPMSPH April, 2007

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