

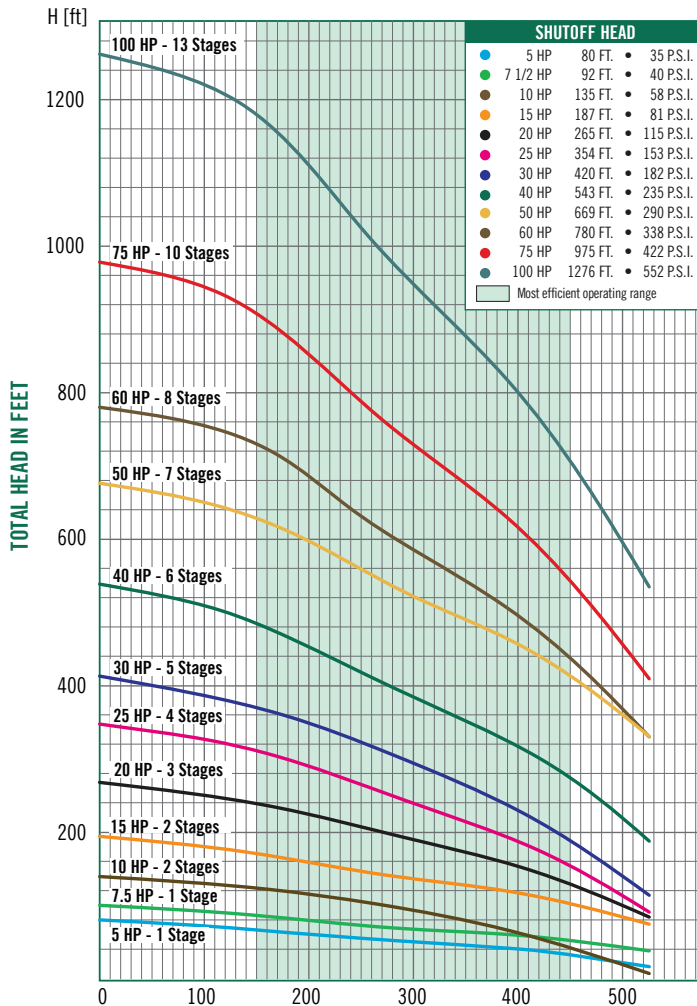
SUBMITTAL DATA SHEET

6", 8" & 10" Pump Ends
90 - 1100 GPM Stainless Steel Pumps

400 GPM



A.Y. McDonald stainless steel pump ends offer peak capacity performance in its 400 gallons per minute (GPM). Each pump end includes cable guard, bolts, and washers. The 400 gallons per minute (GPM) is a 8" Stainless Steel Pump End that ranges in size from 5 to 100 horsepower (HP).

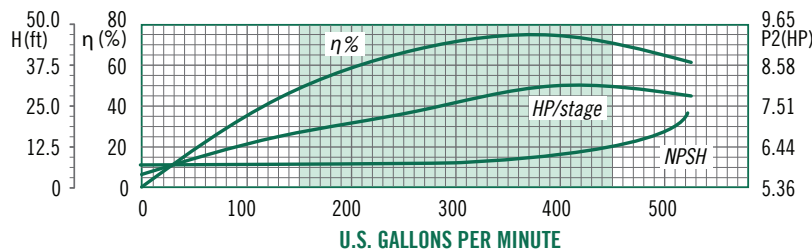


$\eta\%$ - Efficiency of motor

NPSH - Ft. of water above the pump

- FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

- CONTACT FACTORY FOR CAPACITIES NOT CATALOGED



NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



A.Y. McDonald Mfg. Co.
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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

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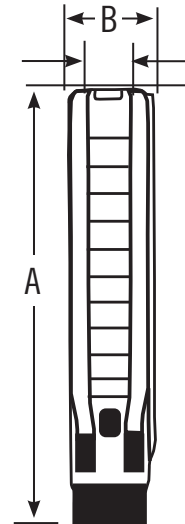


Models Available

Part No.	Model No.	HP	Stages	Motor Size	Disch. Size	A	B	Wt.
6181-000	400S5HP86	5	1	6"	5"	24.3"	7.0"	55.3
6181-001	400S7.5HP86	7.5	1	6"	5"	24.3"	7.0"	55.5
6181-002	400S10HP86	10	2	6"	5"	29.4"	7.0"	63.4
6181-003	400S15HP86	15	2	6"	5"	29.4"	7.0"	63.4
6181-004	400S20HP86	20	3	6"	5"	34.4"	7.0"	71.4
6181-005	400S25HP86	25	4	6"	5"	39.5"	7.0"	79.3
6181-006	400S30HP86	30	5	6"	5"	44.5"	7.0"	87.3
6181-007	400S40HP86	40	6	6"	5"	49.6"	7.0"	95.0
6181-008	400S50HP86	50	7	6"	5"	54.6"	7.0"	103.0
6181-009	400S60HP86	60	8	6"	5"	60.1"	7.0"	114.0
6181-025	400S60HP88	60	8	8"	5"	60.1"	7.0"	120.0
6181-010	400S75HP88	75	10	8"	5"	70.2"	7.9"	130.0
6181-011	400S100HP88	100	13	8"	5"	85.4"	7.9"	153.8

Component	Materials	Standard
Discharge	Stainless Steel	304
Valve Cone	Stainless Steel	304
Valve Seat	Stainless Steel / Rubber	304 / NBR
Top Diffuser	Stainless Steel	304
Upper Bearing	Stainless Steel / Rubber	304 / NBR
Neck Ring	Stainless Steel / Rubber	304 / NBR
Bottom Neck Ring	PTFE + CF	
Bearing	Rubber	NBR
Diffuser	Stainless Steel	304
Split Cone Nut	Stainless Steel	304
Nut for Stop Ring	Stainless Steel	304
Split Cone	Stainless Steel	304
Ring of Impeller	Stainless Steel	304
Impeller	Stainless Steel	304
Bottom Diffuser	Stainless Steel	304
Lower Bearing	Stainless Steel / Rubber	304 / NBR
Stop Ring	Stainless Steel	304
Spacing Washer for Stop Ring	PTFE / CF	
Strainer	Stainless Steel	304
Suction Interconnector	Stainless Steel	304
Pump Shaft	Stainless Steel	431
Coupling	Stainless Steel	304
Strap	Stainless Steel	304
Nut	Stainless Steel	304
Cable Guard	Stainless Steel	304
Strainer Cap	Stainless Steel	304

Pump end discharge
5" FNPT



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