

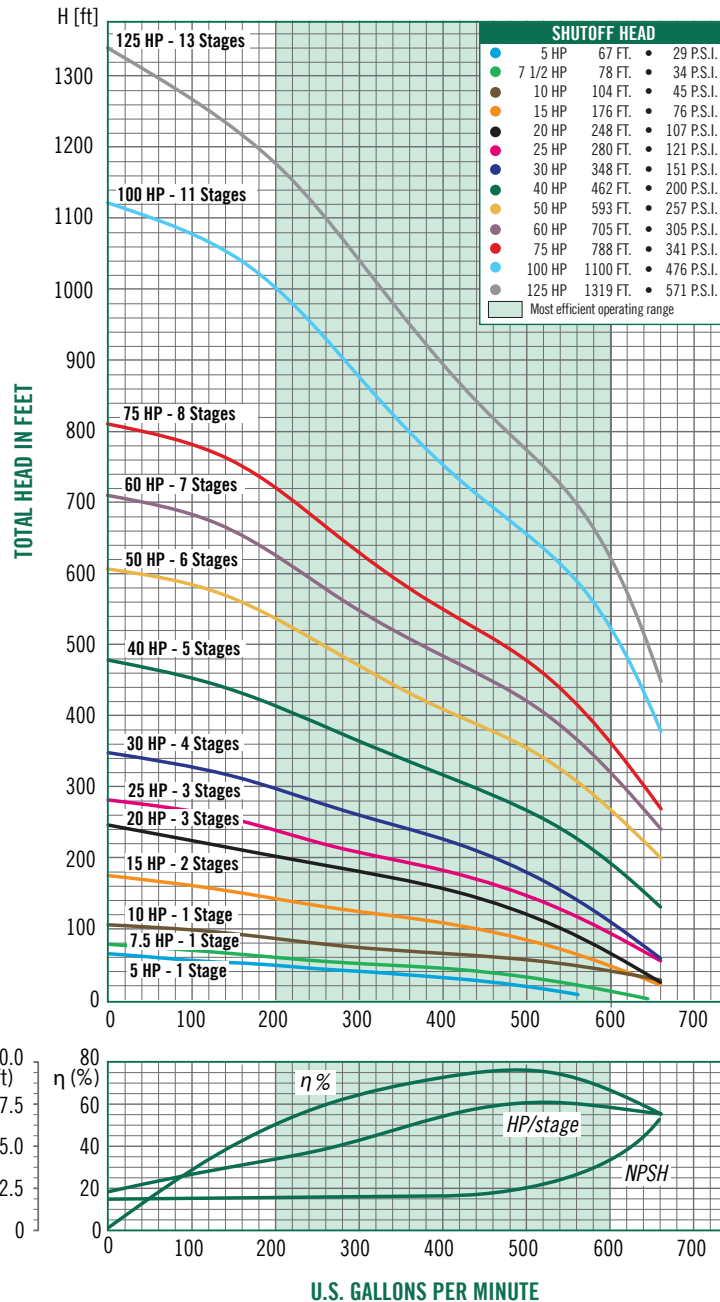
SUBMITTAL DATA SHEET

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

500 GPM



A.Y. McDonald stainless steel pump ends offer peak capacity performance in its 500 gallons per minute (GPM). Each pump end includes cable guard, bolts, and washers. The 500 gallons per minute (GPM) is a 8" Stainless Steel Pump End that ranges in size from 5 to 125 horsepower (HP).



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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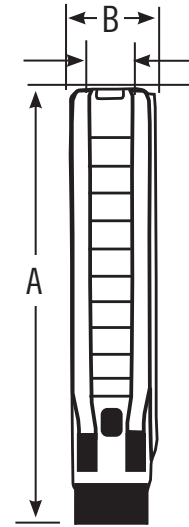
500 GPM



Models Available

Part No.	Model No.	HP	Stages	Motor Size	Disch. Size	A	B	Wt.
6181-012	500S5HP86	5	1	6"	5"	24.3"	7.1"	55.3
6181-013	500S7.5HP86	7.5	1	6"	5"	24.3"	7.1"	55.5
6181-014	500S10HP86	10	1	6"	5"	24.3"	7.1"	55.5
6181-015	500S15HP86	15	2	6"	5"	29.4"	7.1"	63.4
6181-016	500S20HP86	20	3	6"	5"	34.4"	7.1"	71.4
6181-017	500S25HP86	25	3	6"	5"	34.4"	7.1"	71.4
6181-018	500S30HP86	30	4	6"	5"	39.5"	7.1"	79.3
6181-019	500S40HP86	40	5	6"	5"	44.5"	7.1"	87.3
6181-020	500S50HP86	50	6	6"	5"	49.6"	7.1"	95.0
6181-021	500S60HP86	60	7	6"	5"	55.0"	8.1"	106.1
6181-026	500S60HP88	60	7	8"	5"	55.0"	8.1"	112.0
6181-022	500S75HP88	75	8	8"	5"	60.1"	8.1"	114.0
6181-023	500S100HP88	100	11	8"	5"	75.2"	8.1"	137.9
6181-024	500S125HP88	125	13	8"	5"	85.4"	8.1"	153.8

Pump end discharge
5" FNPT



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

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