

# SUBMITTAL DATA SHEET

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

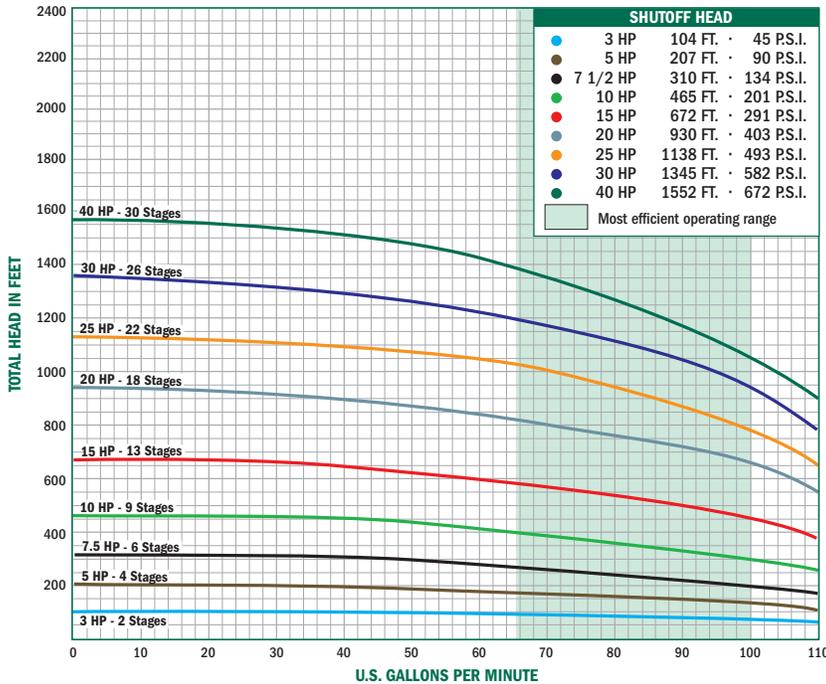
## 90 GPM



A.Y. McDonald stainless steel pump ends offer peak capacity performance in its 90 GPM. Each pump end includes cable guard, bolts, and washers. The 90 GPM Series is a 6" Stainless Steel Pump End that ranges in size from 3 to 40 Horsepower.

### Models Specification

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
Bearing	Rubber	NBR
Diffuser	Stainless Steel	304
Split Cone Nut	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	
Neck Ring Retainer	Stainless Steel	304
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



### Models Available

Model Number	HP	Stage	Motor Size	Disch. Size	Dimension in Inches		Wt.
					A	B	
90S3HP64	3	2	4"	3"	15.87	5.16	14.14
90S5HP64	5	4	4"	3"	20.63	5.16	20.55
90S7.5HP66	7.5	6	6"	3"	25.39	5.16	26.96
90S10HP66	10	9	6"	3"	32.56	5.59	36.69
90S15HP66	15	13	6"	3"	42.09	5.59	49.50
90S20HP66	20	18	6"	3"	53.98	5.59	65.42
90S25HP66	25	22	6"	3"	63.50	5.59	78.23
90S30HP66	30	26	6"	3"	73.03	5.59	91.05
90S40HP66	40	30	6"	3"	82.60	5.59	103.60

- FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED  
- CONTACT FACTORY FOR CAPACITIES NOT CATALOGED

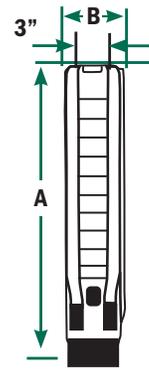


Fig. A

**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.



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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: