

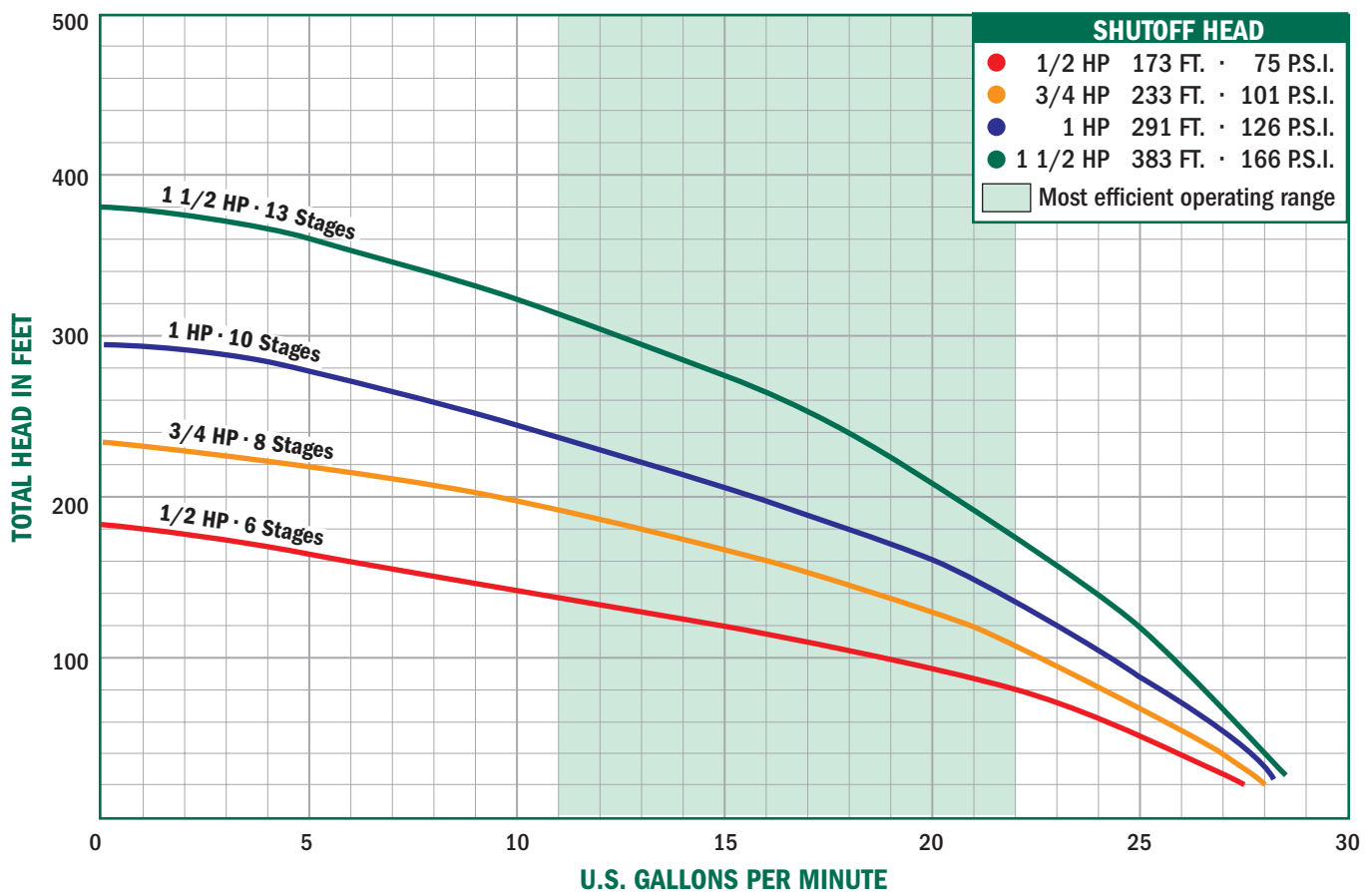
SUBMITTAL DATA SHEET

22000 Series
 4" No-Lead Thermoplastic Submersible Pumps
L - 15 GPM



A.Y. McDonald offers a full line of thermoplastic submersible pumps built for years of trouble free operation, with high-efficiency impellers and diffusers. These submersibles offer peak capacity performance in 5, 7, 10, 15, 20, and 25 gallons per minute (GPM). Other features include thermoplastic discharge head with a built-in check valve, and stainless steel shaft and coupling.

All Thermoplastic pumps have 1 1/4" discharge with internal check valve and sizes range from 1/2 to 1 1/2 horsepower (HP). Two or three wire models up to 1 1/2 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.
 4800 Chavenelle Rd
 Dubuque, IA 52002

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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:

SUBMITTAL DATA SHEET

22000 Series 4" No-Lead Thermoplastic Submersible Pumps L - 15 GPM



Two Wire Single Phase

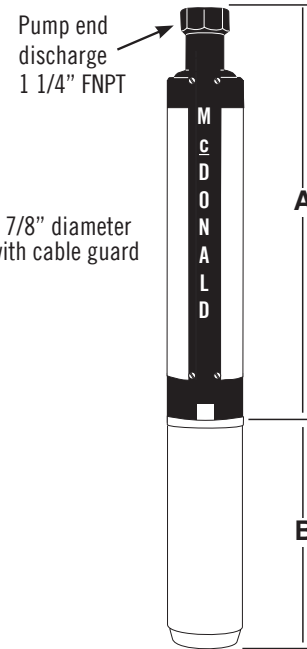
Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6634-194	22050L2A	1/2	6	115	13.6"	13.4"	23
6634-193	22050L2	1/2	6	230	13.6"	13.0"	23
6634-200	22075L2	3/4	8	230	15.7"	13.8"	27
6634-213	22100L2	1	10	230	17.9"	16.8"	30
6634-217	22150L2	1 1/2	13	230	21.1"	18.5"	41

Three Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6634-198	22050L3A	1/2	6	115	13.6"	9.5"	26
6634-196	22050L3	1/2	6	230	13.6"	10.5"	26
6634-211	22075L3	3/4	8	230	15.7"	11.3"	30
6634-215	22100L3	1	10	230	17.9"	13.6"	33
6634-219	22150L3	1 1/2	13	230	21.1"	16.2"	42

4" Thermoplastic Pump Ends

Part No.	Model No.	HP	Wt.
6634-192	22050L	1/2	6
6634-199	22075L	3/4	6
6634-212	22100L	1	9
6634-216	22150L	1 1/2	9



** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit.

Output - in Gallons Per Minute (Depth to Water)

PSI	25'	50'	75'	100'	125'	150'
0	28.28	25.58	22.58	19.18	15.14	9.84
30	20.00	16.14	11.23	2.99		
40	16.46	11.66	3.99			
50	12.08	4.85				
60	5.63					

PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'
0	28.58	26.69	24.66	22.46	20.05	17.33	14.17	10.21	4.08
30	22.98	20.62	17.98	14.94	11.22	5.91			
40	20.81	18.19	15.19	11.54	6.43				
50	18.40	15.44	11.85	6.92					
60	15.68	12.15	7.38						

PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'
0	28.92	27.42	25.84	24.16	22.37	20.44	18.33	15.97	13.26	9.96	5.33
30	24.55	22.79	20.89	18.83	16.53	13.92	10.78	6.60			
40	22.93	21.04	18.99	16.72	14.13	11.05	6.99				
50	21.19	19.15	16.90	14.34	11.31	7.36					
60	19.31	17.08	14.55	11.56	7.71	0.50					

PSI	50'	100'	150'	200'	250'	300'	350'
0	28.02	25.72	23.20	20.39	17.15	13.20	7.62
30	24.78	22.16	19.20	15.74	11.35	4.06	
40	23.60	20.84	17.68	13.87	8.68		
50	22.37	19.44	16.03	11.73	4.93		
60	21.06	17.94	14.19	9.16			

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

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