SUBMITTAL DATA SHEET

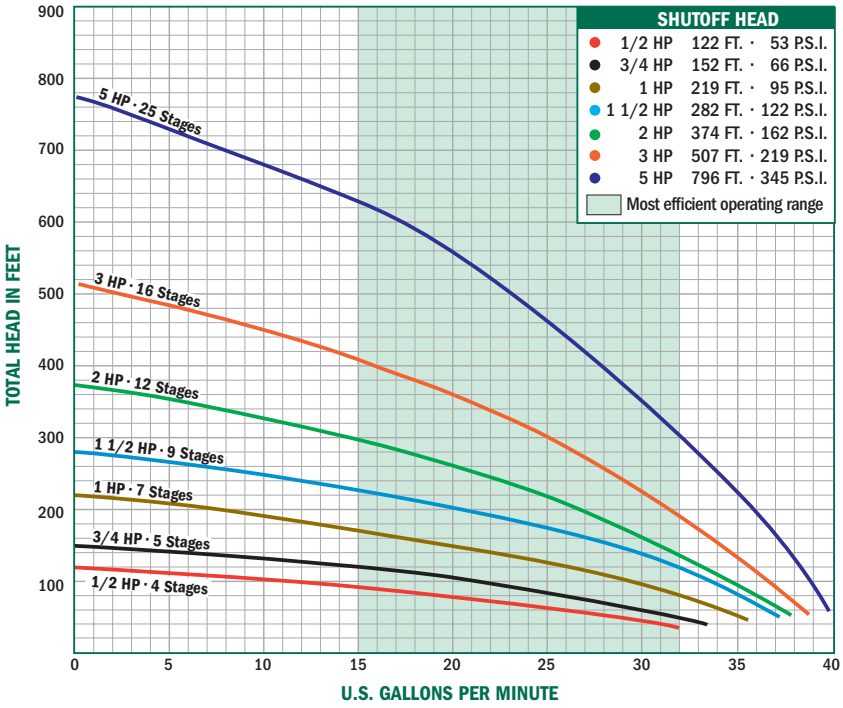
21000 Series

4" No-Lead Brass Submersible Pumps

M Series - 25 GPM



All M Series No-Lead Pumps come with a 1 1/4" discharge and sizes range from 1/2 to 5 horse power (HP). Two wire models up to 1 1/2 horse power (HP) or three wire models up to 5 horse power (HP).



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

Models Available

Two Wire Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
21050M2A	1/2	4	115	12.44"	9.53"	26
21050M2	1/2	4	230	12.44"	9.53"	26
21075M2	3/4	5	230	13.52"	10.66"	28
21100M2	1	7	230	15.67"	11.75"	33
21150M2	1 1/2	9	230	17.82"	15.12"	42

Three Wire** Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
21050M3A	1/2	4	115	12.44"	9.53"	26
21050M3	1/2	4	230	12.44"	9.53"	26
21075M3	3/4	5	230	13.52"	10.66"	28
21100M3	1	7	230	15.67"	11.75"	32
21150M3	1 1/2	9	230	17.82"	13.62"	38
21200M3	2	12	230	21.04"	15.12"	43
21300M3	3	16	230	25.33"	19.06"	55
21500M3	5	25	230	36.38"	29.62"	85

Three Wire** Three Phase

Model No.	HP	Stages	Volt	A	B	Wt.
21150M3Z	1 1/2	9	230	17.82"	11.75"	34
21150M3Y	1 1/2	9	460	17.82"	11.75"	35
21200M3Z	2	12	230	21.04"	13.62"	40
21200M3Y	2	12	460	21.04"	13.62"	40
21300M3Z	3	16	230	25.33"	16.04"	48
21300M3Y	3	16	460	25.33"	16.04"	48
21500M3Z	5	25	230	36.38"	23.62"	71
21500M3Y	5	25	460	36.38"	23.62"	71

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.

EST. 1856 McDonald

A.Y. McDonald Mfg. Co.
P.O. Box 508
Dubuque, IA 52004-0508

Toll Free: 1-800-292-2737
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sales@aymcdonald.com
www.aymcdonald.com

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

21000 Series

4” No-Lead Brass Submersible Pumps

M Series - 25 GPM



All M Series No-Lead Pumps come with a 1 1/4” discharge and sizes range from 1/2 to 5 horse power (HP). Two wire models up to 1 1/2 horse power (HP) or three wire models up to 5 horse power (HP).

Output - in Gallons Per Minute (Depth to Water)

	PSI	25’	50’	75’	100’
1/2 HP	0	34.97	29.23	22.43	13.64
	30	15.93	2.93		
	40	4.38			
	50				

	PSI	25’	50’	75’	100’	125’	150’
3/4 HP	0	36.08	31.97	27.33	21.88	14.91	2.74
	30	23.22	16.71	6.80			
	40	17.27	7.85				
	50	8.81					

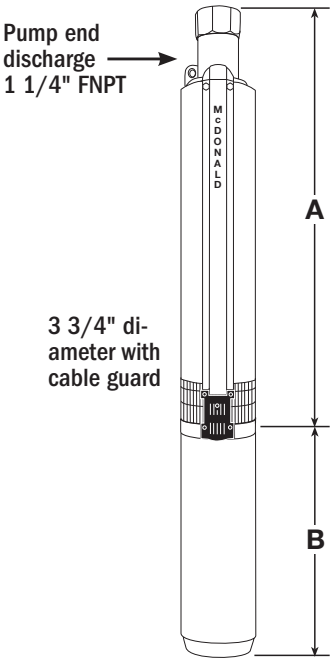
	PSI	25’	50’	75’	100’	125’	150’	175’	200’
1 HP	0	38.23	35.39	32.34	29.02	25.34	21.13	16.10	9.38
	30	29.81	26.22	22.15	17.35	11.16			
	40	26.50	22.48	17.75	11.71	1.28			
	50	22.80	18.14	12.24	2.61				
	60	18.53		3.73					

	PSI	25’	50’	75’	100’	125’	150’	175’	200’	225’	250’	275’
1½ HP	0	40.00	37.82	35.52	33.08	30.47	27.63	24.52	21.01	16.91	11.76	3.56
	30	33.65	31.08	28.30	25.26	21.85	17.91	13.07	6.06			
	40	31.28	28.52	25.50	22.13	18.24	13.49	6.76				
	50	28.74	25.74	22.40	18.56	13.90	7.42					
	60	25.98		18.87	14.29	8.04						

	PSI	50’	100’	150’	200’	250’	300’	350’
2 HP	0	38.07	34.66	30.92	26.74	21.91	15.98	7.38
	30	33.26	29.37	24.97	19.79	13.16	1.33	
	40	31.52	27.42	22.70	16.98	9.04		
	50	29.68	25.33	20.23	13.75	2.92		
	60	27.75	23.09	17.47	9.80			

	PSI	50’	100’	150’	200’	250’	300’	350’	400’	450’	500’
3 HP	0	39.30	36.84	34.22	31.42	28.38	25.02	21.23	16.75	11.09	1.27
	30	35.85	33.16	30.28	27.12	23.62	19.61	14.78	8.24		
	40	34.63	31.86	28.86	25.55	21.84	17.51	12.08	3.58		
	50	33.38	30.50	27.37	23.90	19.94	15.19	8.85			
	60	32.08	29.09	25.82	22.14	17.87	12.56	4.51			

	PSI	50’	100’	150’	200’	250’	300’	350’	400’	450’	500’	550’	600’	650’	700’	750’
5 HP	0	40.43	38.86	37.23	35.53	33.76	31.90	29.93	27.85	25.63	23.22	20.59	17.64	14.23	10.04	3.94
	30	38.24	36.58	34.86	33.05	31.15	29.15	27.01	24.72	22.24	19.50	16.39	12.74	8.05		
	40	37.48	35.79	34.03	32.19	30.24	28.18	25.98	23.60	21.01	18.12	14.79	10.75	5.13		
	50	36.71	34.99	33.19	31.30	29.30	27.18	24.90	22.44	19.72	16.65	13.04	8.46	0.75		
	60	35.93	34.17	32.33	30.39	28.34	26.15	23.79	21.21	18.35	15.06	11.10	5.67			



FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

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