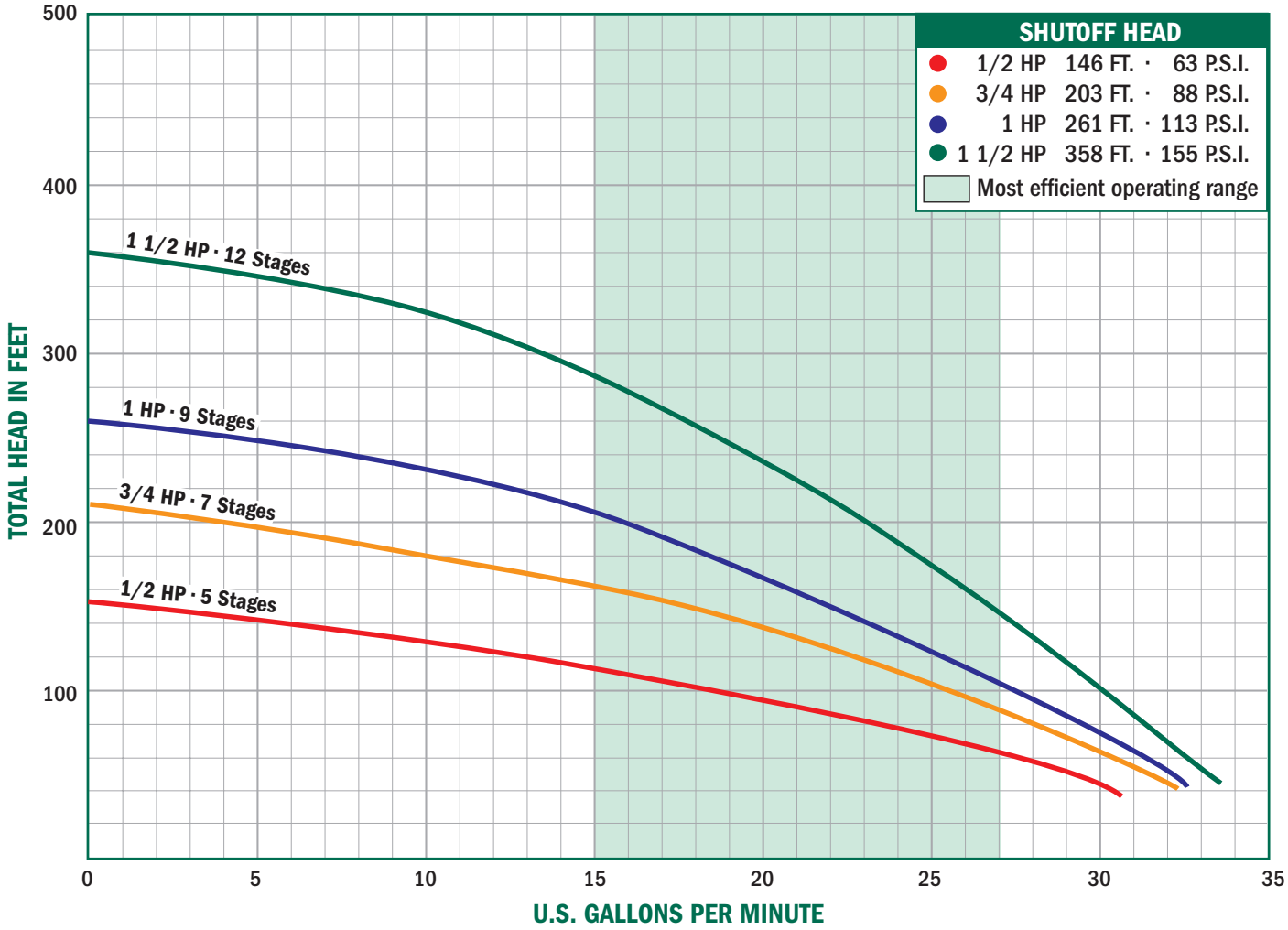
SUBMITTAL DATA SHEET

22000 Series
4" Thermoplastic Submersible Pumps

P Series - 20 GPM



Sizes range from 1/2 to 1 1/2 HP. All P Series pumps have 1 1/4" discharge with internal check valve. Two or three wire models up to 1 1/2 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.
P.O. Box 508
Dubuque, IA 52004-0508

Toll Free: 1-800-292-2737
Fax: 1-800-832-9296
Hours: 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com
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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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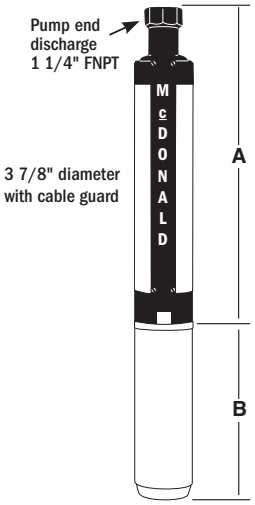
Models Available

Two Wire Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
22050P2A	1/2	5	115	12.48"	9.53"	23
22050P2	1/2	5	230	12.48"	9.53"	23
22075P2	3/4	7	230	14.63"	10.66"	27
22100P2	1	9	230	16.78"	11.75"	31
22150P2	1 1/2	12	230	20.00"	15.12"	41

Three Wire Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
22050P3A	1/2	5	115	12.02"	9.53"	23
22050P3	1/2	5	230	12.02"	9.53"	23
22075P3	3/4	7	230	14.17"	10.66"	26
22100P3	1	9	230	16.78"	11.75"	31
22150P3	1 1/2	12	230	20.00"	13.62"	37



Output - in Gallons Per Minute (Depth to Water)

	PSI	25	50	75	100	125
1/2 HP	0	32.34	28.61	24.35	19.26	12.48
	30	20.53	14.28	2.68		
	40	14.83	4.36			
	50	5.68				

	PSI	25	50	75	100	125	150	175	200
3/4 HP	0	32.36	29.82	27.06	24.01	20.58	16.54	11.39	2.53
	30	24.74	21.40	17.53	12.71	5.44			
	40	21.67	17.85	13.13	6.20				
	50	18.16	13.54	6.91					
	60	13.93	7.56						

	PSI	25	50	75	100	125	150	175	200	225	250
1 HP	0	33.30	31.39	29.36	27.19	24.84	22.26	19.37	16.02	11.88	5.72
	30	27.70	25.39	22.87	20.06	16.84	12.92	7.49			
	40	25.57	23.07	20.29	17.10	13.26	8.01				
	50	23.27	20.51	17.36	13.58	8.50					
	60	20.73	17.62	13.90	8.97						

	PSI	50	100	150	200	250	300	350
1½ HP	0	32.95	29.95	26.64	22.90	18.50	12.88	3.03
	30	28.71	25.26	21.30	16.53	10.04		
	40	27.17	23.50	19.23	13.86	5.38		
	50	25.53	21.62	16.93	10.65			
	60	23.80	19.58	14.33	6.32			

FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

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EST. 1856 McDonald

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