

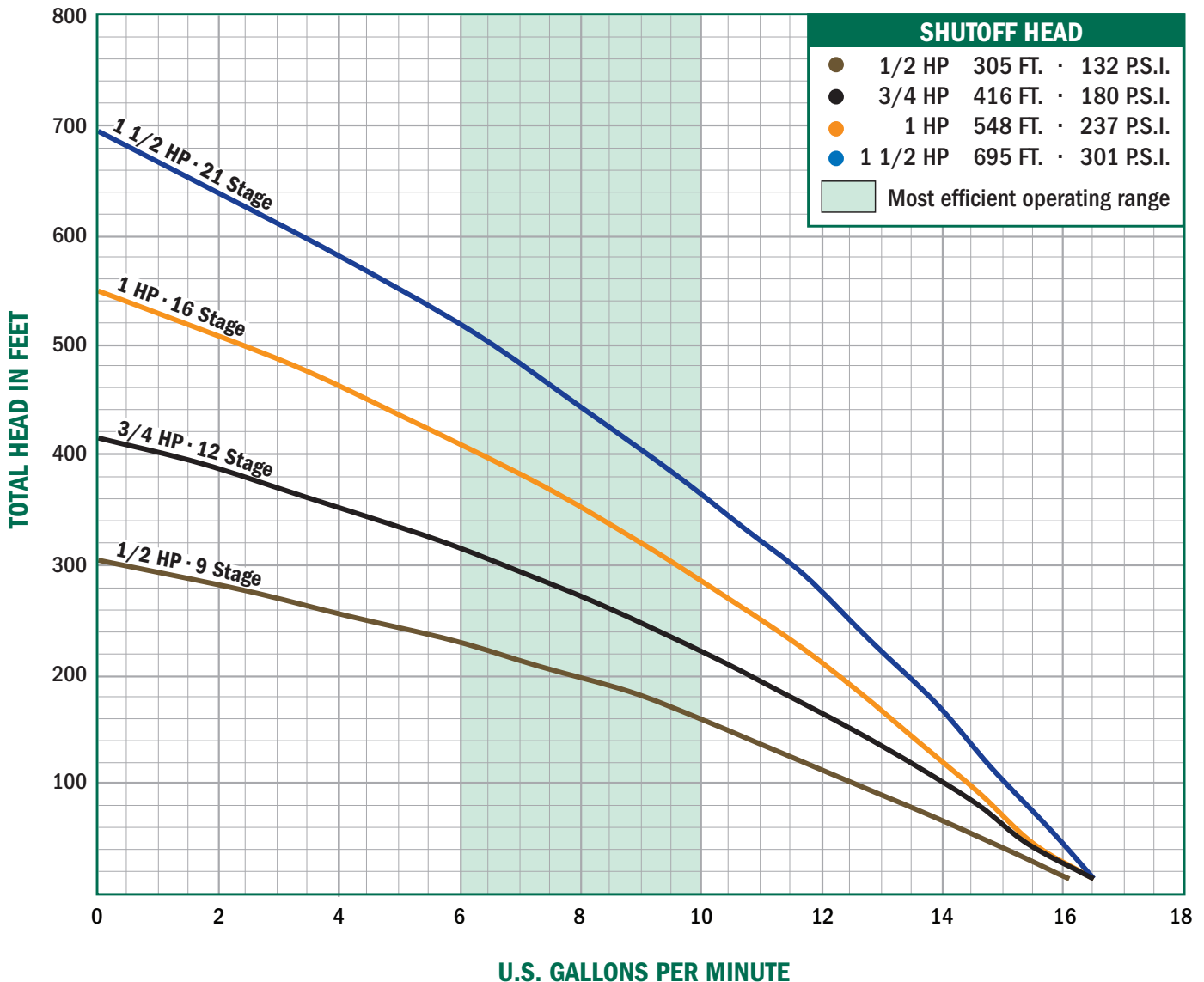
SUBMITTAL DATA SHEET

22000 Series
 4" No-Lead Thermoplastic Submersible Pumps
V - 7 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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 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:

SUBMITTAL DATA SHEET

22000 Series 4" No-Lead Thermoplastic Submersible Pumps V - 7 GPM



Two Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6634-066	22050V2A	1/2	9	115	14.2"	13.4"	25
6634-063	22050V2	1/2	9	230	14.2"	13.0"	24
6634-064	22075V2	3/4	12	230	16.7"	13.8"	28
6634-070	22100V2	1	16	230	19.9"	16.8"	31
6634-072	22150V2	1 1/2	21	230	24.3"	18.5"	42

Three Wire Single Phase

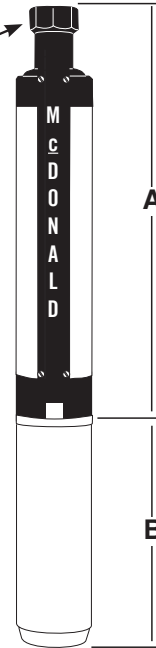
Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6634-065	22050V3A	1/2	9	115	14.2"	9.5"	25
6634-067	22050V3	1/2	9	230	14.2"	10.5"	25
6634-068	22075V3	3/4	12	230	16.7"	11.3"	28
6634-069	22100V3	1	16	230	19.9"	13.6"	32
6634-071	22150V3	1 1/2	21	230	24.3"	16.2"	40

4" Thermoplastic Pump Ends

Part No.	Model No.	HP	Wt.
6634-094	22050V	1/2	6
6634-095	22075V	3/4	9
6634-096	22100V	1	9
6634-097	22150V	1 1/2	13

Pump end discharge
1 1/4" FNPT

3 7/8" diameter
with cable guard



** 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)

1/2 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'
	0	15.6	14.6	13.6	12.6	11.5	10.4	9.2	7.8	6.3	4.5	2.5
30	12.8	11.8	10.7	9.5	8.2	6.7	5.0	3.0				
40	11.9	10.8	9.6	8.3	6.8	5.1	3.1					
50	10.9	9.7	8.4	6.9	5.2	3.3						
60	9.8	8.5	7.0	5.4	3.4	1.3						

3/4 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'
	0	16.1	15.5	14.8	14.0	13.3	12.5	11.6	10.8	9.9	8.9	7.8	6.7	5.5	4.2	2.8
30	14.2	13.4	12.7	11.8	11.0	10.1	9.1	8.1	7.0	5.8	4.5	3.1	1.5			
40	13.5	12.7	11.9	11.0	10.1	9.2	8.2	7.1	5.9	4.6	3.2	1.7				
50	12.8	12.0	11.1	10.2	9.3	8.2	7.2	6.0	4.7	3.3	1.8					
60	12.0	11.2	10.3	9.3	8.3	7.2	6.1	4.8	3.4	1.9						

1 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'
	0	16.1	15.5	15.0	14.4	13.9	13.3	12.8	12.2	11.6	11.0	10.3	9.6	8.9	8.1	7.2	6.3	5.4	4.5	3.5
30	14.5	14.0	13.5	12.9	12.3	11.8	11.1	10.5	9.8	9.1	8.3	7.4	6.6	5.6	4.7	3.7	2.7			
40	14.0	13.5	12.9	12.4	11.8	11.2	10.5	9.9	9.1	8.3	7.5	6.6	5.7	4.7	3.8	2.8				
50	13.5	13.0	12.4	11.8	11.2	10.6	9.9	9.2	8.4	7.6	6.7	5.8	4.8	3.8	2.8					
60	13.0	12.5	11.9	11.3	10.6	10.0	9.2	8.5	7.6	6.8	5.8	4.9	3.9	2.9	1.9					

1 1/2 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'
	0	15.9	15.1	14.3	13.4	12.4	11.4	10.4	9.2	7.9	6.5	5.0	3.4	1.6
30	14.8	13.9	13.0	12.1	11.0	9.9	8.7	7.4	5.9	4.4	2.7			
40	14.4	13.5	12.6	11.6	10.5	9.4	8.1	6.7	5.2	3.6	1.9			
50	14.0	13.1	12.1	11.1	10.0	8.8	7.5	6.0	4.5	2.8				
60	13.6	12.7	11.7	10.6	9.5	8.2	6.8	5.3	3.7	2.0				

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

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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