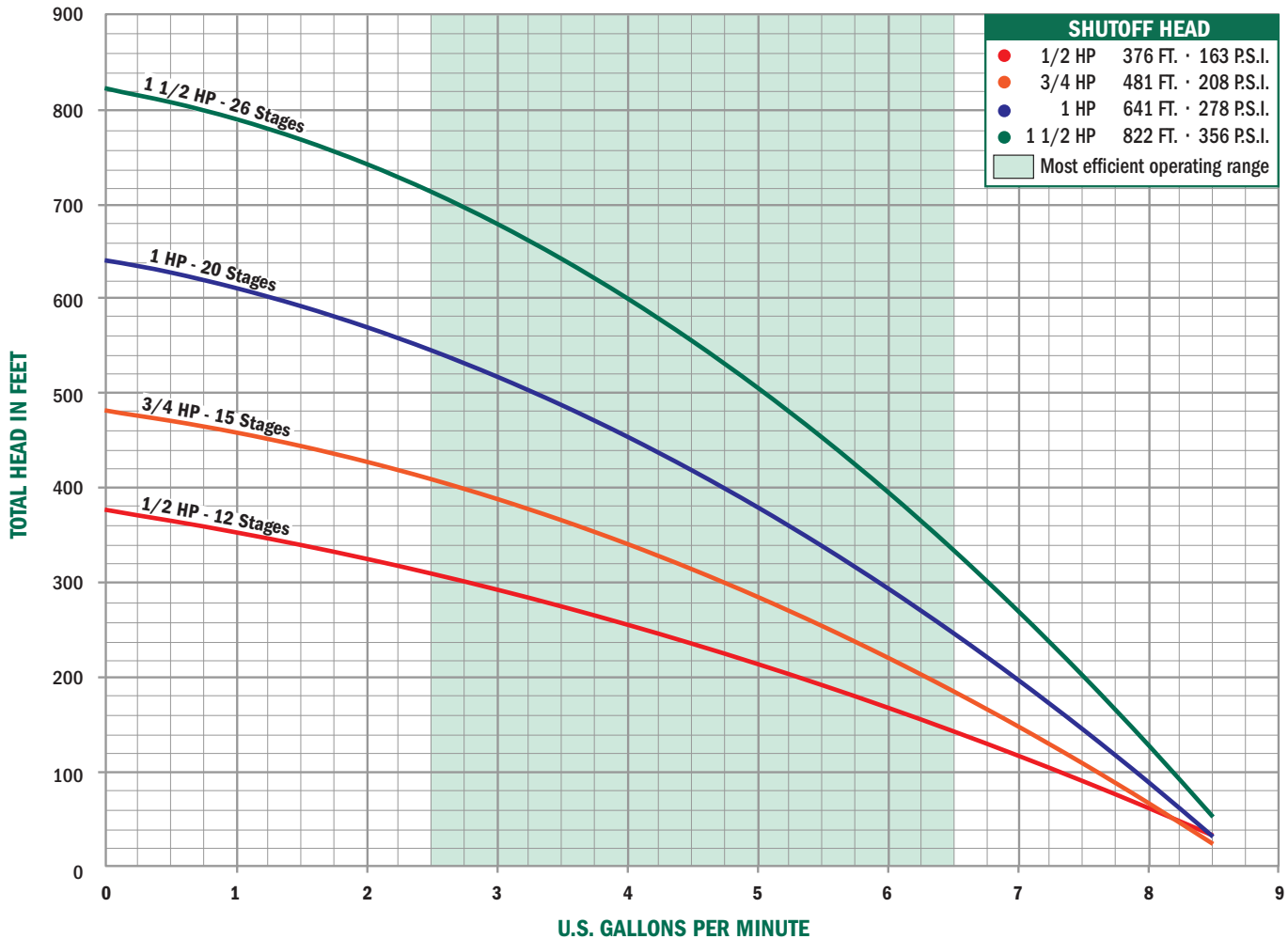


SUBMITTAL DATA SHEET

24000 Series
 4" No-Lead Stainless Steel Submersible Pumps
J - 5 GPM



All Stainless Steel Submersible Pumps are designed to pump within the 5 gallons per minute (GPM) range. Sizes are available from 1/2 to 1 1/2 HP. All models are standard with 1 1/4" NPT discharge.



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
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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

24000 Series 4" No-Lead Stainless Steel Submersible Pumps J - 5 GPM



Two Wire Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
24050J2A	1/2	12	115	14.1	9.5	26.0
24050J2	1/2	12	230	14.1	9.5	26.0
24075J2	3/4	15	230	16.2	10.6	30.1
24100J2	1	20	230	19.8	11.7	34.8
24150J2	1 1/2	26	230	25.3	15.1	43.8

Three Wire** Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
24050J3A	1/2	12	115	14.1	9.5	27.0
24050J3	1/2	12	230	14.1	9.5	27.0
24075J3	3/4	15	230	16.2	10.6	30.1
24100J3	1	20	230	19.8	11.7	34.8
24150J3	1 1/2	26	230	25.3	13.6	40.8

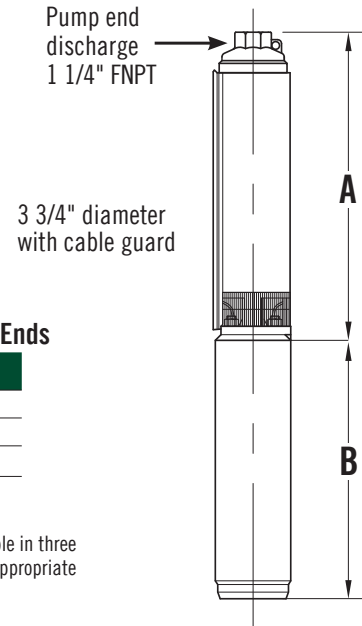
Three Wire Three Phase

Model No.	HP	Stages	Volt	A	B	Wt.
24150J3Z	1 1/2	26	230	25.3	11.7	36.8

4" Stainless Steel Pump Ends

Model No.	HP	Wt.
24050J	1/2	8
24075J	3/4	9
24100J	1	11
24150J	1 1/2	13

** 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'	300'	325'
	0	8.6	8.2	7.8	7.3	6.8	6.4	5.8	5.3	4.7	4.1	3.5	2.8	2.0
30	7.4	7.0	6.5	6.0	5.4	4.9	4.3	3.6	2.9	2.2	1.3			
50	6.5	6.0	5.5	5.0	4.4	3.7	3.1	2.3	1.5					
60	6.1	5.6	5.0	4.4	3.8	3.1	2.4	1.5						

3/4 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'
	0	8.5	8.2	7.9	7.6	7.3	7.0	6.6	6.3	5.9	5.6	5.2	4.7	4.3	3.8	3.3	2.7	2.1	1.3
30	7.7	7.4	7.0	6.7	6.4	6.0	5.6	5.3	4.8	4.4	3.9	3.4	2.9	2.2	1.5				
50	7.1	6.8	6.4	6.1	5.7	5.3	4.9	4.5	4.0	3.5	3.0	2.3	1.6						
60	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.0	3.5	3.0	2.4	1.7							

1 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'	500'	525'	550'	575'	600'
	0	8.5	8.3	8.1	7.9	7.7	7.4	7.2	7.0	6.7	6.5	6.2	5.9	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.3	2.9	2.4	1.9	1.3
30	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1	3.8	3.4	3.0	2.5	2.0	1.4				
50	7.5	7.3	7.1	6.8	6.6	6.3	6.0	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.0	2.6	2.1	1.5						
60	7.3	7.1	6.8	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.2	3.9	3.5	3.1	2.6	2.1	1.6							

1 1/2 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'
	0	8.5	8.2	7.9	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.6	4.0	3.4	2.7	1.9		
30	8.1	7.7	7.4	7.0	6.6	6.2	5.8	5.4	4.9	4.4	3.8	3.1	2.4	1.5				
50	7.7	7.4	7.0	6.7	6.3	5.8	5.4	4.9	4.4	3.8	3.2	2.5	1.6					
60	7.6	7.2	6.9	6.5	6.1	5.6	5.2	4.7	4.1	3.5	2.9	2.1						

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

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