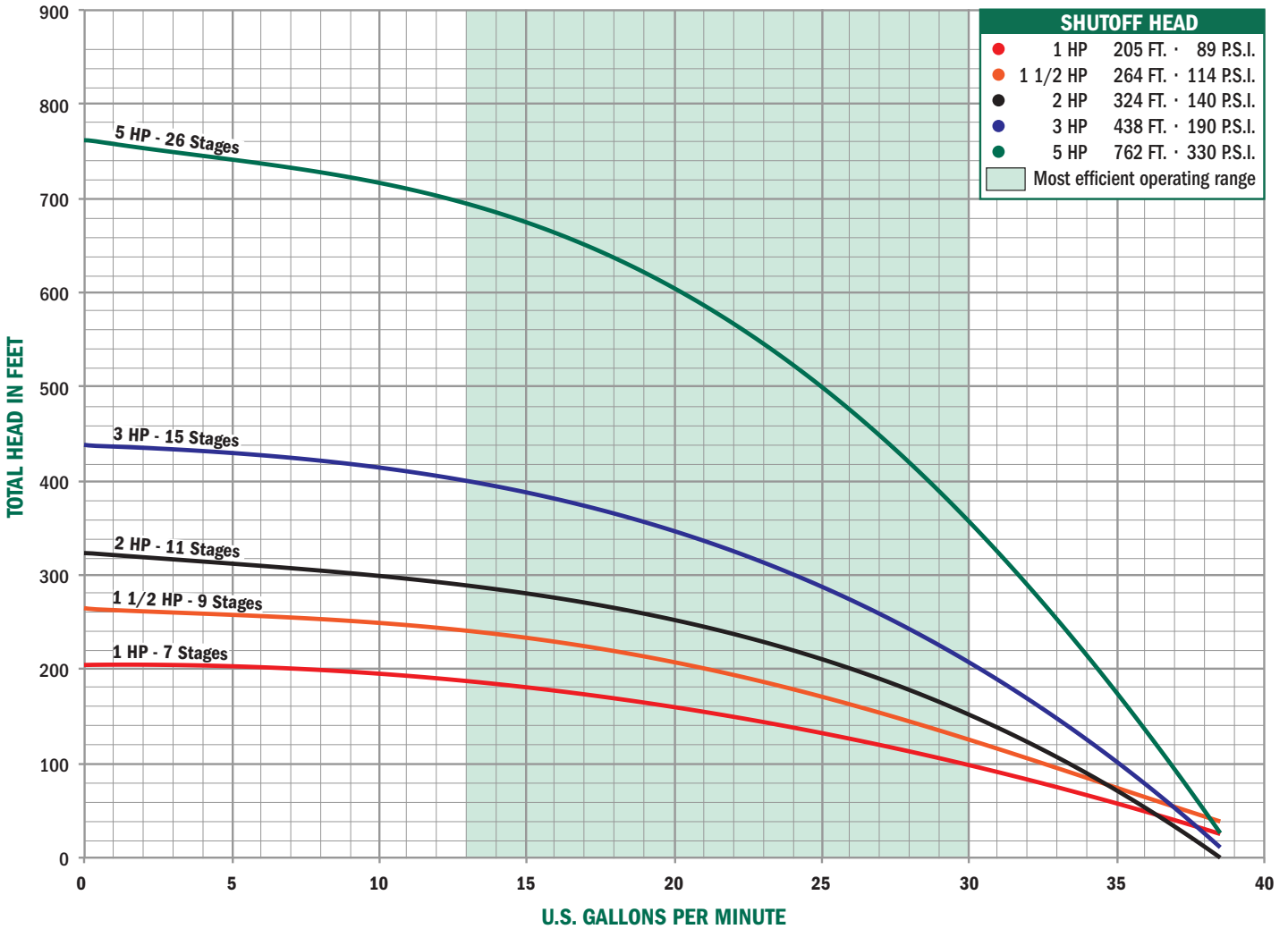


# SUBMITTAL DATA SHEET

24000 Series  
 4" No-Lead Stainless Steel Submersible Pumps  
**M - 25 GPM**



All Stainless Steel Submersible Pumps are designed to pump within the 25 gallons per minute (GPM) range. Sizes are available from 1 to 5 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  
 Dubuque, IA 52004-0508

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[sales@aymcdonald.com](mailto: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

## 24000 Series 4" No-Lead Stainless Steel Submersible Pumps M - 25 GPM



### Two Wire Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
24100M2	1	7	230	12.6	11.7	30.9
24150M2	1 1/2	9	230	14.6	15.1	38.7

### Three Wire\*\* Single Phase

Model No.	HP	Stages	Volt	A	B	Wt.
24100M3	1	7	230	12.6	11.7	30.9
24150M3	1 1/2	9	230	14.6	13.6	35.7
24200M3	2	11	230	16.5	15.1	41.6
24300M3	3	15	230	20.4	19.0	51.4
24500M3	5	26	230	32.5	29.2	86.7

### Three Wire Three Phase

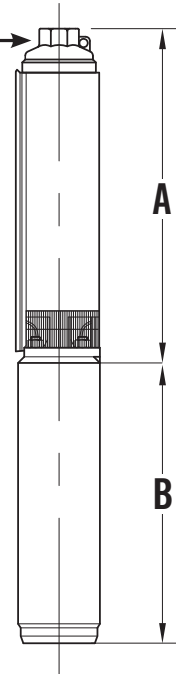
Model No.	HP	Stages	Volt	A	B	Wt.
24150M3Z	1 1/2	9	230	14.6	11.7	31.7
24200M3Z	2	11	230	16.5	13.6	36.6
24300M3Z	3	15	230	20.4	16.0	45.4
24500M3Z	5	26	230	32.5	23.2	71.7

### 4" Stainless Steel Pump Ends

Model No.	HP	Wt.
24100M	1	7
24150M	1 1/2	9
24200M	2	10
24300M	3	12
24500M	5	16

Pump end discharge  
1 1/4" FNPT

3 3/4" 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 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'
	0	38.5	35.9	33.0	29.8	26.2	22.0	16.6	7.7
30	30.5	27.0	23.0	18.0	10.5				
50	23.7	18.8	12.0						

1 1/2 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'
	0	39.9	37.4	34.9	32.5	30.0	27.4	24.5	21.2	16.9	9.7
30	33.1	30.6	28.0	25.2	22.0	18.0	11.9				
50	28.4	25.7	22.5	18.7	13.1						
60	25.9	22.8	19.0	13.7							

2 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'
	0	37.4	36.1	34.8	33.4	31.8	30.1	28.2	26.1	23.5	20.4	16.2	9.7
30	33.7	32.2	30.5	28.7	26.6	24.1	21.1	17.3	11.5	1.9			
50	30.8	29.0	26.9	24.5	21.6	17.9	12.6	3.6					
60	29.1	27.1	24.7	21.9	18.3	13.1	4.4						

3 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'
	0	38.0	37.1	36.1	35.1	34.0	32.9	31.7	30.4	29.0	27.5	25.9	24.1	22.0	19.7	16.8	13.0	6.9
30	35.3	34.2	33.1	31.9	30.7	29.3	27.9	26.3	24.5	22.5	20.0	17.5	14.0	8.7				
50	33.3	32.1	30.9	29.5	28.1	26.5	24.8	22.8	20.6	18.0	14.6	9.7						
60	32.2	31.0	29.7	28.2	26.7	24.9	23.0	20.8	18.2	14.9	10.2							

5 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'
	0	38.0	36.8	35.6	34.4	33.1	31.7	30.2	28.6	26.9	25.0	22.8	20.2	17.0	12.3
30	36.4	35.1	33.9	32.5	31.1	29.6	28.0	26.2	24.2	21.9	19.1	15.4	9.5		
50	35.2	34.0	32.6	31.2	29.7	28.1	26.3	24.3	22.1	19.3	15.8	10.1			
60	34.7	33.4	32.0	30.5	29.0	27.3	25.4	23.3	20.9	17.8	13.6				

**FRICTION LOSSES IN RISER PIPE  
HAVE NOT BEEN CALCULATED**

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