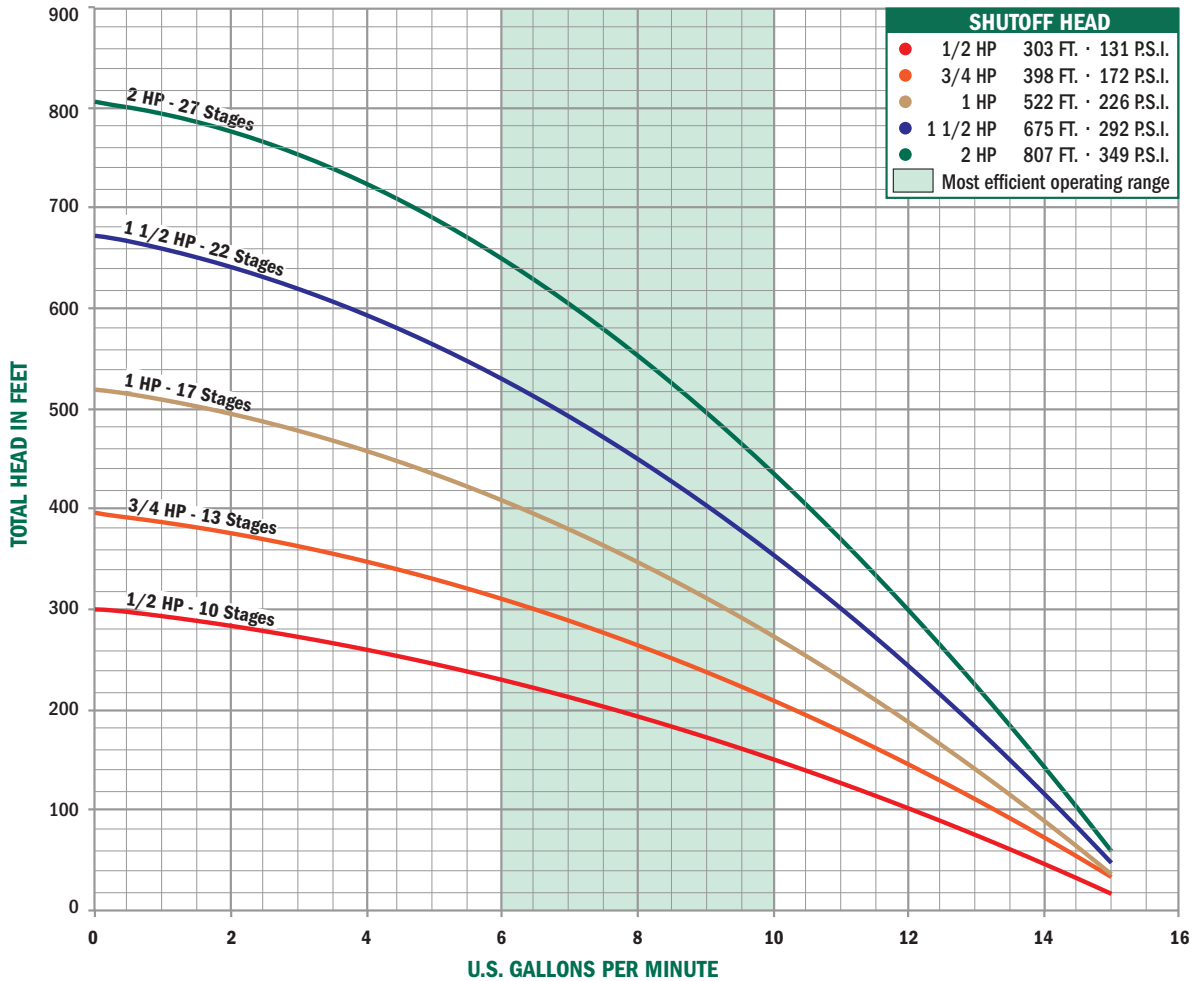


# SUBMITTAL DATA SHEET

24000 Series  
 4" No-Lead Stainless Steel Submersible Pumps  
**V - 7 GPM**



All Stainless Steel Submersible Pumps are designed to pump within the 7 gallons per minute (GPM) range. Sizes are available from 1/2 to 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.**  
 4800 Chavenelle Rd  
 Dubuque, IA 52002

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

## 24000 Series 4" No-Lead Stainless Steel Submersible Pumps V - 7 GPM



### Two Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-255	24050V2A	1/2	10	115	13.0"	13.4"	25
6630-254	24050V2	1/2	10	230	13.0"	13.0"	30
6630-261	24075V2	3/4	13	230	15.2"	13.8"	33
6630-265	24100V2	1	17	230	17.9"	16.8"	40
6630-269	24150V2	1 1/2	22	230	21.4"	18.5"	44

### Three Wire\*\* Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-257	24050V3A	1/2	10	115	13.0"	9.5"	29
6630-256	24050V3	1/2	10	230	13.0"	10.5"	29
6630-262	24075V3	3/4	13	230	15.2"	11.3"	32
6630-266	24100V3	1	17	230	17.9"	13.6"	37
6630-270	24150V3	1 1/2	22	230	21.5"	16.2"	43
6630-273	24200V3	2	27	230	26.6"	16.2"	51

### Three Wire Three Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-409	24150V3Z	1 1/2	22	230	21.5"	13.6"	41
6630-410	24200V3Z	2	27	230	26.6"	15.4"	49

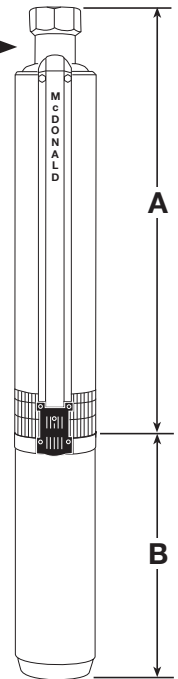
### 4" Stainless Steel Pump Ends

Part No.	Model No.	HP	Wt.
6630-253	24050V	1/2	8
6630-260	24075V	3/4	9
6630-264	24100V	1	10
6630-268	24150V	1 1/2	12
6630-272	24200V	2	15

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

Pump end discharge  
1 1/4" FNPT

3 3/4" diameter  
with cable guard



### Output - in Gallons Per Minute (Depth to Water)

1/2 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'
0	14.8	14.0	13.1	12.2	11.2	10.1	9.0	7.8	6.4	4.9	3.0	
30	12.4	11.4	10.4	9.3	8.1	6.7	5.2	3.5	1.1			
50	10.5	9.5	8.3	7.0	5.5	3.8	1.5					
60	9.5	8.4	7.1	5.6	3.9	1.7						

3/4 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'
0	15.3	14.6	14.0	13.4	12.7	11.9	11.2	10.4	9.5	8.6	7.7	6.6	5.4	4.0	2.3	
30	13.5	12.8	12.1	11.4	10.6	9.7	8.9	7.9	6.8	5.7	4.3	2.7				
50	12.2	11.5	10.7	9.9	9.0	8.0	7.0	5.9	4.6	3.0						
60	11.5	10.8	9.9	9.1	8.1	7.1	6.0	4.7	3.1	1.0						

1 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'	400'	425'	450'	475'	500'
0	15.2	14.8	14.3	13.8	13.4	12.8	12.3	11.8	11.2	10.6	10.0	9.4	8.7	8.0	7.2	6.4	5.5	4.5	3.3	1.8	
30	14.0	13.5	13.0	12.4	11.9	11.4	10.8	10.2	9.5	8.9	8.2	7.4	6.6	5.7	4.7	3.6	2.2				
50	13.0	12.5	12.0	11.4	10.9	10.3	9.6	9.0	8.3	7.5	6.7	5.8	4.9	3.7	2.4						
60	12.6	12.0	11.5	10.9	10.3	9.7	9.0	8.3	7.6	6.8	5.9	4.9	3.8	2.5							

1 1/2 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'
0	15.0	14.3	13.5	12.8	11.9	11.1	10.1	9.1	8.1	6.8	5.5	3.8	1.7	
30	14.0	13.2	12.4	11.6	10.7	9.8	8.7	7.6	6.3	4.9	3.1			
50	13.3	12.5	11.7	10.8	9.8	8.8	7.7	6.4	5.0	3.2				
60	12.9	12.1	11.3	10.4	9.4	8.3	7.1	5.8	4.2	2.2				

2 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'
0	15.1	14.6	14.0	13.3	12.7	12.0	11.3	10.6	9.8	9.0	8.1	7.1	6.0	4.8	3.2	0.7	
30	14.3	13.7	13.1	12.4	11.8	11.0	10.3	9.5	8.7	7.7	6.7	5.6	4.2	2.4	0.8		
50	13.8	13.1	12.5	11.8	11.1	10.4	9.6	8.7	7.8	6.8	5.7	4.3	2.6				
60	13.5	12.8	12.2	11.5	10.8	10.0	9.2	8.3	7.4	6.3	5.1	3.6	1.5				

FRICION 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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