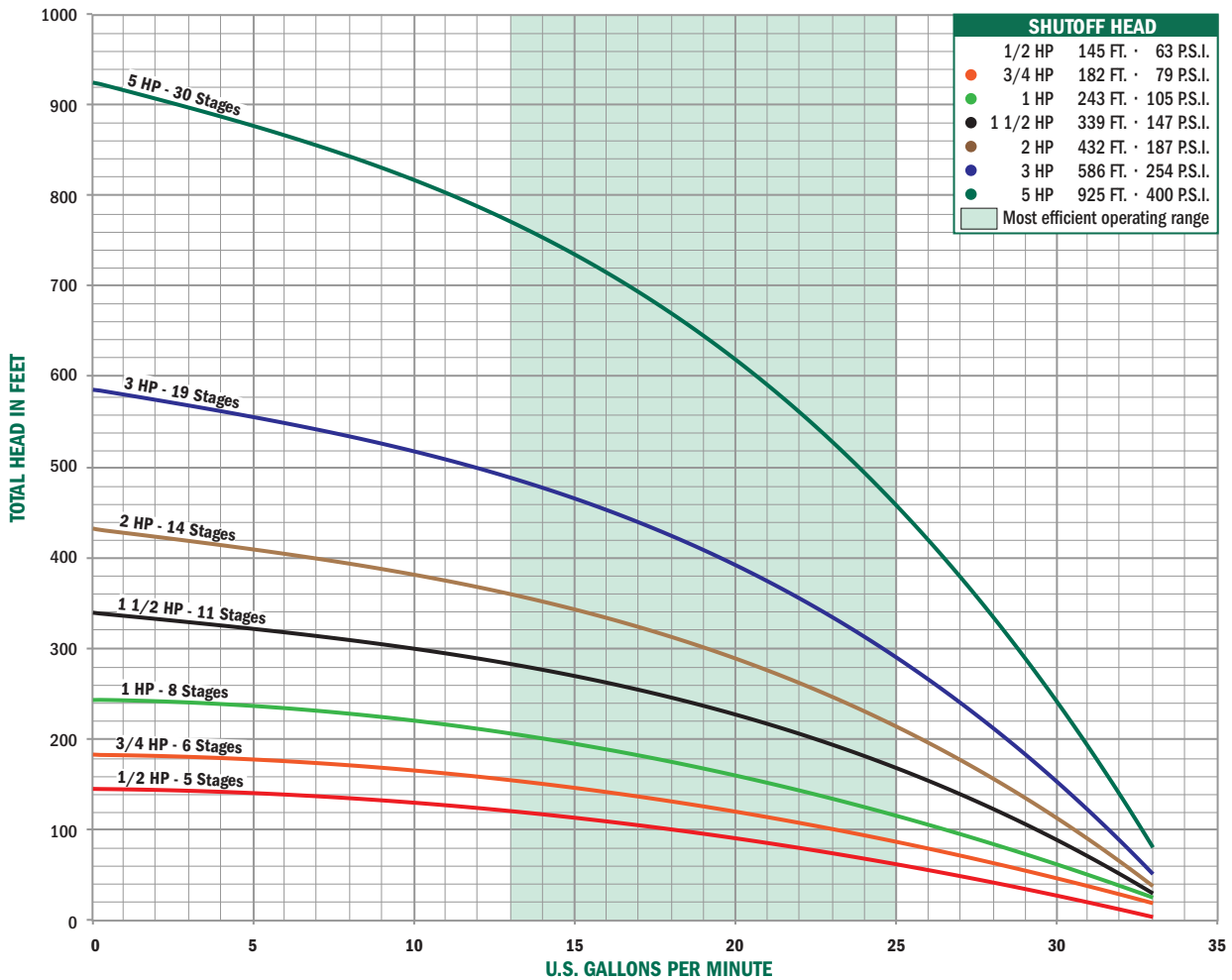


# SUBMITTAL DATA SHEET

24000 Series  
 4" No-Lead Stainless Steel Submersible Pumps  
**P - 20 GPM**



All Stainless Steel Submersible Pumps are designed to pump within the 20 gallons per minute (GPM) range. Sizes are available from 1/2 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.**  
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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 P - 20 GPM



### Two Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-346	24050P2A	1/2	5	115	10.1"	13.4"	24.0
6630-345	24050P2	1/2	5	230	10.1"	13.0"	24.0
6630-352	24075P2	3/4	6	230	11.0"	13.8"	27.2
6630-356	24100P2	1	8	230	12.7"	16.8"	30.9
6630-360	24150P2	1 1/2	11	230	15.2"	18.5"	39.0

### Three Wire Three Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-363	24150P3Z	1 1/2	11	230	15.2"	13.6"	32.0
6630-368	24200P3Z	2	14	230	17.8"	15.4"	37.1
6630-373	24300P3Z	3	19	230	22.0"	19.8"	45.8
6630-380	24500P3Z	5	30	230	32.6"	24.2"	72.0

### Three Wire\*\* Single Phase

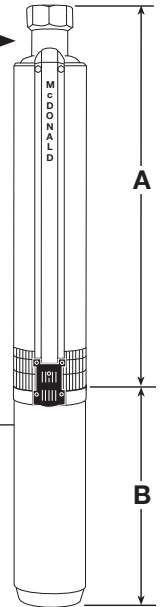
Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-348	24050P3A	1/2	5	115	10.1"	9.5"	25.0
6630-347	24050P3	1/2	5	230	10.1"	10.5"	25.0
6630-353	24075P3	3/4	6	230	11.0"	11.3"	27.2
6630-357	24100P3	1	8	230	12.7"	13.6"	30.9
6630-361	24150P3	1 1/2	11	230	15.2"	16.2"	36.0
6630-366	24200P3	2	14	230	17.8"	16.2"	42.1
6630-371	24300P3	3	19	230	22.0"	21.4"	51.8
6630-376	24500P3	5	30	230	32.6"	26.9"	87.0

### 4" Stainless Steel Pump Ends

Part No.	Model No.	HP	Wt.
6630-344	24050P	1/2	6
6630-351	24075P	3/4	7
6630-355	24100P	1	8
6630-359	24150P	1 1/2	9
6630-365	24200P	2	10
6630-370	24300P	3	12
6630-375	24500P	5	17

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)

HP	1/2 HP						3/4 HP												
	PSI	25'	50'	75'	100'	125'	PSI	25'	50'	75'	100'	125'	150'	175'					
1/2	0	30.3	26.8	22.8	18.0	11.6	0	32.3	29.6	26.5	23.1	19.1	14.1	6.2					
	30	19.2	13.3				30	23.9	20.1	15.4	8.6								
	50	4.8					50	16.2	9.9										
1	0	33.0	31.0	28.8	26.5	24.0	21.2	18.0	14.1	8.8									
	30	27.1	24.6	21.9	18.7	15.1	10.2												
	50	22.3	19.2	15.7	11.1														
	60	19.5	16.0	11.5															
1 1/2	0	33.2	32.0	30.7	29.4	27.9	26.3	24.5	22.5	20.2	17.5	14.2	9.9	4.1					
	30	29.7	28.2	26.6	24.9	23.0	20.7	18.2	15.0	11.0	5.6								
	50	26.9	25.2	23.3	21.1	18.6	15.5	11.7	6.5										
	60	25.3	23.4	21.3	18.8	15.8	12.0	7.0											
2	0	33.5	32.5	31.6	30.5	29.5	28.3	27.1	25.8	24.3	22.8	21.1	19.1	16.9	14.2	10.9	6.8		
	30	30.8	29.7	28.6	27.4	26.1	24.7	23.2	21.5	19.6	17.4	14.8	11.8	7.8					
	50	28.8	27.6	26.3	24.9	23.4	21.7	19.9	17.7	15.3	12.3	8.5							
	60	27.7	26.4	25.0	23.5	21.9	20.0	17.9	15.5	12.5	8.8								
3	0	33.0	31.6	30.1	28.4	26.6	24.6	22.3	19.5	16.2	11.9	5.8							
	30	31.0	29.5	27.8	25.9	23.7	21.3	18.3	14.7	9.8	2.8								
	50	29.6	27.9	26.0	23.9	21.5	18.6	15.0	10.2	3.4									
	60	28.8	27.1	25.1	22.8	20.2	17.0	13.0	7.4										
5	0	33.5	32.7	31.8	30.8	29.8	28.8	27.7	26.5	25.2	23.8	22.3	20.7	18.8	16.7	14.2	11.2	7.4	2.7
	30	32.3	31.4	30.4	29.4	28.4	27.2	26.0	24.7	23.3	21.7	20.0	18.0	15.8	13.1	9.8	5.7		
	50	31.5	30.5	29.5	28.4	27.3	26.1	24.8	23.4	21.8	20.1	18.2	16.0	13.3	10.1	6.0			
	60	31.0	30.1	29.0	27.9	26.8	25.5	24.2	22.7	21.1	19.3	17.2	14.8	11.9	8.4	3.8			

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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