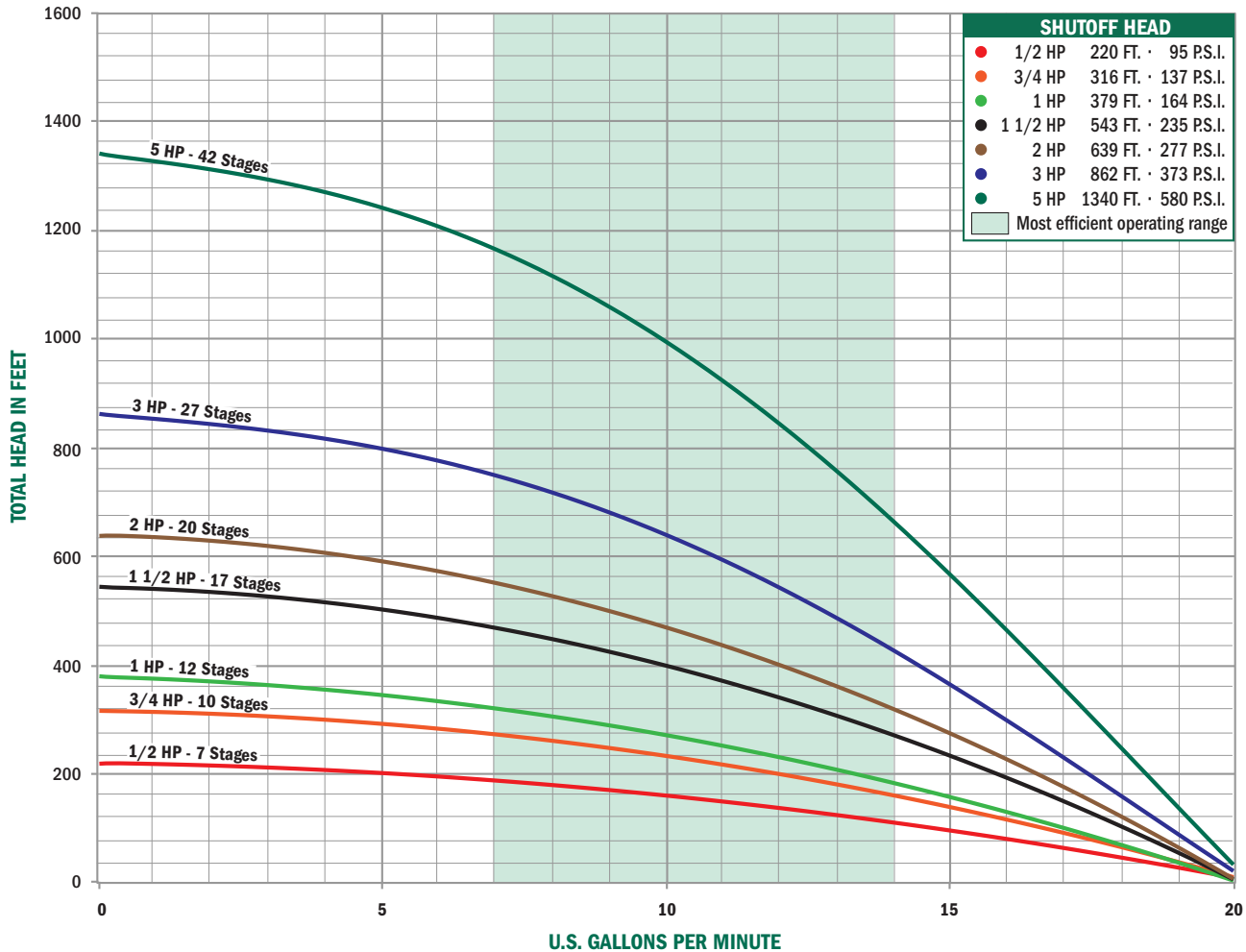


# SUBMITTAL DATA SHEET

24000 Series  
 4" No-Lead Stainless Steel Submersible Pumps  
**K - 10 GPM**



All Stainless Steel Submersible Pumps are designed to pump within the 10 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 K - 10 GPM



### Two Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-277	24050K2A	1/2	7	115	10.7"	13.4"	28
6630-276	24050K2	1/2	7	230	10.7"	13.0"	28
6630-283	24075K2	3/4	10	230	12.8"	13.8"	32
6630-287	24100K2	1	12	230	14.1"	16.8"	38
6630-291	24150K2	1 1/2	17	230	17.6"	18.5"	42

### Three Wire Three Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-294	24150K3Z	1 1/2	17	230	17.6"	13.6"	39
6630-299	24200K3Z	2	20	230	19.6"	15.4"	44
6630-304	24300K3Z	3	27	230	26.0"	19.8"	53
6630-308	24500K3Z	5	42	230	36.1"	24.2"	80

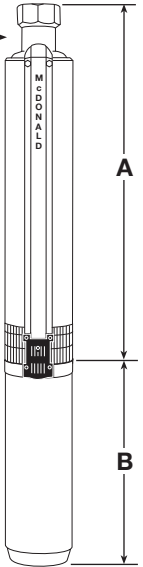
### Three Wire\*\* Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-279	24050K3A	1/2	7	115	10.7"	9.5"	28
6630-278	24050K3	1/2	7	230	10.7"	10.5"	28
6630-284	24075K3	3/4	10	230	12.8"	11.3"	31
6630-288	24100K3	1	12	230	14.1"	13.6"	35
6630-292	24150K3	1 1/2	17	230	17.6"	16.2"	41
6630-297	24200K3	2	20	230	19.6"	16.2"	47
6630-302	24300K3	3	27	230	26.0"	21.4"	57
6630-307	24500K3	5	42	230	36.1"	26.9"	93

### 4" Stainless Steel Pump Ends

Part No.	Model No.	HP	Wt.
6630-275	24050K	1/2	7
6630-282	24075K	3/4	8
6630-286	24100K	1	8
6630-290	24150K	1 1/2	10
6630-296	24200K	2	11
6630-301	24300K	3	15
6630-306	24500K	5	25

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)

1/2 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'
	0	19.2	17.8	16.3	14.7	12.9	10.9	8.5	5.2
	30	15.1	13.4	11.4	9.1	6.1			
	50	11.7	9.5	6.6					
	60	9.7	6.9						

3/4 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'
	0	19.5	18.6	17.6	16.7	15.6	14.5	13.3	12.0	10.5	8.8	6.8	3.9
	30	16.9	15.9	14.8	13.6	12.3	10.9	9.2	7.3	4.7			
	50	14.9	13.8	12.5	11.1	9.5	7.6	5.2					
	60	13.9	12.6	11.2	9.6	7.8	5.4						

1 HP	PSI	25'	50'	75'	100'	125'	150'	175'	200'	225'	250'	275'	300'	325'	350'	375'
	0	19.4	18.6	17.8	17.0	16.2	15.3	14.3	13.3	12.3	11.1	9.8	8.4	6.7	4.5	1.0
	30	17.2	16.4	15.5	14.6	13.6	12.5	11.4	10.1	8.7	7.1	5.1	2.1			
	50	15.6	14.7	13.7	12.7	11.5	10.3	8.9	7.3	5.4	2.7					
	60	14.8	13.8	12.8	11.6	10.4	9.0	7.5	5.6	3.0						

1 1/2 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'
	0	19.1	18.1	17.0	15.8	14.6	13.2	11.7	10.0	7.9	5.2
	30	17.7	16.6	15.4	14.1	12.6	11.1	9.2	7.0	3.7	
	50	16.6	15.5	14.2	12.8	11.2	9.4	7.2	4.0		
	60	16.1	14.9	13.5	12.1	10.4	8.4	5.9			

2 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'	1000'	1050'	1100'	1150'	1200'	1250'	1300'
	0	19.3	18.4	17.5	16.5	15.5	14.4	13.3	12.0	10.6	9.0	7.1	4.5														
	30	18.1	17.1	16.2	15.1	14.0	12.8	11.5	10.0	8.3	6.2	3.0															
	50	17.2	16.2	15.2	14.1	12.9	11.6	10.1	8.4	6.4	3.3																
	60	16.8	15.8	14.7	13.6	12.3	10.9	9.4	7.5	5.1																	

3 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'
	0	19.6	18.9	18.2	17.4	16.7	16.0	15.2	14.4	13.6	12.8	11.9	10.9	9.8	8.5	7.0	4.9	1.4
	30	18.6	17.9	17.2	16.4	15.7	14.9	14.1	13.3	12.4	11.5	10.5	9.3	8.0	6.3	3.8		
	50	17.9	17.2	16.5	15.8	15.0	14.2	13.4	12.5	11.6	10.5	9.4	8.1	6.4	4.1			
	60	17.6	16.9	16.2	15.4	14.6	13.8	13.0	12.1	11.2	10.0	8.8	7.4	5.5				

5 HP	PSI	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'	1000'	1050'	1100'	1150'	1200'	1250'	1300'
	0	19.8	19.4	18.9	18.5	18.0	17.5	17.1	16.6	16.1	15.7	15.2	14.7	14.2	13.6	13.1	12.5	11.9	11.3	10.6	9.9	9.2	8.3	7.3	6.2	4.7	2.7
	30	19.2	18.7	18.3	17.8	17.4	16.9	16.4	16.0	15.5	15.0	14.5	14.0	13.4	12.9	12.3	11.7	11.1	10.4	9.6	8.8	7.9	6.9	5.7	4.0	1.5	
	50	18.8	18.3	17.9	17.4	16.9	16.5	16.0	15.5	15.0	14.5	14.0	13.5	12.9	12.3	11.7	11.1	10.4	9.7	8.9	8.0	7.0	5.8	4.2			
	60	18.6	18.1	17.6	17.2	16.7	16.2	15.8	15.3	14.8	14.3	13.8	13.2	12.7	12.1	11.5	10.8	10.1	9.3	8.5	7.6	6.5	5.1	3.2			

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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