

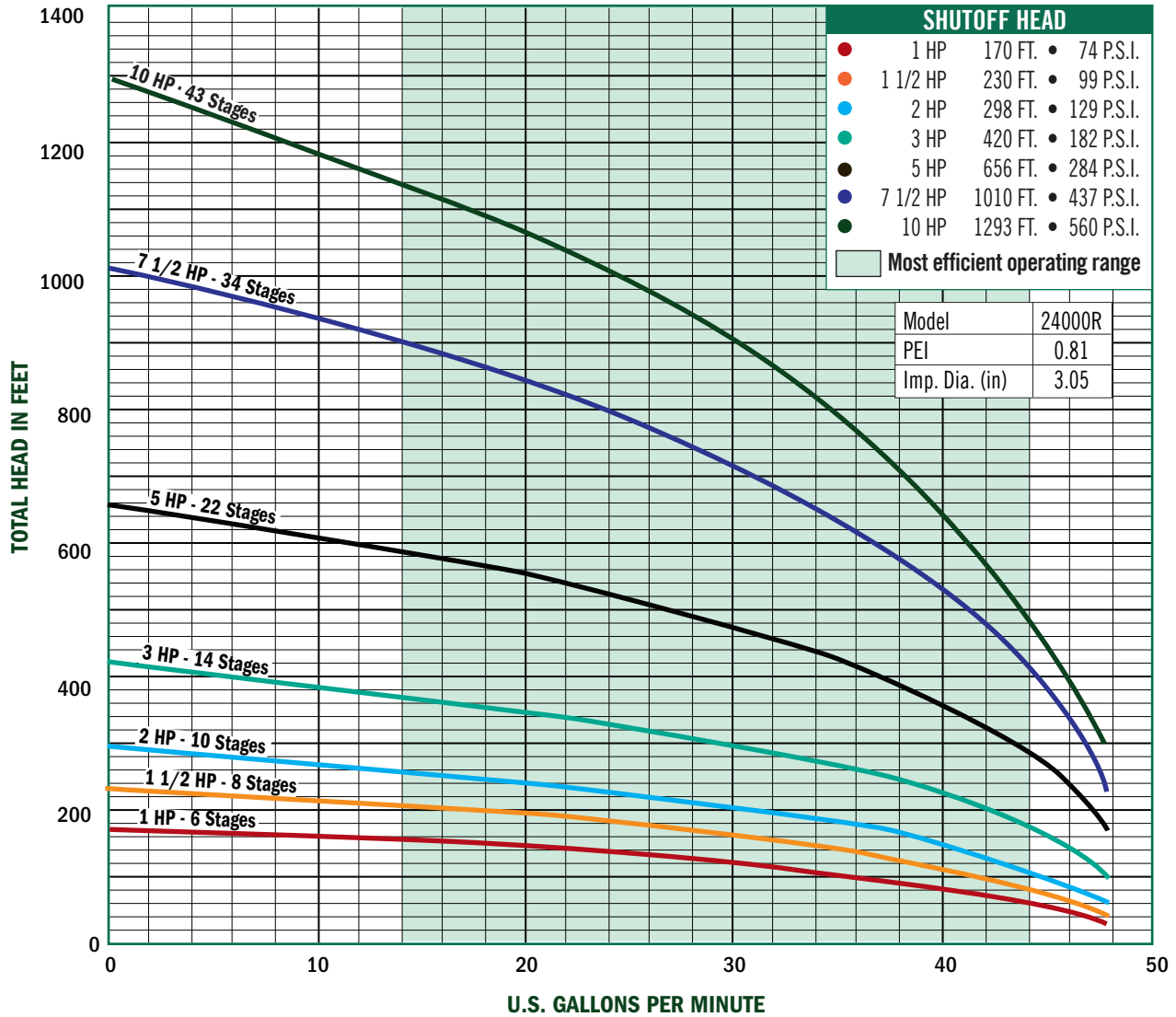
SUBMITTAL DATA SHEET

24000 Series High Flow
4" No-Lead Stainless Steel Submersible Pumps

R - 35 GPM



All Stainless Steel Submersible Pumps are designed to pump within the 35 gallons per minute (GPM) range. Sizes are available from 1 to 10 HP. All models are standard with 2" 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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Submitted by:

SUBMITTAL DATA SHEET

24000 Series High Flow 4" No-Lead Stainless Steel Submersible Pumps R - 35 GPM



Two Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-053	24100R2	1	6	230	14.1"	16.8"	38
6630-057	24150R2	1 1/2	8	230	16.6"	18.5"	40

Three Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-054	24100R3	1	6	230	14.1"	13.6"	38
6630-058	24150R3	1 1/2	8	230	16.6"	16.2"	48
6630-065	24200R3	2	10	230	19.0"	16.2"	52
6630-072	24300R3	3	14	230	23.9"	21.4"	75
6630-079	24500R3	5	22	230	35.2"	26.9"	103

Three Wire Three Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-062	24150R3Z	1 1/2	8	230	16.6"	13.6"	42
6630-060	24150R3Y	1 1/2	8	460	16.6"	13.6"	37
6630-069	24200R3Z	2	10	230	19.0"	15.4"	62
6630-067	24200R3Y	2	10	460	19.0"	15.4"	48
6630-076	24300R3Z	3	14	230	23.9"	19.8"	60
6630-074	24300R3Y	3	14	460	23.9"	19.8"	54
6630-083	24500R3Z	5	22	230	35.2"	24.2"	79
6630-081	24500R3Y	5	22	460	35.2"	24.2"	74
6630-088	24750R3Z	7 1/2	34	230	49.5"	26.9"	98
6630-086	24750R3Y	7 1/2	34	460	49.5"	26.9"	97
6630-091	241000R3Y	10	43	460	51.9"	30.1"	159

4" Stainless Steel Pump Ends

Part No.	Model No.	HP	Wt.
6630-052	24100R	1	8
6630-056	24150R	1 1/2	9
6630-064	24200R	2	11
6630-071	24300R	3	13
6630-078	24500R	5	18
6630-085	24750R	7 1/2	26
6630-090	241000R	10	31

Output - in Gallons Per Minute (Depth to Water)

HP	PSI	20'	40'	60'	80'	100'	120'	140'
	0			43	39	34	27.5	17.5
30		38	32	24	15	19		
50		24	14					

1 1/2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'
	0				44	42	38	34	30	24	16
30			40	37	28	25	22	10			
50		37	28	25	20	8					

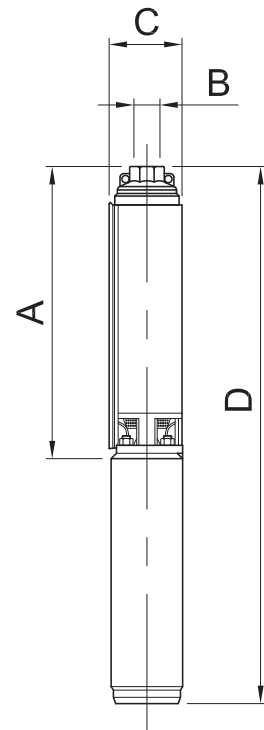
2 HP	PSI	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'
	0				44.3	42.3	41	39	35	30	24	18	12
30			42	41	39	35	30	21	16	9			
50		41	39	35	30	21	16	8					

3 HP	PSI	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'
	0						44.5	43.5	42	40	38	35.8	32.2	28	20	10
30				44	42.5	41	40	38	35	32	26	24	20	14		
50		42.5	41	40.5	39	36	34	31	27	22	18	13				

5 HP	PSI	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'
	0				45	43	40	36.5	32	26.8	20
30			44.5	42	39	32	30	24	16.8		
50		44.5	42.5	39.8	35.8	29	25				

7 1/2 HP	PSI	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'
	0					41	39	36.5	34	31	27	23.5	19	12
30				41	40	38	35	32.3	29	25	22	17	12	
50		43	42	40	37.8	5	31.3	29	26	21	16	12		

10 HP	PSI	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'	950'	1000'	1050'	1100'	1150'	1200'
	0					43	41	40	38	36	34	31.5	28.5	26	22.3	18.2	14.2
30			43.2	41.2	40.3	38.3	37	35	33	30	27.3	24	21	17	13		
50		43.5	42.2	40.5	39.5	37	35.8	33	31	28	25	21	18				



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

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

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