

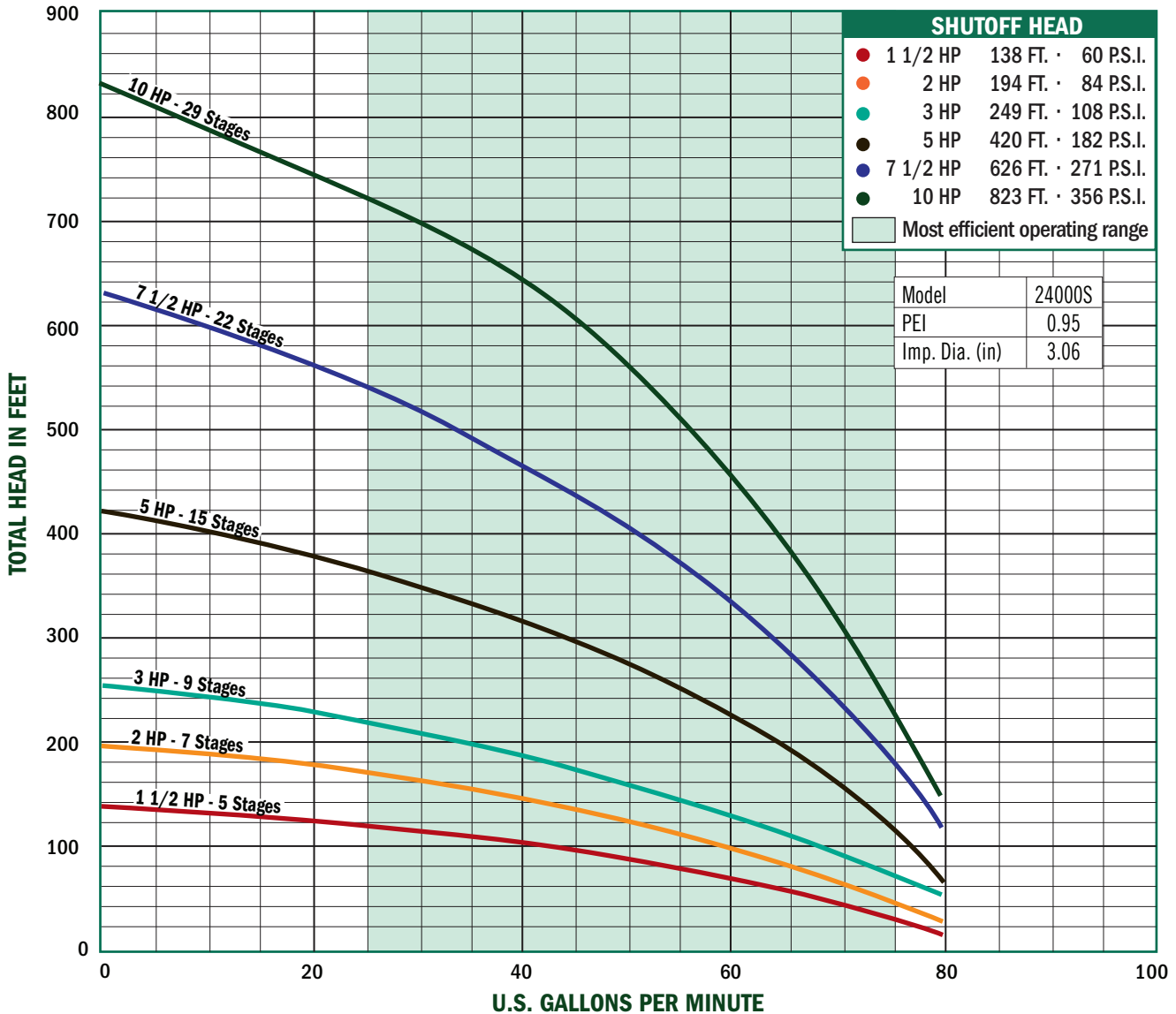
# SUBMITTAL DATA SHEET

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

## S - 55 GPM



All Stainless Steel Submersible Pumps are designed to pump within the 55 gallons per minute (GPM) range. Sizes are available from 1 1/2 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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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 High Flow 4" No-Lead Stainless Steel Submersible Pumps S - 55 GPM



### Two Wire Single Phase

Model No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-181	24150S2	1 1/2	5	230	17.0"	18.5"	40

### Three Wire Single Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-182	24150S3	1 1/2	5	230	17.0"	16.2"	44
6630-189	24200S3	2	7	230	21.1"	16.2"	48
6630-196	24300S3	3	9	230	25.2"	21.4"	60
6630-203	24500S3	5	15	230	37.5"	26.9"	95

### Three Wire Three Phase

Part No.	Model No.	HP	Stages	Volt	A	B	Wt.
6630-186	24150S3Z	1 1/2	5	230	17.0"	13.6"	38
6630-184	24150S3Y	1 1/2	5	460	17.0"	13.6"	38
6630-193	24200S3Z	2	7	230	21.1"	15.4"	44
6630-191	24200S3Y	2	7	460	21.1"	15.4"	44
6630-200	24300S3Z	3	9	230	25.2"	19.8"	51
6630-198	24300S3Y	3	9	460	25.2"	19.8"	51
6630-207	24500S3Z	5	15	230	37.5"	24.2"	74
6630-205	24500S3Y	5	15	460	37.5"	24.2"	73
6630-212	24750S3Z	7 1/2	22	230	53.0"	26.9"	97
6630-210	24750S3Y	7 1/2	22	460	53.0"	26.9"	95
6630-215	241000S3Y	10	29	460	67.2"	30.1"	106

### 4" Stainless Steel Pump Ends

Part No.	Model No.	HP	Wt.
6630-180	24150S	1 1/2	10
6630-188	24200S	2	12
6630-195	24300S	3	14
6630-202	24500S	5	20
6630-209	24750S	7 1/2	28
6630-214	241000S	10	35

\*\* 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 1/2 HP	PSI	20'	30'	40'	50'	60'	70'	80'	90'	100'	120'
	0			72.5	67.5	65	60	52.5	45	42.5	20
	30	47.5	42.5	32.5	20						

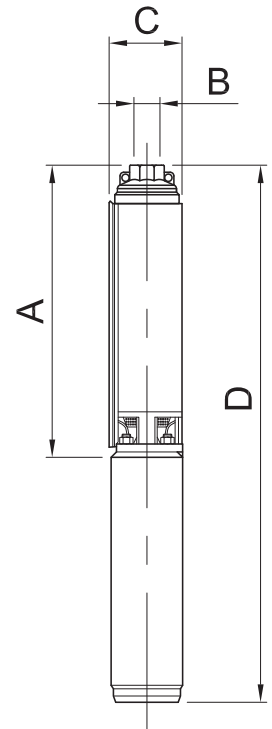
2 HP	PSI	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	120'	140'	160'	180'
	0				77.5	75	72.5	68	67	62.5	60	52	42.5	32	19
	30		62	60	55	52	47	43	37	32	25				

3 HP	PSI	20'	30'	40'	50'	60'	70'	80'	90'	100'	120'	140'	160'	180'	200'	240'
	0				79	76	73	70	68	62.5	57	50	42	34	24	
	30			66	62.5	60	57	53	50	46	38	24	17			

5 HP	PSI	40'	60'	80'	100'	120'	160'	180'	200'	220'	240'	260'	280'	300'	320'	340'	360'	380'
	0				77	75	70	67	65	61	58	53	49	44	38	33	26	18
	30		74	72	68	66	58	55	51	47	41	36	29	22				

7 1/2 HP	PSI	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'
	0					77	75	74	72	70	68	66	64	58	54	47.5	40	33	25
	30			74	72.5	71	69	67	65	63	60	57	55	47	42	35	27		

10 HP	PSI	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'	580'	620'	660'	700'	740'
	0					78	77	76	75	74	73	72	69	67	63	59	55	52	47	41	35	30	20
	30			77	76	75	74	72	71	70	67	66	62	60	57	53	47	43	37	31	23		



FRICITION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

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