

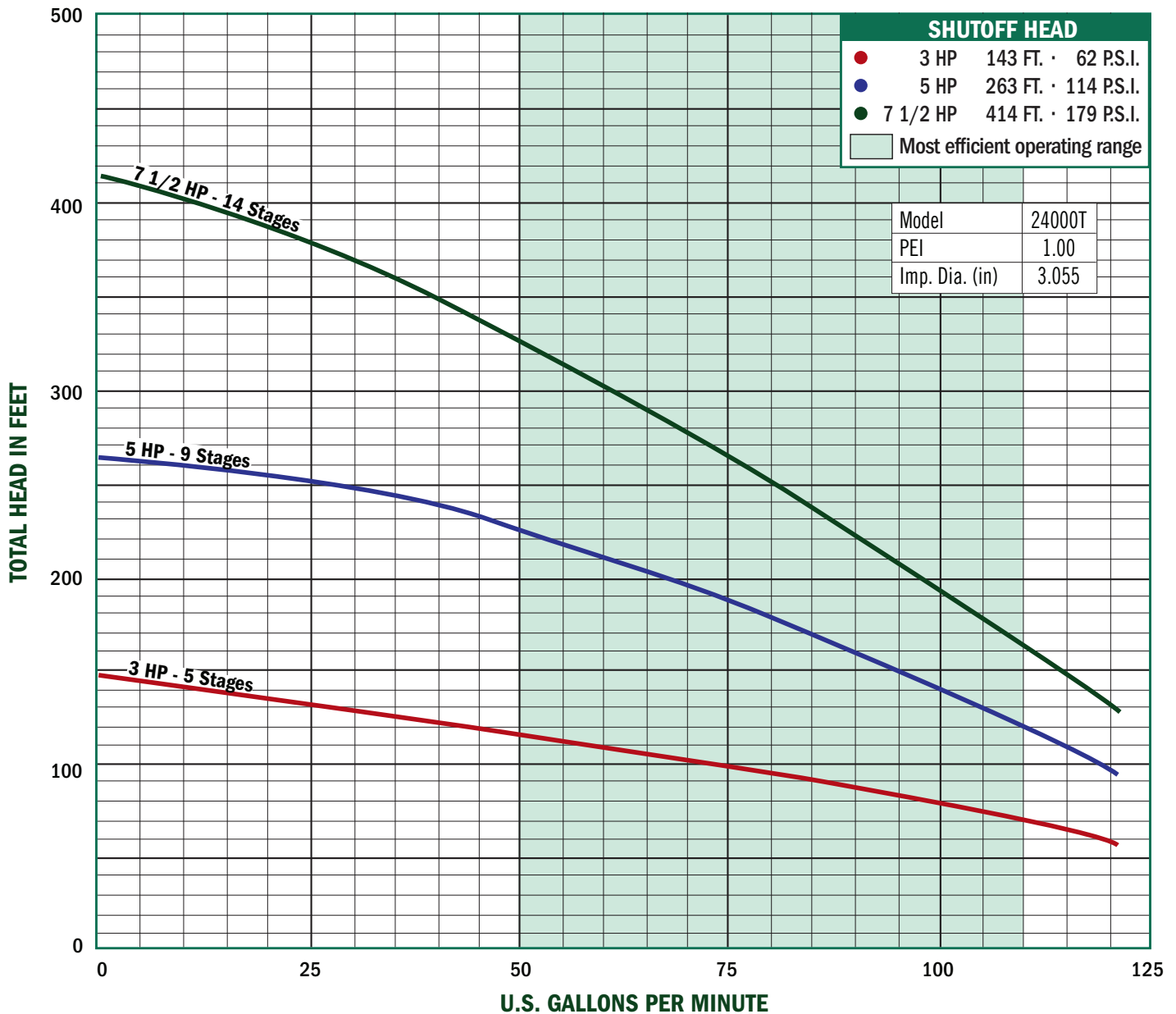
# SUBMITTAL DATA SHEET

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

## T - 80 GPM



All Stainless Steel Submersible Pumps are designed to pump within the 80 gallons per minute (GPM) range. Sizes are available from 3 to 7 1/2 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.**  
P.O. Box 508  
Dubuque, IA 52004-0508

**Toll Free:** 1-800-292-2737  
**Fax:** 1-800-832-9296  
**Hours:** 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com  
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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  
**T - 80 GPM**



### Three Wire Single Phase

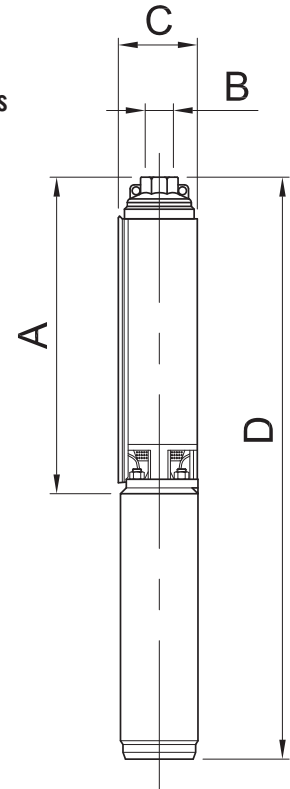
Model No.	HP	Stages	Volt	A	B	C	D	Wt.
24300T3	3	5	230	18.6"	2"	3.9"	38.1"	58
24500T3	5	9	230	29.3"	2"	3.9"	56.1"	92

### Three Wire Three Phase

Model No.	HP	Stages	Volt	A	B	C	D	Wt.
24300T3Z	3	5	230	18.6"	2"	3.9"	35.9"	49
24300T3Y	3	5	460	18.6"	2"	3.9"	35.9"	49
24500T3Z	5	9	230	29.3"	2"	3.9"	56.1"	71
24500T3Y	5	9	460	29.3"	2"	3.9"	56.1"	69
24750T3Z	7 1/2	14	230	42.6"	2"	3.9"	69.4"	93
24750T3Y	7 1/2	14	460	42.6"	2"	3.9"	69.4"	91

### 4" Stainless Steel Pump Ends

Model No.	HP	Wt.
24300T	3	10
24500T	5	16
24750T	7 1/2	22



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

3 HP	PSI	60'	70'	80'	90'	100'	120'
	0			100	85	73	43
	30	100	58				
	50						

5 HP	PSI	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
	0					95	83	72	59	45	27
	30			76	65	51	35	20			
	50	75	62	50	32	15					

7 1/2 HP	PSI	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	320'	340'	360'	380'
	0					96	90	83	75	68	60	52	43	34	25
	30			86	80	72.5	65	56	47	39	27				
	50	80	77	70	63	55	45	36	25						

FRICITION LOSSES IN RISER PIPE  
HAVE NOT BEEN CALCULATED

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