

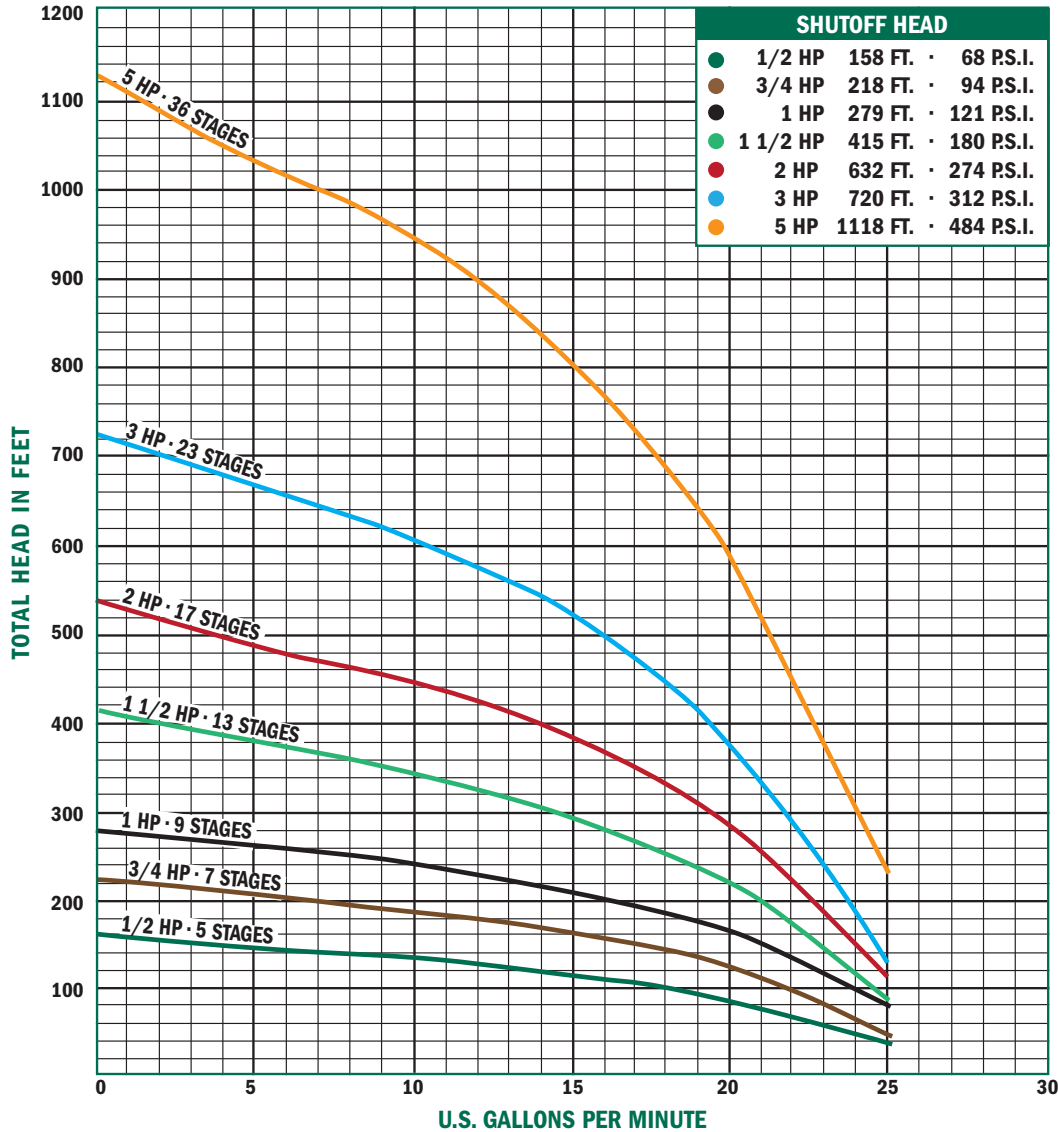
# SUBMITTAL DATA SHEET

26000 Series  
 4" No-Lead Stainless Steel Submersible Pumps  
**P - 18 GPM**



A.Y. McDonald offers a full line of submersible pump ends built for years of trouble free operation, with high-efficiency stainless steel impellers and diffusers. These submersibles offer peak capacity performance in 5, 10, 18, 25, 40, and 70 gallons per minute (GPM). Other features include stainless steel discharge head with a built-in check valve, stainless steel suction screen, and stainless steel shaft and coupling.

All Stainless Steel Pump Ends come with a 1 1/4" discharge and sizes range from 1/2 to 5 horsepower (HP).



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

## 26000 Series 4" No-Lead Stainless Steel Submersible Pumps P - 18 GPM



### Two Wire Single Phase

Model No.	HP	Stages	A	B	C	D	Pump Wt.	Motor Wt.	Total Wt.
26050P2	1/2	5	10.3	9.5	19.8	3.82	5.1	19	24.1
26050P2A	1/2	5	10.3	9.5	19.8	3.82	5.1	19	24.1
26075P2	3/4	7	11.7	10.6	22.3	3.82	6	21	27
26100P2	1	9	13.4	11.7	25.1	3.82	6.9	24	30.9
26150P2	1 1/2	13	16.9	13.6	30.5	3.82	8.6	28	36.6

### Three Wire\*\* Single Phase

Model No.	HP	Stages	A	B	C	D	Pump Wt.	Motor Wt.	Total Wt.
26050P3	1/2	5	10.3	9.5	19.8	3.82	5.1	19	24.1
26050P3A	1/2	5	10.3	9.5	19.8	3.82	5.1	19	24.1
26075P3	3/4	7	11.7	10.6	22.3	3.82	6	21	27
26100P3	1	9	13.4	11.7	25.1	3.82	6.9	24	30.9
26150P3	1 1/2	13	16.9	13.6	30.5	3.82	8.6	28	36.6
26200P3	2	17	20.2	15.1	35.3	3.82	10.4	30	40.4
26300P3	3	23	25.1	23.5	48.6	3.82	13	54	67
26500P3	5	36	35.9	29.5	65.4	3.82	18.7	65	83.7

### Pump Ends

Model No.	HP	Stages	A	C	D	Wt.
26050P	1/2	5	10.3	10.3	3.82	5.1
26075P	3/4	7	11.7	11.7	3.82	6
26100P	1	9	13.4	13.4	3.82	6.9
26150P	1 1/2	13	16.9	16.9	3.82	8.6
26200P	2	17	20.2	20.2	3.82	10.4
26300P	3	23	25.1	25.1	3.82	13
26500P	5	36	35.9	35.9	3.82	18.7

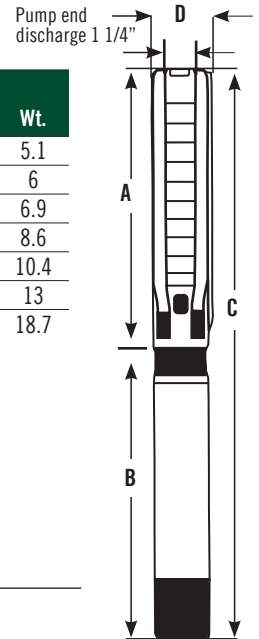


Fig. A

\*\* 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	20'	40'	60'	80'	100'	120'	140'
	0		24.0	22.1	20.0	17.0	13.0	7.0
	30	18.8	15.0	10.0	2.5			
	50	8.0	1.0					

3/4 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'
	0		25.4	23.6	22.7	21.2	19.3	17.1	14.5	10.5
	30	22.1	20.4	18.3	16.0	12.9	8.1			
	50	17.6	15.1	11.6	6.3					

1 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
	0			27.7	24.4	23.4	22.6	21.3	19.6	17.7	15.6	12.8	9.1
	30	23.8	23.1	22.1	20.6	18.8	16.8	14.4	11.2	7.0			
	50	21.7	20.0	18.2	16.1	13.5	10.0						

1 1/2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	
	0				27.7	24.9	23.7	23.2	22.8	22.3	21.5	20.5	19.4	18.3	17.1	15.8	14.2	9.8
	30	24.2	23.5	23.1	22.6	21.9	21.0	20.0	18.9	17.8	16.5	15.1	13.4	11.2	8.5			
	50	22.9	22.4	21.7	20.7	19.7	18.6	17.4	16.1	14.6	12.7	10.4	7.5					

FRICION LOSSES IN RISER PIPE  
HAVE NOT BEEN CALCULATED

2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'
	0					27.4	25.2	24.1	23.6	23.2	22.5	22.0	21.3	20.6	19.8	18.9	17.1	15.0	12.1	8.1
	30	26.2	24.6	23.8	23.4	23.1	22.7	22.3	21.7	21.0	20.2	19.4	18.5	17.6	16.7	15.6	13.0	9.3		
	50	23.6	23.3	23.0	22.6	22.1	21.5	20.7	19.9	19.1	18.2	17.3	16.4	15.3	14.0	12.5	8.6			

3 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'	580'	620'
	0					28.3	26.2	24.9	24.2	23.7	23.4	23.2	23.0	22.7	22.3	21.9	20.9	19.7	18.5	17.1	15.6	13.8	11.4	8.3
	30		27.2	25.6	24.5	23.9	23.6	23.3	23.1	22.8	22.5	22.2	21.7	21.2	20.6	20.0	18.8	17.5	16.0	14.3	12.1	9.2		
	50	25.2	24.3	23.8	23.5	23.2	23.0	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.2	18.6	17.3	15.8	14.0	11.7	8.7			

5 HP	PSI	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'	580'	620'	660'	700'	740'	780'	820'	860'	900'	940'	980'
	0							28.1	26.7	25.7	24.9	24.4	24.0	23.7	23.5	23.2	22.9	22.6	22.1	21.5	20.8	20.0	19.2	18.4	17.6	16.7	15.7	14.6	13.2	11.7	9.9	7.8
	30				27.4	26.2	25.3	24.6	24.2	23.9	23.6	23.4	23.3	23.2	23.0	22.7	22.2	21.6	21.0	20.2	19.4	18.6	17.8	16.9	16.0	14.9	13.6	12.1	10.4	8.4	6.1	
	50	28.4	27.0	25.9	25.1	24.5	24.1	23.8	23.6	23.4	23.3	23.1	23.0	22.8	22.6	22.1	21.5	20.8	20.1	19.3	18.5	17.6	16.8	15.8	14.7	13.4	11.9	10.1	8.0			

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