

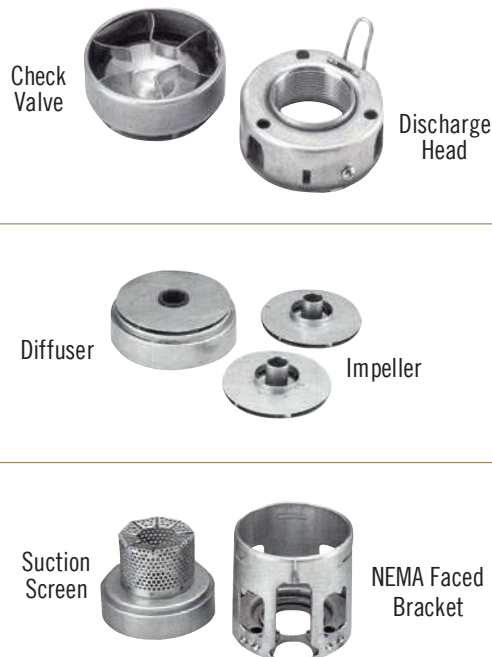
26000 Series 4" Stainless Steel Pump End

A.Y. McDonald offers a full line of submersible pump ends ranging from 1/2 horsepower through 10 horsepower. Our submersibles offer peak capacity performance in 5, 10, 18, 25, 40, and 70 gallons per minute (GPM).

- Stainless steel construction designed and built for years of trouble free operation
- Stainless steel discharge head with built-in check valve
- Max. ambient temperature (Liquid): 140°F (60°C)
- High quality shaft bearings
- Pumped Liquids: clean, non-corrosive and non-abrasive liquids
- Shaft is made of 431 stainless steel, all other metal parts are made of 304 stainless steel
- High-efficiency stainless steel impellers & diffusers
- Stainless Steel suction screen
- Specifications for mounting are according to NEMA standards
- Powered by A.Y. McDonald Motors



Submersible Pumps



How to Order 4" Stainless Steel Pump

Order by Model Number - Example: 26050K3ALB

26	050	K	3	A	LB
Series 4" Submersible Stainless Steel Pumps are Model 26	Horsepower 050 - 1/2 HP 075 - 3/4 HP 100 - 1 HP 150 - 1 1/2 HP 200 - 2 HP 300 - 3 HP 500 - 5 HP 750 - 7 1/2 HP 1000 - 10 HP	GPM J - 5 GPM K - 10 GPM P - 18 GPM M - 25 GPM G - 40 GPM H - 70 GPM	Wires Two wire or Three wire	Other Leave blank for 230V 60 HZ, Single Phase (Standard) A - 115V Single Phase <hr/> Other Options - Contact Factory Z - 230V Three Phase Y - 460V Three Phase	Controls Leave blank for Control (Standard) LB - Less box (Single Phase Option) LS - Less starter (Three Phase Option)

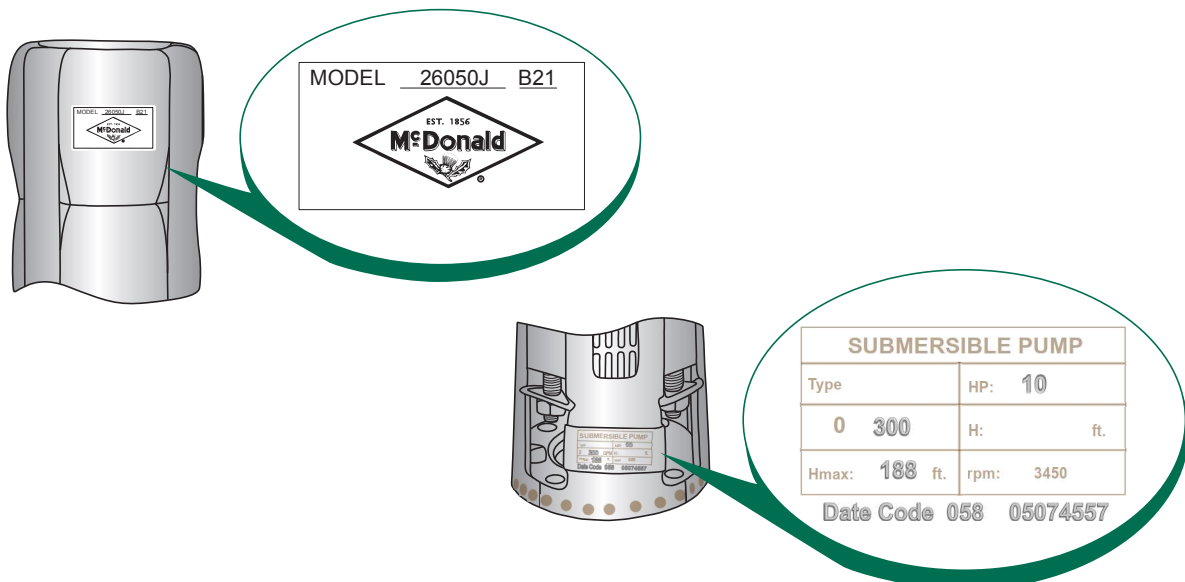
Submersible Pumps

Model 26050K3ALB is a 1/2 HP, three wire, 115 volt, single phase all stainless steel 4" submersible pump, less control box designed to pump in the 10 GPM range.

NOTES

- Standard is 230V, Single Phase, 60 HZ (no suffix letter required)
- Two-Wire Single phase models include; pump, motor, leads.
- Three-Wire Single phase models include; pump, motor, leads, and control box.
- Three-Wire Three phase models include; pump, motor, leads, and starter kit.
- All submersible pumps include **internal check valves and grounded lead on motor.**

How to Identify 26000 Series Pump Ends in the Field



J - 5 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 2 horsepower (HP).

Two Wire Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-040	26050J2A	1/2	13	16.8"	13.4"	8.4	18	26.4
6636-039	26050J2	1/2	13	16.8"	13.0"	8.4	18	26.4
6636-041	26075J2	3/4	18	21.0"	13.8"	10.6	21	31.6
6636-042	26100J2	1	22	24.3"	16.8"	12.1	24	36.1
6636-043	26150J2	1 1/2	26	27.5"	18.5"	13.7	31	44.7

Three Wire** Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-046	26050J3A	1/2	13	16.8"	9.5"	8.4	19	27.4
6636-044	26050J3	1/2	13	16.8"	10.5"	8.4	19	27.4
6636-048	26075J3	3/4	18	21.0"	11.3"	10.6	21	31.6
6636-050	26100J3	1	22	24.3"	13.6"	12.1	24	36.1
6636-052	26150J3	1 1/2	26	27.5"	16.2"	13.7	28	41.7
6636-054	26200J3	2	31	31.7"	16.2"	15.9	33	48.9

Pump Ends

Part No.	Model No.	HP	Stages	A	Wt.
6636-000	26050J	1/2	13	16.8"	8.4
6636-001	26075J	3/4	18	21.0"	10.6
6636-002	26100J	1	22	24.3"	12.1
6636-003	26150J	1 1/2	26	27.5"	13.7
6636-004	26200J	2	31	31.7"	15.9

Pump end discharge
1 1/4" FNPT

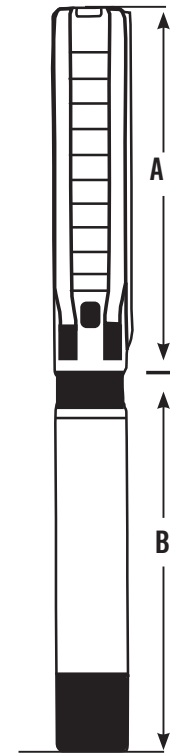


Fig. A

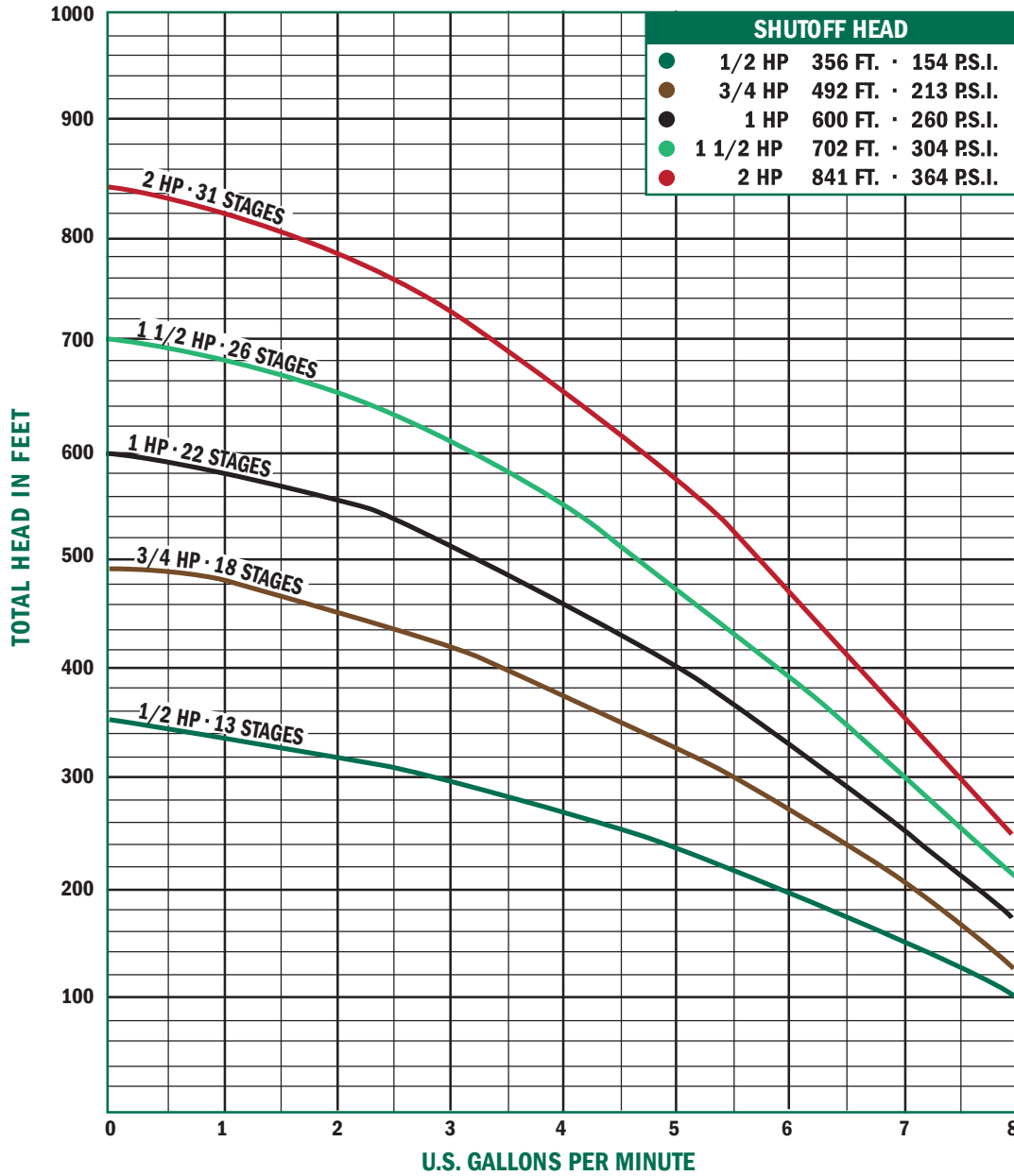
** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit (see pages 121-136).

Output - in Gallons Per Minute (Depth to Water)

HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'		
	1/2	0							7.4	6.9	6.5	6.0	5.5	5.1	4.6	4.1	3.4	
	30				7.2	6.7	6.2	5.8	5.3	4.9	4.4	3.8	3.1	2.0				
	50	7.5	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.6	2.8	1.5						
3/4	PSI	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'
	0						7.9	7.6	7.3	7.0	6.6	6.3	5.9	5.6	4.9	4.2	3.3	1.8
	30			7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.4	5.1	4.8	4.4	3.6	2.3		
	50	7.7	7.4	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.7	4.3	3.9	3.4	2.0			
1	PSI	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'	
	0						7.6	7.3	.1	6.8	6.5	6.0	5.4	4.9	4.3	3.6	2.6	
	30			7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.6	5.0	4.5	3.8	2.9	1.5		
	50	7.4	7.1	6.9	6.6	6.3	6.0	5.7	5.5	5.2	4.9	4.4	3.7	2.7	1.2			

FRICION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

J - 5 GPM



Submersible Pumps

1 1/2 HP	PSI	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'	580'	620'	660'
	0					7.8	7.6	7.4	7.2	6.7	6.2	5.7	5.3	4.8	4.4	3.8	3.0	1.
	30			7.5	7.3	7.1	6.8	6.6	6.3	5.9	5.4	5.0	4.5	4.0	3.3	2.3		
	50	7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.8	5.3	4.9	4.4	3.9	3.1	2.1			

2 HP	PSI	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'	580'	620'	660'	700'	740'	780'
	0					7.7	7.3	6.9	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.7	3.0	2.1	
	30			7.4	7.2	7.0	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.8	3.2	2.4	1.2		
	50	7.5	7.4	7.2	7.0	6.8	6.6	6.2	5.8	5.4	5.0	4.7	4.2	3.7	3.1	2.2			

FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

K - 10 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 3 horsepower (HP).

Two Wire Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-057	26050K2A	1/2	9	13.5"	13.4"	6.9	8.4	15.3
6636-056	26050K2	1/2	9	13.5"	13.0"	6.9	8.4	15.3
6636-058	26075K2	3/4	12	16.0"	13.8"	8	10.6	18.6
6636-059	26100K2	1	15	18.5"	16.8"	9.3	12.1	21.4
6636-060	26150K2	1 1/2	21	23.5"	18.5"	12.6	13.7	26.3

Three Wire** Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-063	26050K3A	1/2	9	13.5"	9.5"	6.9	19	25.9
6636-061	26050K3	1/2	9	13.5"	10.5"	6.9	19	25.9
6636-065	26075K3	3/4	12	16.0"	11.3"	8	21	29
6636-067	26100K3	1	15	18.5"	13.6"	9.3	24	33.3
6636-069	26150K3	1 1/2	21	23.5"	16.2"	12.6	28	40.6
6636-071	26200K3	2	27	28.4"	16.2"	15.9	30	45.9
6636-073	26300K3	3	34	34.2"	21.4"	19	54	73

Pump Ends

Part No.	Model No.	HP	Stages	A	Wt.
6636-005	26050K	1/2	9	13.5"	6.9
6636-006	26075K	3/4	12	16.0"	8
6636-007	26100K	1	15	18.5"	9.3
6636-008	26150K	1 1/2	21	23.5"	12.6
6636-009	26200K	2	27	28.4"	15
6636-010	26300K	3	34	34.2"	19

Pump end discharge
1 1/4" FNPT

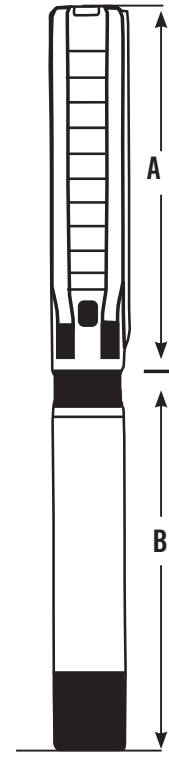


Fig. A

** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit (see pages 121-136).

Output - in Gallons Per Minute (Depth to Water)

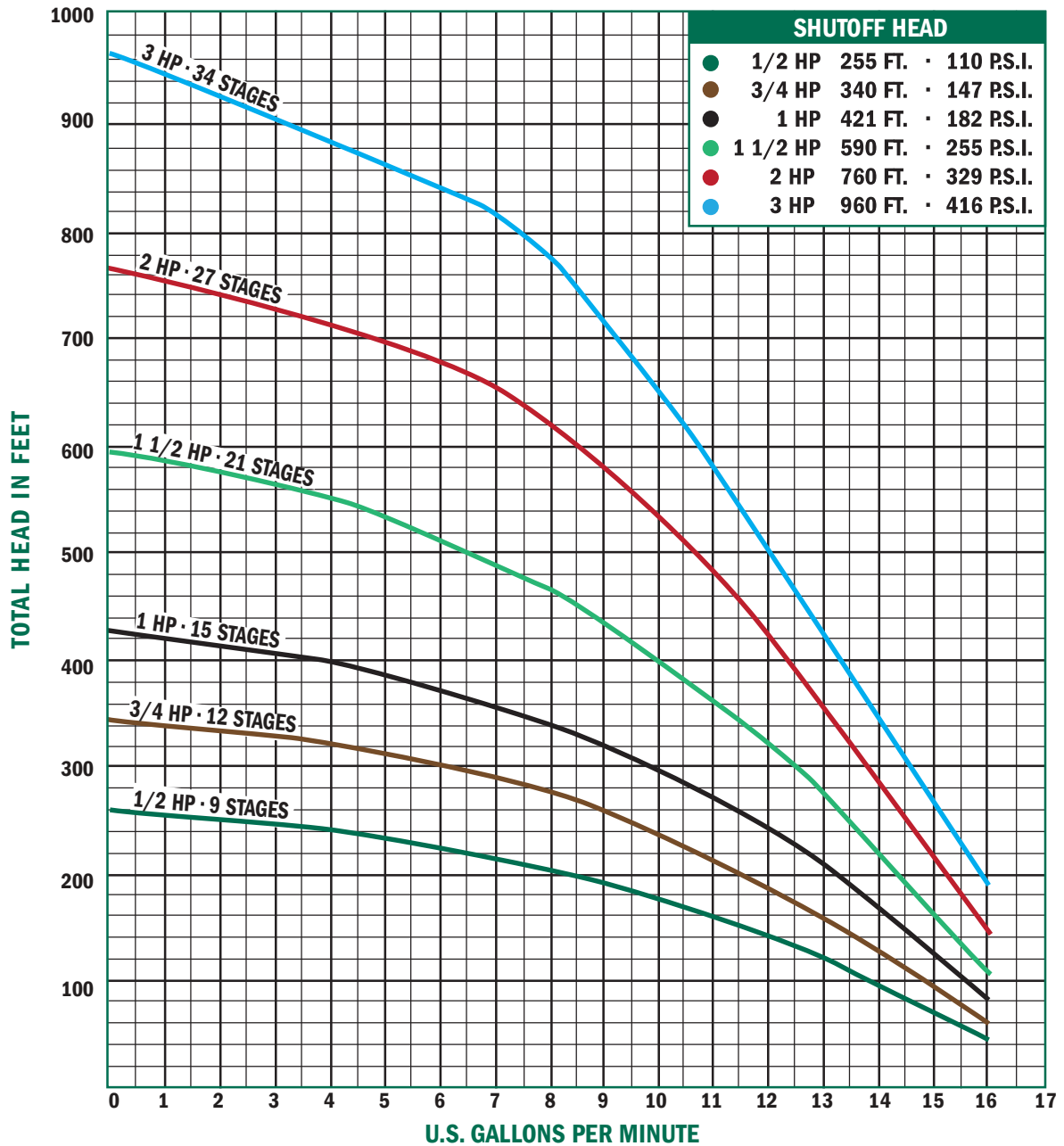
1/2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
	0		16.2	15.5	14.8	14.0	13.1	12.1	11.0	9.8	8.3	6.3	3.1
	30	14.4	13.6	12.6	11.6	10.4	9.1	7.5	5.0				
	50	12.3	11.2	10.1	8.7	6.8	4.0						

3/4 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'
	0			16.0	15.5	15.0	14.4	13.8	13.1	12.3	11.5	10.7	9.8	8.7	7.4	5.6
	30	15.3	14.7	14.1	13.4	12.7	12.0	11.1	10.3	9.3	8.1	6.6	4.6			
	50	13.9	13.2	12.5	11.7	10.9	10.0	9.0	7.7	6.0	3.8					

1 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	
	0				16.0	15.8	15.5	15.0	14.5	13.9	13.2	12.5	11.8	11.2	10.5	9.8	8.0		
	30	15.9	15.6	15.3	14.8	14.2	13.6	12.9	12.2	11.5	10.8	10.1	9.4	8.5	7.4	6.1			
	50	15.1	14.6	14.0	13.4	12.7	12.0	11.3	10.6	9.9	9.1	8.2	7.1	5.6	3.6				

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

K - 10 GPM



Submersible Pumps

1 1/2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'	540'
	0						15.8	15.5	15.2	14.9	14.6	14.2	13.9	13.5	13.1	12.6	11.8	10.8	9.8	8.5	6.9	4.6
30			16.0	15.7	15.4	15.1	14.8	14.4	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.1	10.1	8.9	7.4	5.3	2.3	
50	15.6	15.3	15.0	14.7	14.3	13.9	13.6	13.2	12.7													

2 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'	660'	700'
	0					16.4	16.2	16.0	15.8	15.5	15.3	15.1	14.8	14.6	14.3	14.0	13.4	12.7	12.1	11.3	10.6	9.8	8.8	7.7	6.3	
30				15.9	15.7	15.2	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.2	11.5	10.8	10.0	9.1	8.0	6.7	4.9	2.5			
50	16.0	15.8	15.6	15.4	15.1	14.9	14.6	14.3	14.1	13.8	13.4	13.1	12.8	12.5	12.1	11.4	10.7	9.9	9.0	7.8	6.4	4.6	2.1			

3 HP	PSI	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'
	0							15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.4	14.0	13.5	13.0	12.4	11.9	11.3	10.7	10.1	9.4	8.6	7.7	6.6	5.2	3.5
30			16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.6	13.1	12.6	12.0	11.5	10.9	10.3	9.6	8.9	8.0	6.9	5.6	4.0			
50	16.0	15.8	15.6	15.5	15.3	15.1	14.9	14.7	14.5	14.2	14.0	13.8	13.5	13.0	12.5	12.0	11.4	10.8	10.2	9.5	8.7	7.8	6.7	5.4	3.7				

FRICION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

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).

Two Wire Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-076	26050P2A	1/2	5	10.3"	13.4"	5.1	19	24.1
6636-075	26050P2	1/2	5	10.3"	13.0"	5.1	19	24.1
6636-077	26075P2	3/4	7	11.7"	13.8"	6	21	27
6636-078	26100P2	1	9	13.4"	16.8"	6.9	24	30.9
6636-079	26150P2	1 1/2	13	16.9"	18.5"	8.6	28	36.6

Three Wire** Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-082	26050P3A	1/2	5	10.3"	9.5"	5.1	19	24.1
6636-080	26050P3	1/2	5	10.3"	10.5"	5.1	19	24.1
6636-084	26075P3	3/4	7	11.7"	11.3"	6	21	27
6636-086	26100P3	1	9	13.4"	13.6"	6.9	24	30.9
6636-088	26150P3	1 1/2	13	16.9"	16.2"	8.6	28	36.6
6636-090	26200P3	2	17	20.2"	16.2"	10.4	30	40.4
6636-092	26300P3	3	23	25.1"	21.4"	13	54	67
6636-094	26500P3	5	36	35.9"	26.9"	18.7	65	83.7

Pump Ends

Part No.	Model No.	HP	Stages	A	Wt.
6636-011	26050P	1/2	5	10.3"	5.1
6636-012	26075P	3/4	7	11.7"	6
6636-013	26100P	1	9	13.4"	6.9
6636-014	26150P	1 1/2	13	16.9"	8.6
6636-015	26200P	2	17	20.2"	10.4
6636-016	26300P	3	23	25.1"	13
6636-017	26500P	5	36	35.9"	18.7

Pump end discharge
1 1/4" FNPT

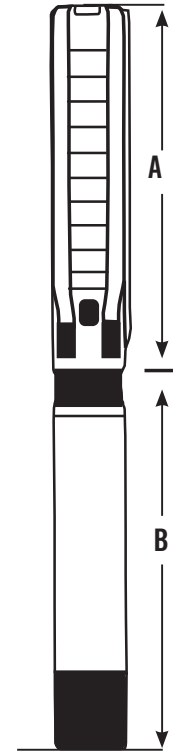


Fig. A

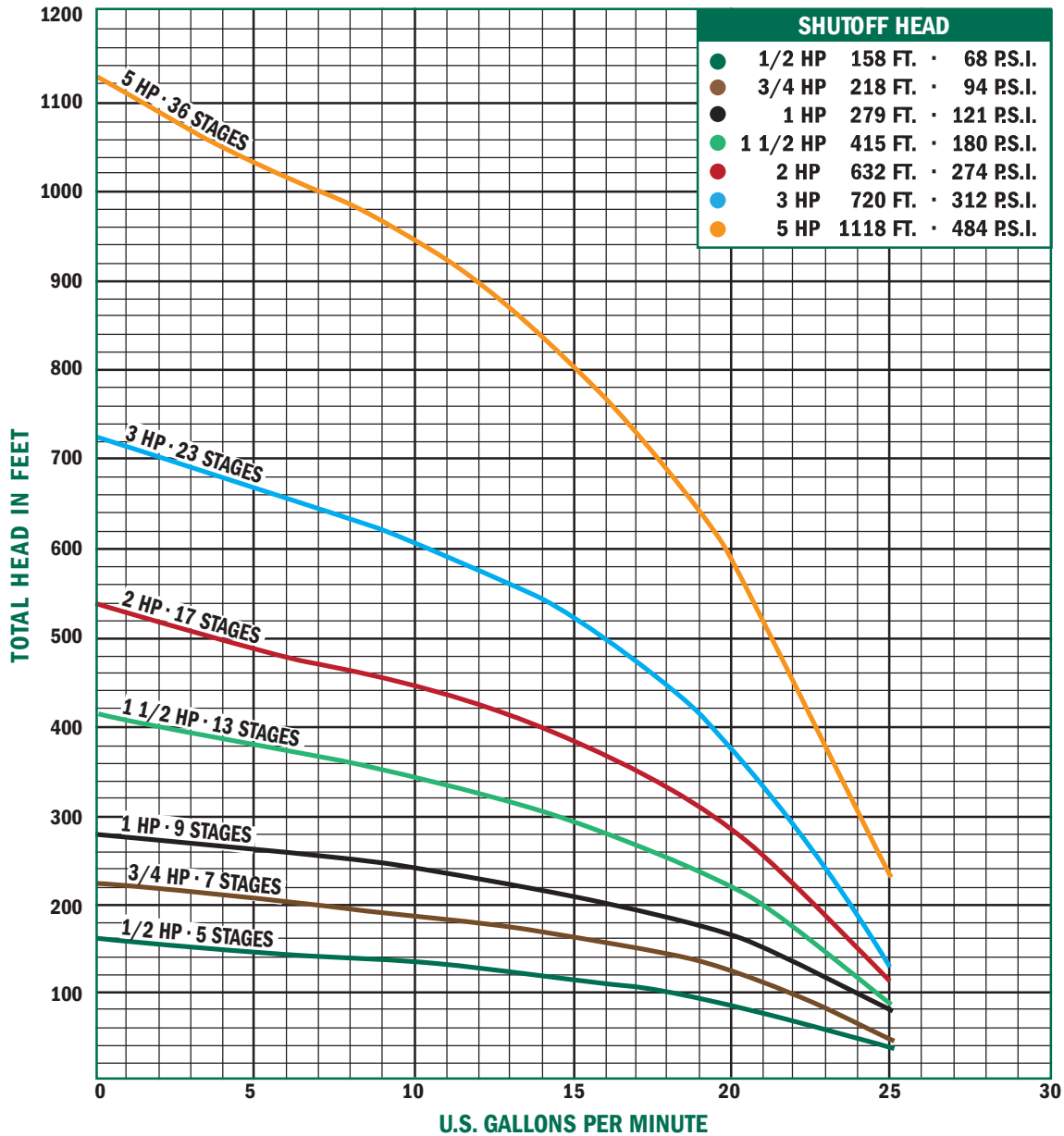
** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit (see pages 121-136).

Output - in Gallons Per Minute (Depth to Water)

HP	PSI	Depth to Water (ft)							PSI	PSI	Depth to Water (ft)								
		20'	40'	60'	80'	100'	120'	140'			160'	180'	200'	220'	240'	260'	280'	300'	340'
1/2	0		24.0	22.1	20.0	17.0	13.0	7.0	3/4	0		25.4	23.6	22.7	21.2	19.3	17.1	14.5	10.
	30	18.8	15.0	10.0	2.5					30	22.1	20.4	18.3	16.0	12.9	8.1			
	50	8.0	1.0							50	17.6	15.1	11.6	6.3					
1	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	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			
	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						

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

P - 18 GPM



Submersible Pumps

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	22.9	22.5	22.0	21.3	20.6	19.8	18.9	17.1	15.0	12.1	8
	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			

FRICITION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

M - 25 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 1/2" discharge and sizes range from 1/2 to 7 1/2 horsepower (HP).

Two Wire Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-097	26050M2A	1/2	4	9.4"	13.4"	5.1	19	24.1
6636-096	26050M2	1/2	4	9.4"	13.0"	5.1	19	24.1
6636-098	26075M2	3/4	5	10.3"	13.8"	5.3	21	26.3
6636-099	26100M2	1	7	11.9"	16.8"	5.9	24	29.9
6636-100	26150M2	1 1/2	9	13.5"	18.5"	6.8	28	34.8

Three Wire** Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-103	26050M3A	1/2	4	9.4"	9.5"	5.1	19	24.1
6636-101	26050M3	1/2	4	9.4"	10.5"	5.1	19	24.1
6636-105	26075M3	3/4	5	10.3"	11.3"	5.3	21	26.3
6636-107	26100M3	1	7	11.9"	13.6"	5.9	24	29.9
6636-109	26150M3	1 1/2	9	13.5"	16.2"	6.8	28	34.8
6636-111	26200M3	2	11	15.2"	16.2"	8.1	30	38.1
6636-113	26300M3	3	15	18.5"	21.4"	9.2	54	63.2
6636-115	26500M3	5	26	27.6"	26.9"	14.3	65	79.3

Pump Ends

Part No.	Model No.	HP	Stages	A	Wt.
6636-018	26050M	1/2	4	9.4"	5.1
6636-019	26075M	3/4	5	10.3"	5.3
6636-020	26100M	1	7	11.9"	5.9
6636-021	26150M	1 1/2	9	13.5"	6.8
6636-022	26200M	2	11	15.2"	8.1
6636-023	26300M	3	15	18.5"	9.2
6636-024	26500M	5	26	27.6"	14.3
6636-025	26750M	7 1/2	39	39.3"	20.3

Pump end discharge
1 1/2" FNPT

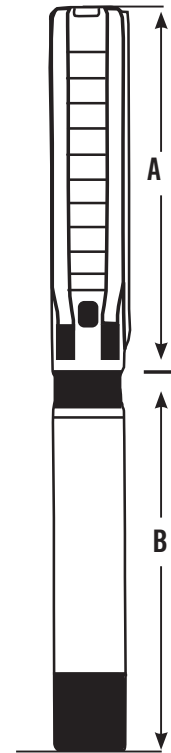


Fig. A

** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit (see pages 121-136).

Output - in Gallons Per Minute (Depth to Water)

1/2 HP	PSI	20'	40'	60'	80'	100'
0			37.1	32.6	25.8	17.5
30		22.4	9.7			
50						

3/4 HP	PSI	20'	40'	60'	80'	100'	120'	140'
0				35.9	32.6	25.0	19.7	7.8
30		28.4	22.6	14.8				
50		11.4						

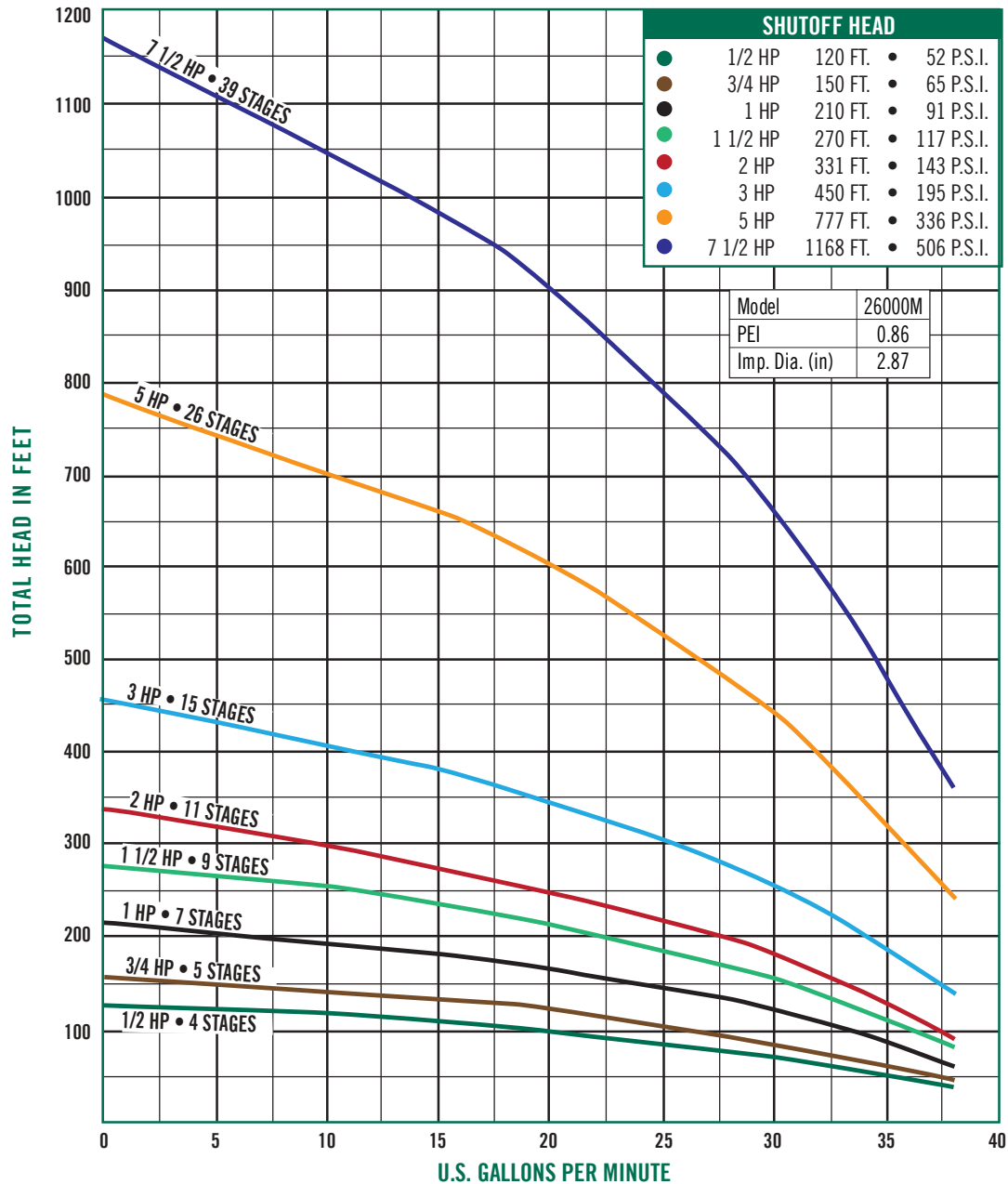
1 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'
0					33.4	29.8	26.0	20.8	13.	
30			31.8	28.1	23.8	17.6	8.9			
50		25.9	22.2	15.2						

1 1/2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
0								31.8	29.0	26.0	22.1	16.9	10
30				33.3	30.6	27.7	24.3	19.9	13.9				
50		32.5	29.7	26.7	23.1	18.3	11.8						

2 HP	PSI	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'
0								32.3	29.9	27.3	24.5	21.2	17.3	12.5
30				33.4	31.2	28.7	26.0	23.0	19.5	15.2	10.1			
50		32.8	30.5	27.9	25.1	22.0	18.2	13.7	8.4					

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

M - 25 GPM



Submersible Pumps

3 HP	PSI	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'
	0								32.9	31.3	29.6	27.9	26.0	21.2
30				33.8	32.2	30.5	28.8	27.0	25.0	22.7	19.9	16.5	8.0	
50	33.3	31.7	30.0	28.3	26.4	24.3	21.9	18.9	15.3	11.1				

5 HP	PSI	260'	280'	300'	340'	380'	420'	460'	500'	540'	580'	620'	660'	700'
	0						33.0	31.1	29.1	27.1	24.8	22.0	18.5	14.2
30				33.5	31.6	29.7	27.6	25.4	22.8	19.5	15.5	10.6	8.0	
50	33.2	32.3	31.3	29.4	27.3	25.0	22.3	18.9	14.8	9.8				

7 1/2 HP	PSI	460'	500'	540'	580'	620'	660'	700'	740'	780'	820'	860'	900'	940'	980'	1020'	1060'
	0				33.9	32.7	31.4	30.1	28.8	27.4	26.0	24.3	22.5	20.3	17.9	15.0	11.8
30			33.0	31.8	30.5	29.2	27.8	26.4	24.8	23.0	20.9	18.6	15.8	12.7	9.3		
50	32.8	31.6	30.3	29.0	27.6	26.1	24.5	22.7	20.6	18.1	15.3	12.2	8.8				

FRICITION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

G - 40 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 2" discharge and sizes range from 1 to 10 horsepower (HP).

Two Wire Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-119	26100G2	1	4	14.4"	16.8"	8.2	24	32.2
6636-120	26150G2	1 1/2	5	16.1"	18.5"	9.3	28	37.3

Three Wire** Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-121	26100G3	1	4	14.4"	13.6"	8.2	24	32.2
6636-123	26150G3	1 1/2	5	16.1"	16.2"	9.3	28	37.3
6636-125	26200G3	2	7	19.4"	16.2"	11.5	30	41.5
6636-127	26300G3	3	9	22.7"	21.4"	13.7	54	67.7
6636-129	26500G3	5	12	27.7"	26.9"	17	65	82

Pump Ends

Part No.	Model No.	HP	Stages	A	Wt.
6636-026	26100G	1	4	14.4"	8.2
6636-027	26150G	1 1/2	5	16.1"	9.3
6636-028	26200G	2	7	19.4"	11.5
6636-029	26300G	3	9	22.7"	13.7
6636-030	26500G	5	12	27.7"	17
6636-031	26750G	7 1/2	21	42.5"	26.7
6636-032	261000G	10	30	57.6"	37

Pump end discharge
2" FNPT

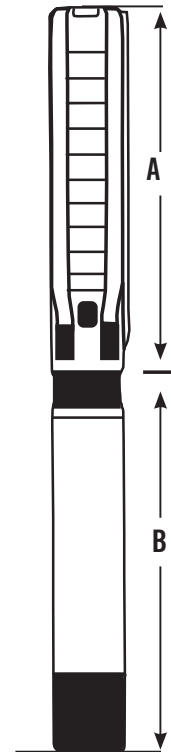


Fig. A

** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit (see pages 121-136).

Output - in Gallons Per Minute (Depth to Water)

1 HP	PSI	20'	40'	60'	80'	100'
	0		64.0	54.5	42.0	18.0
	30	32.0	6.0			
	50					

1 1/2 HP	PSI	20'	40'	60'	80'	100'	120'
	0			60.1	54.0	43.2	23.4
	30	50.0	35.0				
	50						

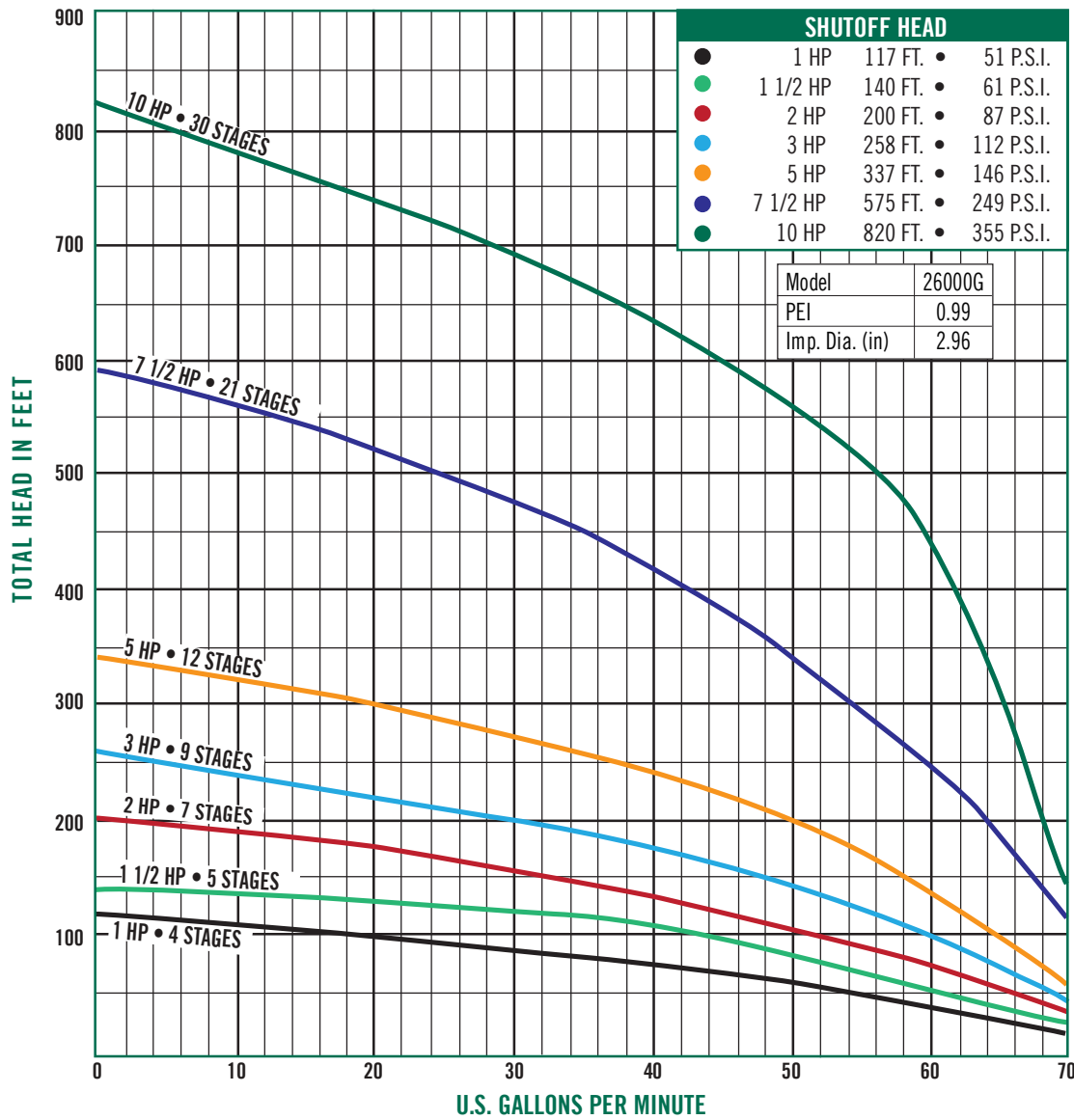
2 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'
	0				61.0	56.7	51.7	43.2	29.9
	30	58.9	54.7	48.3	37.6	22.3			
	50	45.5	33.2						

3 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'
	0				65.6	61.5	58.1	54.8	50.2	43.2	33.2	20.8
	30	63.6	59.8	56.6	52.9	47.3	38.9	27.7				
	50	55.6	51.4	45.0	35.7	23.7						

5 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'
	0					63.2	60.6	58.3	55.8	52.6	48.2	42.2	34.6	25.6	
	30		64.8	62.0	59.5	57.2	54.4	50.7	45.6	38.9	30.6	21.2			
	50	61.2	58.8	56.4	53.4	49.3	43.7	36.5	27.8						

FRICION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

G - 40 GPM



Submersible Pumps

7 1/2 HP	PSI	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'	460'	500'
	0								64.0	62.4	61.0	59.6	58.3	56.9	53.6	48.9	42.2	33.4
30				64.9	63.3	61.7	60.3	59.0	57.7	56.2	54.6	52.7	50.4	44.2	36.0	25.8		
50	64.4	62.8	61.3	59.9	58.6	57.2	55.8	54.0	52.0	49.5	46.6	43.1	34.5	24.2				

10 HP	PSI	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'
	0	69.5	68.3	66.8	65.3	63.9	62.0	59.5	56.0	51	45	37.5	28	17.3	5
30	67.8	66.3	64.6	63.0	61.1	58.4	54.3	49.0	42	34.5	24.3	13			
50	66.4	64.8	63.2	61.3	58.9	55.1	49.8	43.2	35.6	25.8	14.4				

FRICITION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

H - 70 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 2" discharge and sizes range from 2 to 10 horsepower (HP).

Submersible Pumps

Three Wire** Single Phase

Part No.	Model No.	HP	Stages	A	B	Pump Wt.	Motor Wt.	Total Wt.
6636-135	26200H3	2	3	14.9"	16.2"	8.2	30	38.2
6636-137	26300H3	3	5	20.0"	21.4"	10.4	54	64.4
6636-139	26500H3	5	8	27.7"	26.9"	13.7	65	78.7

Pump Ends

Part No.	Model No.	HP	Stages	A	Wt.
6636-033	26200H	2	3	14.9"	8.2
6636-034	26300H	3	5	20.0"	10.4
6636-035	26500H	5	8	27.7"	13.7
6636-036	26750H	7 1/2	12	37.9"	18
6636-037	261000H	10	16	53.0"	29

Pump end discharge
2" FNPT

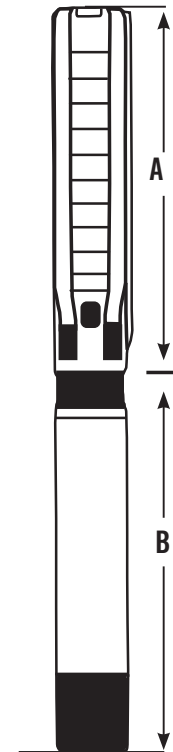


Fig. A

** All three wire pumps are available in three phase by selecting pump end and appropriate motor and starter kit (see pages 121-136).

Output - in Gallons Per Minute (Depth to Water)

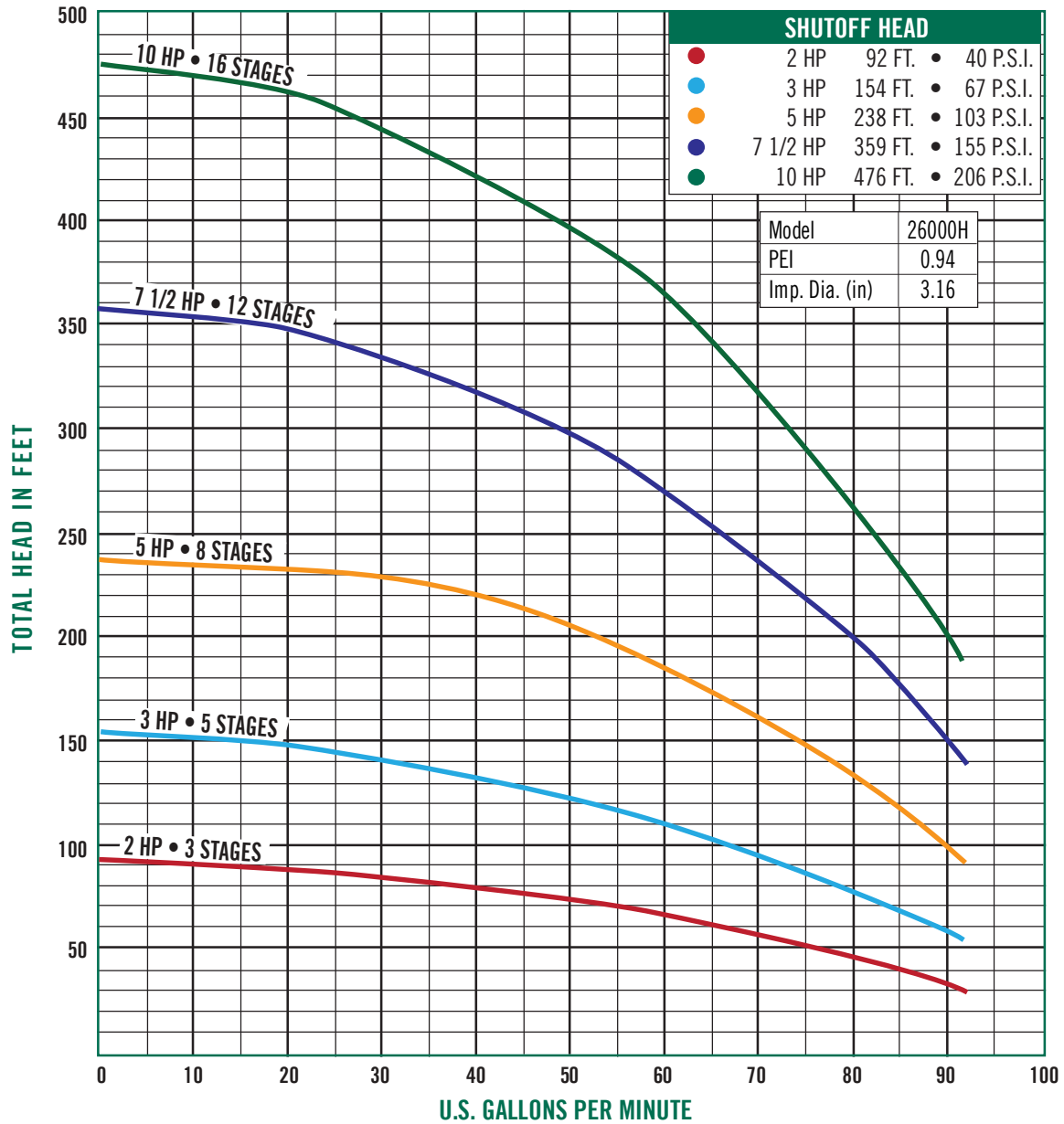
2 HP	PSI	20'	40'	60'	80'
	0		89.1	68.9	38.8
	30	60.8			
	50				

3 HP	PSI	20'	40'	60'	80'	100'	120'
	0			91.1	78.8	68.9	51.0
	30	74.1	61.8	42.1			
	50	37.1					

5 HP	PSI	20'	40'	60'	80'	100'	120'	140'	160'	180'	200'
	0					88.9	84.8	78.5	69.4	59.4	49.7
	30	91.0	87.2	82.3	74.6	64.7	54.9	44.4			
	50	80.2	71.6	61.6	51.9	39.8					

FRICITION LOSSES IN RISER PIPE
HAVE NOT BEEN CALCULATED

H - 70 GPM



Submersible Pumps

7 1/2 HP	PSI	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'
	0						90.2	87.7	84.8	81.0	75.7	69.4	62.7	56.1	49.7
30				89.0	86.4	83.2	78.7	72.9	66.3	59.6	53.2	46.3			
50	88.2	85.5	81.9	77.0	70.9	64.2	57.6	51.2	43.7						

10 HP	PSI	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'	260'	280'	300'	340'	380'	420'
	0							88.5	86.4	85.2	84.3	83.2	81.3	78.4	74.5	64.5	54.2	
30				90.1	87.4	85.7	84.7	83.8	82.4	80.1	76.7	72.4	67.4	62.1	56.9	47.0		
50	89.2	86.8	85.4	83.5	81.8	79.2	75.5	70.9	65.7	60.4	55.4	50.5	45.2					

FRICION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED