

Submersible Pumps

4" Series V Pumps

Features & Ordering Information

J-CLASS Series V

4" Submersible Series V

The standard J-Class Series Five submersible pump features unique hydraulics that improve efficiency and minimize wear even when pumping abrasives. Discharge and motor brackets are available in thermoplastic or stainless steel with a removable check valve system. Available in 5, 7, 10, 15, 20 and 25 gpm, 1/2 - 5 horsepower.

Features:

- 6 performance ranges: 5, 7, 10, 15, 20 and 25 gpm
- Horsepower ranges: 1/2 - 5
- Discharge head and motor bracket produced with industry proven, engineered materials. Available in 300 series stainless steel or high quality thermoplastic resins.
- Large wrench flat area on the discharge head for ease of installation
- Dry run designed top bearing positively supports the 300 series stainless steel 7/16" hex shaft
- Removable internal check valve
- Powered by Franklin Electric corrosion resistant super stainless 4" submersible motors with lightning protection
- Maximum water temperature with proper flow is 120 °F/49 °C. Consult factory for details.



NRTL/C
CSA 108
UL 778

Submersible Pumps

4" Series V Pumps Features & Ordering Information

Stainless Steel Ordering Information:

(See pgs. 2-3 for model number explanation)

GPM	HP	STG	VOLTS	2-WIRE		3-WIRE	
				MODEL NO.	ORDER NO.	MODEL NO.	ORDER NO.
5	1/2	8	115	5JV05S4-2W115	95220505	5JV05S4-3W115	95220530
	1/2	8	230	5JV05S4-2W230	95220510	5JV05S4-3W230	95220535
	3/4	12	230	5JV07S4-2W230	95220515	5JV07S4-3W230	95220540
	1	15	230	5JV1S4-2W230	95220520	5JV1S4-3W230	95220545
	1.5	21	230	5JV15S4-2W230	95220525	5JV15S4-3W230	95220550
7	1/2	7	115	7JV05S4-2W115	95220705	7JV05S4-3W115	95220730
	1/2	7	230	7JV05S4-2W230	95220710	7JV05S4-3W230	95220735
	3/4	10	230	7JV07S4-2W230	95220715	7JV07S4-3W230	95220740
	1	13	230	7JV1S4-2W230	95220720	7JV1S4-3W230	95220745
	1.5	18	230	7JV15S4-2W230	95220725	7JV15S4-3W230	95220750
10	1/2	6	115	10JV05S4-2W115	95221005	10JV05S4-3W115	95221030
	1/2	6	230	10JV05S4-2W230	95221010	10JV05S4-3W230	95221035
	3/4	8	230	10JV07S4-2W230	95221015	10JV07S4-3W230	95221040
	1	11	230	10JV1S4-2W230	95221020	10JV1S4-3W230	95221045
	1.5	15	230	10JV15S4-2W230	95221025	10JV15S4-3W230	95221050
15	1/2	4	115	15JV05S4-2W115	95221505	15JV05S4-3W115	95221530
	1/2	4	230	15JV05S4-2W230	95221510	15JV05S4-3W230	95221535
	3/4	6	230	15JV07S4-2W230	95221515	15JV07S4-3W230	95221540
	1	8	230	15JV1S4-2W230	95221520	15JV1S4-3W230	95221545
	1.5	11	230	15JV15S4-2W230	95221525	15JV15S4-3W230	95221550
20	3/4	5	230	20JV07S4-2W230	95222015	20JV07S4-3W230	95222040
	1	7	230	20JV1S4-2W230	95222020	20JV1S4-3W230	95222045
	1.5	10	230	20JV15S4-2W230	95222025	20JV15S4-3W230	95222050
25	1	6	230	25JV1S4-2W230	95222520	25JV1S4-3W230	95222545
	1.5	8	230	25JV15S4-2W230	95222525	25JV15S4-3W230	95222550

Note: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

Submersible Pumps

4" Series V Pumps

Features & Ordering Information

Plastic Ordering Information:

(See pgs. 2-3 for model number explanation)

GPM	HP	STG	VOLTS	2-WIRE		3-WIRE	
				MODEL NO.	ORDER NO.	MODEL NO.	ORDER NO.
5	1/2	8	115	5JV05P4-2W115	95200505	5JV05P4-3W115	95200530
	1/2	8	230	5JV05P4-2W230	95200510	5JV05P4-3W230	95200535
	3/4	12	230	5JV07P4-2W230	95200515	5JV07P4-3W230	95200540
	1	15	230	5JV1P4-2W230	95200520	5JV1P4-3W230	95200545
	1.5	21	230	5JV15P4-2W230	95200525	5JV15P4-3W230	95200550
7	1/2	7	115	7JV05P4-2W115	95200705	7JV05P4-3W115	95200730
	1/2	7	230	7JV05P4-2W230	95200710	7JV05P4-3W230	95200735
	3/4	10	230	7JV07P4-2W230	95200715	7JV07P4-3W230	95200740
	1	13	230	7JV1P4-2W230	95200720	7JV1P4-3W230	95200745
	1.5	18	230	7JV15P4-2W230	95200725	7JV15P4-3W230	95200750
10	1/2	6	115	10JV05P4-2W115	95201005	10JV05P4-3W115	95201030
	1/2	6	230	10JV05P4-2W230	95201010	10JV05P4-3W230	95201035
	3/4	8	230	10JV07P4-2W230	95201015	10JV07P4-3W230	95201040
	1	11	230	10JV1P4-2W230	95201020	10JV1P4-3W230	95201045
	1.5	15	230	10JV15P4-2W230	95201025	10JV15P4-3W230	95201050
15	1/2	4	115	15JV05P4-2W115	95201505	15JV05P4-3W115	95201530
	1/2	4	230	15JV05P4-2W230	95201510	15JV05P4-3W230	95201535
	3/4	6	230	15JV07P4-2W230	95201515	15JV07P4-3W230	95201540
	1	8	230	15JV1P4-2W230	95201520	15JV1P4-3W230	95201545
	1.5	11	230	15JV15P4-2W230	95201525	15JV15P4-3W230	95201550
20	3/4	5	230	20JV07P4-2W230	95202015	20JV07P4-3W230	95202040
	1	7	230	20JV1P4-2W230	95202020	20JV1P4-3W230	95202045
	1.5	10	230	20JV15P4-2W230	95202025	20JV15P4-3W230	95202050
25	1	6	230	25JV1P4-2W230	95202520	25JV1P4-3W230	95202545
	1.5	8	230	25JV15P4-2W230	95202525	25JV15P4-3W230	95202550

Note: All dimensions are in inches. Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

Submersible Pumps

4" Series V Pumps Features & Ordering Information

Pump End Assemblies Only Ordering Information: (See pgs. 2-3 for model number explanation)

PLASTIC				
GPM	HP	STG	MODEL NO.	ORDER NO.
5	1/2	8	5JV05P4-PE	95210500
	3/4	12	5JV07P4-PE	95210501
	1	15	5JV1P4-PE	95210502
	1.5	21	5JV15P4-PE	95210503
7	1/2	7	7JV05P4-PE	95210700
	3/4	10	7JV07P4-PE	95210701
	1	13	7JV1P4-PE	95210702
	1.5	18	7JV15P4-PE	95210703
10	1/2	6	10JV05P4-PE	95211000
	3/4	8	10JV07P4-PE	95211001
	1	11	10JV1P4-PE	95211002
	1.5	15	10JV15P4-PE	95211003
15	1/2	4	15JV05P4-PE	95211500
	3/4	6	15JV07P4-PE	95211501
	1	8	15JV1P4-PE	95211502
	1.5	11	15JV15P4-PE	95211503
20	3/4	5	20JV07P4-PE	95212001
	1	7	20JV1P4-PE	95212002
	1.5	10	20JV15P4-PE	95212003
25	1	6	25JV1P4-PE	95212501
	1.5	8	25JV15P4-PE	95212502

Note: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

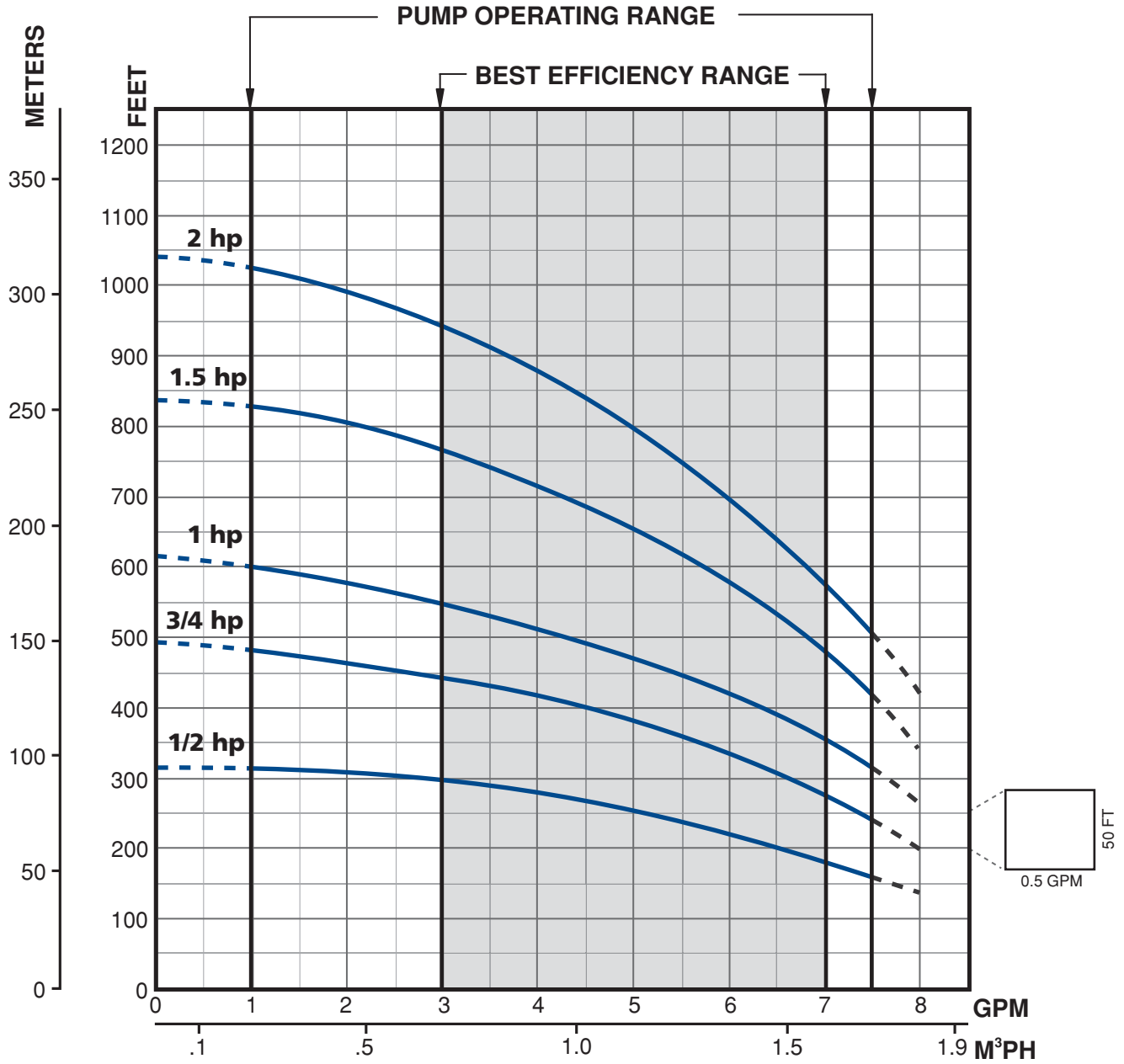
STAINLESS STEEL				
GPM	HP	STG	MODEL NO.	ORDER NO.
5	1/2	8	5JV05S4-PE	95230500
	3/4	12	5JV07S4-PE	95230501
	1	15	5JV1S4-PE	95230502
	1.5	21	5JV15S4-PE	95230503
	2	26	5JV2S4-PE	95230504
7	1/2	7	7JV05S4-PE	95230700
	3/4	10	7JV07S4-PE	95230701
	1	13	7JV1S4-PE	95230702
	1.5	18	7JV15S4-PE	95230703
	2	24	7JV2S4-PE	95230704
10	3	32	7JV3S4-PE	95230705
	1/2	6	10JV05S4-PE	95231000
	3/4	8	10JV07S4-PE	95231001
	1	11	10JV1S4-PE	95231002
	1.5	15	10JV15S4-PE	95231003
15	2	18	10JV2S4-PE	95231004
	3	24	10JV3S4-PE	95231005
	5	39	10JV5S4-PE	95231006
	1/2	4	15JV05S4-PE	95231500
	3/4	6	15JV07S4-PE	95231501
20	1	8	15JV1S4-PE	95231502
	1.5	11	15JV15S4-PE	95231503
	2	14	15JV2S4-PE	95231504
	3	19	15JV3S4-PE	95231505
	5	31	15JV5S4-PE	95231506
25	3/4	5	20JV07S4-PE	95232001
	1	7	20JV1S4-PE	95232002
	1.5	10	20JV15S4-PE	95232003
	2	12	20JV2S4-PE	95232004
	3	16	20JV3S4-PE	95232005
25	5	26	20JV5S4-PE	95232006
	1	6	25JV1S4-PE	95232501
	1.5	8	25JV15S4-PE	95232502
	2	10	25JV2S4-PE	95232503
	3	14	25JV3S4-PE	95232504
25	5	23	25JV5S4-PE	95232505

Note: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

Submersible Pumps

4" Series V Pumps

5 gpm Performance



Submersible Pumps

4" Series V Pumps 5 gpm Performance

Capacities in U.S. Gallons per Minute:

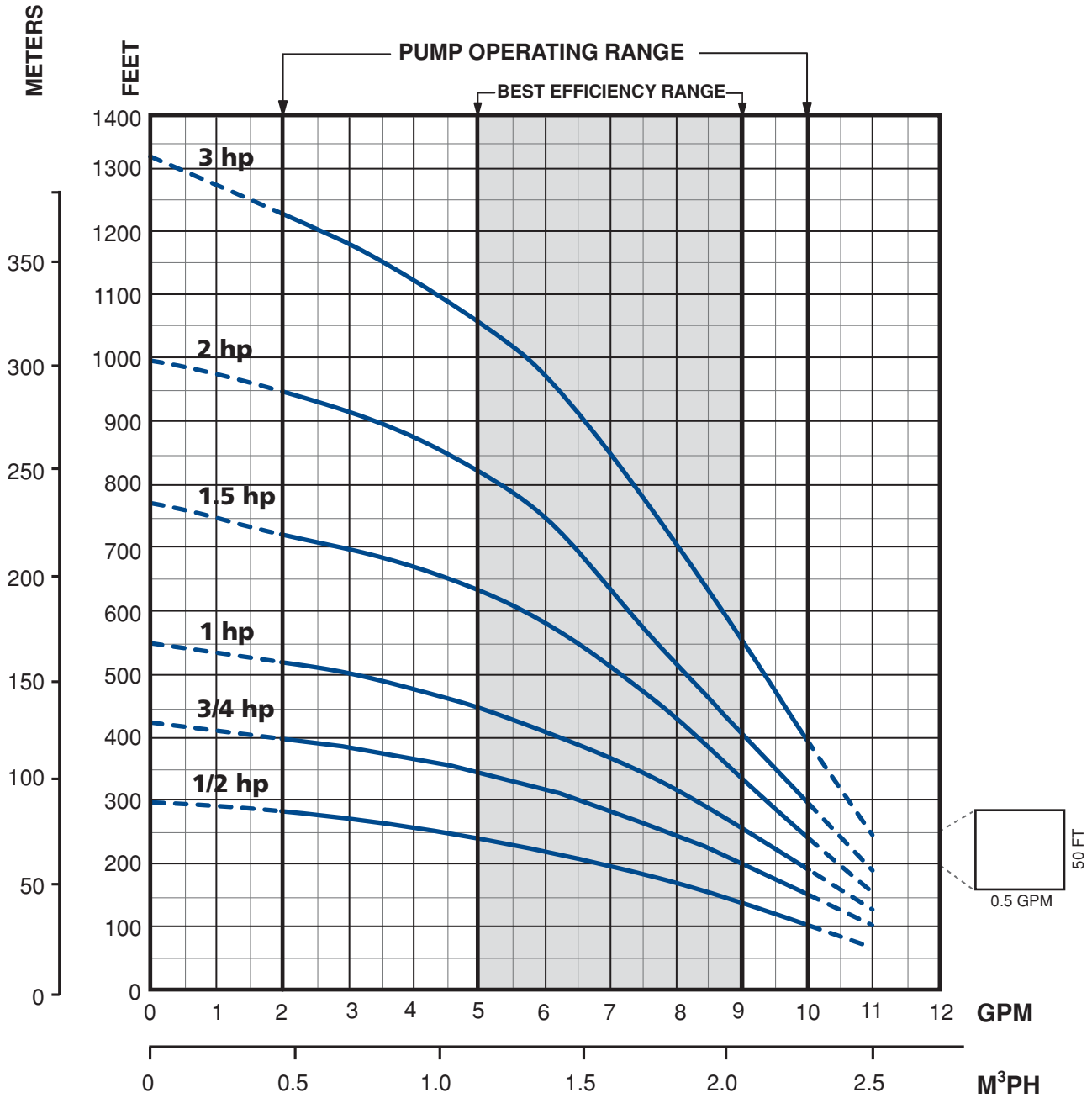
HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET.																									
		SHADED AREAS INDICATE MOST EFFICIENT PERFORMANCE																									
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000			
1/2	0							7	7	6	6	5	4													Shut-off 315 ft	
	20					8	7	6	6	5	5	3	2														
	30				7	7	6	6	5	5	4	2															
	40			7	7	6	6	5	5	4	3																
	50		7	6	6	6	5	5	4	2																	
	60	7	7	6	6	5	4	4	2																		
	80	6	6	5	4	3																					
Shut-off PSI		127	119	110	101	93	84	75	67	58	49	32	23														
3/4	0									7	7	7	6	5	4	3										Shut-off 495 ft	
	20								7	7	7	6	6	5	4	3											
	30								7	7	7	6	6	6	5	3											
	40							7	7	7	6	6	6	5	4	2											
	50						7	7	7	6	6	6	5	5	4												
	60				7	7	7	6	6	6	5	5	4	3													
	80		7	7	7	6	6	6	5	5	4	3	3														
Shut-off PSI		205	196	188	179	171	162	153	145	136	127	110	101	84	58	41	23										
1	0											8	7	6	6	5	4	4								Shut-off 615 ft	
	20											7	7	6	5	4	3										
	30											7	7	7	6	5	5	3	2								
	40											7	7	7	6	5	4	3									
	50											7	7	7	6	6	4	3									
	60											7	7	7	6	6	5	4									
	80											7	7	7	6	5	5	4									
Shut-off PSI		257	248	240	231	222	214	205	197	188	179	162	153	136	110	93	75	58	49								
1.5	0														7	7	7	6	5	4	2				Shut-off 835 ft		
	20														7	7	7	6	6	6	5	3					
	30														7	7	7	6	6	6	4	3					
	40														7	7	7	6	6	6	5	4	2				
	50														7	7	7	6	6	5	5	3					
	60														7	7	7	6	6	5	5	5	3				
	80														7	7	7	6	6	5	5	4	2				
Shut-off PSI		352	344	335	326	318	309	300	292	283	274	257	249	231	205	188	171	153	145	101	58	15					
2	0															7	7	7	6	5	4	3			Shut-off 1040 ft		
	20															7	7	7	6	5	4	2					
	30															7	7	7	6	6	5	3					
	40															7	7	7	6	6	6	5	3				
	50															7	7	7	6	6	5	4	3				
	60															7	7	7	6	6	6	5	4	3			
	80															7	7	7	6	6	6	5	3				
Shut-off PSI		441	432	424	415	406	398	389	381	372	363	346	337	320	294	277	259	242	233	190	147	104	60				

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Series V Pumps

7 gpm Performance



Submersible Pumps

4" Series V Pumps 7 gpm Performance

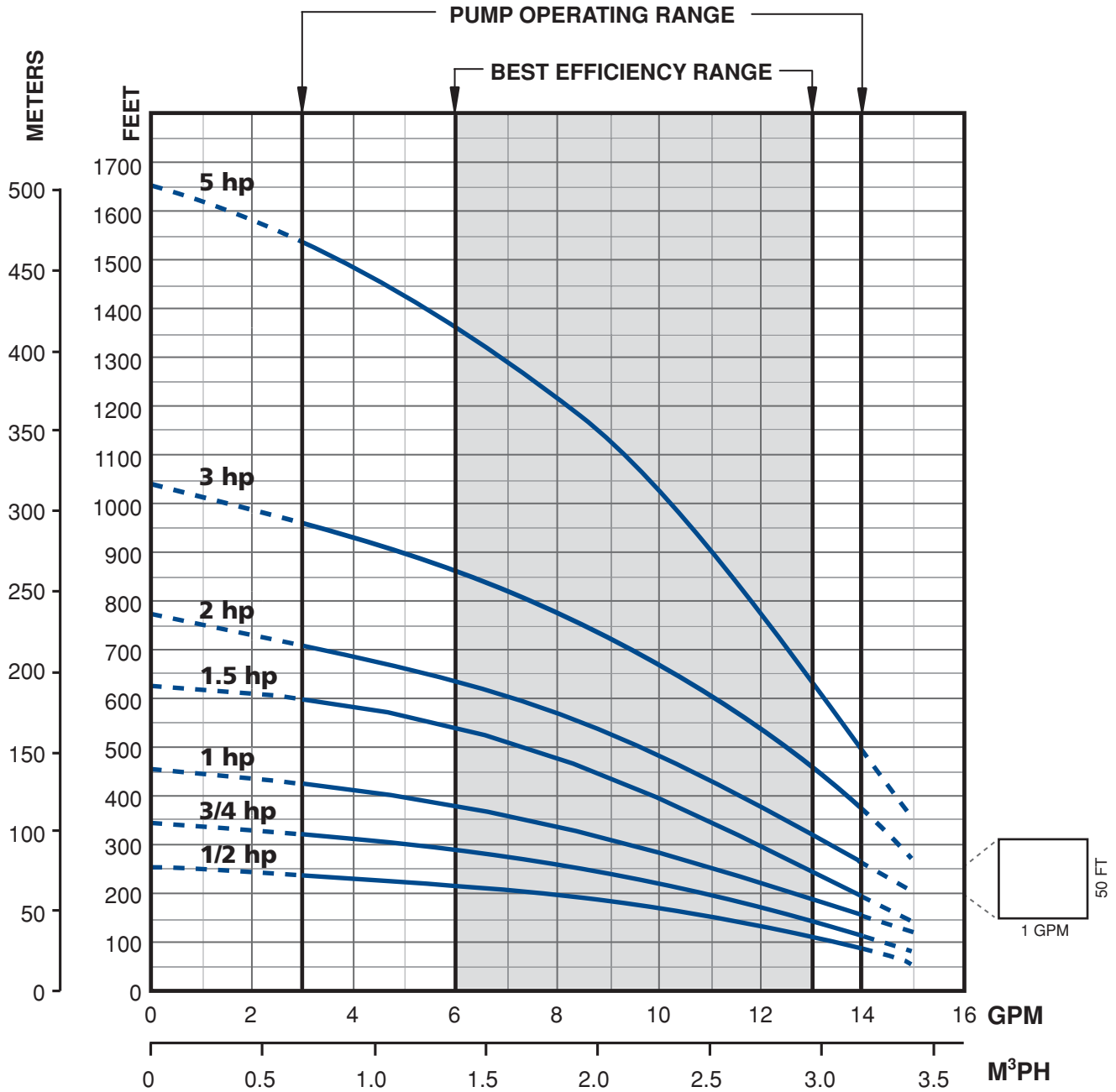
Capacities in U.S. Gallons per Minute:

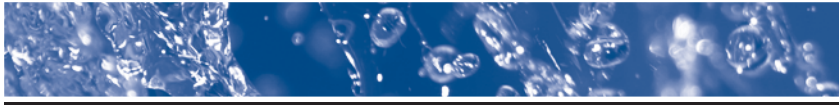
HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET.																								
		SHADED AREAS INDICATE MOST EFFICIENT PERFORMANCE																								
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000		
1/2	0				10	10	9	9	8	7	6	5	4													Shut-off 300 ft
	20		10	9	9	8	8	7	6	5	4															
	30	10	9	9	8	7	7	6	5	4	3															
	40	9	9	8	8	7	6	5	4	3																
	50	9	8	7	7	6	5	4	3																	
	60	8	7	6	6	5	4	3																		
	80	6	5	4	3																					
Shut-off PSI		121	112	103	95	86	77	69	60	52	43	26	17													
3/4	0					10	10	9	9	9	8	7	6	4											Shut-off 422 ft	
	20			10	10	10	9	9	8	8	7	6	6	4												
	30		10	10	10	9	9	8	8	7	7	6	5	3												
	40	10	10	10	9	9	8	8	7	7	6	5	4													
	50	10	9	9	9	8	8	7	7	6	6	4	3													
	60	9	9	9	8	8	7	7	6	6	5	3														
	80	8	8	8	7	6	6	5	5	4	3															
Shut-off PSI		174	165	156	148	139	130	122	113	104	96	78	70	52	26											
1	0						10	10	10	9	9	8	8	7	6	5	3	3							Shut-off 544 ft	
	20					10	10	10	9	9	9	8	8	7	6	5	4									
	30			10	10	10	10	9	9	9	8	8	7	6	5	4										
	40		10	10	10	10	9	9	9	8	8	7	7	6	4	3										
	50	10	10	10	10	9	9	9	8	8	8	7	6	5	3											
	60	10	10	9	9	9	9	8	8	8	7	6	6	5	3											
	80	9	9	9	8	8	8	7	7	7	6	5	5	3												
Shut-off PSI		226	218	209	200	192	183	174	166	157	148	131	123	105	79	62	45	27	18							
1.5	0							10	10	10	9	9	9	8	8	7	7	7	5	2					Shut-off 765 ft	
	20					10	10	10	10	9	9	9	8	8	7	7	6	6	4							
	30				10	10	10	10	9	9	9	8	8	7	7	6	6	3								
	40			10	10	10	10	9	9	9	9	8	8	7	7	6	6	5	3							
	50		10	10	10	10	9	9	9	9	8	8	8	7	6	6	5	5								
	60	10	10	10	10	9	9	9	9	8	8	8	7	7	6	6	5	4								
	80	10	10	9	9	9	9	9	8	8	8	8	7	7	6	5	5	4	3							
Shut-off PSI		322	313	305	296	287	279	270	261	253	244	227	218	201	175	158	140	123	114	71	28					
2	0								10	10	10	10	10	9	9	9	8	8	8	7	6	5	3		Shut-off 995 ft	
	20						10	10	10	10	10	10	9	9	9	8	8	8	7	7	6	6	4			
	30						10	10	10	10	10	9	9	9	8	8	8	7	7	6	5	4				
	40					10	10	10	10	10	9	9	9	8	8	7	7	7	6	5	3					
	50				10	10	10	10	9	9	9	9	8	8	8	7	7	7	6	5	3					
	60			10	10	10	10	9	9	9	9	9	8	8	7	7	7	6	4							
	80	10	10	10	10	9	9	9	9	8	8	8	7	7	6	6	5	3								
Shut-off PSI		421	412	404	395	386	378	369	360	352	343	326	317	300	274	257	239	222	213	170	127	84	40			
3	HP	PSI	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400									Shut-off 1310 ft	
	0			10	9	9	8	7	7	6	5	4	2													
	20		10	9	9	8	8	7	6	6	5	3														
	30		10	9	9	8	8	7	6	6	4	3														
	40		10	9	9	8	7	7	6	5	4															
	50	10	10	9	8	8	7	7	6	5	4															
	60	10	10	9	8	8	7	7	6	5	3															
Shut-off PSI		523	480	437	394	350	307	264	221	177	134	91	48													

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Series V Pumps 10 gpm Performance





Submersible Pumps

4" Series V Pumps 10 gpm Performance

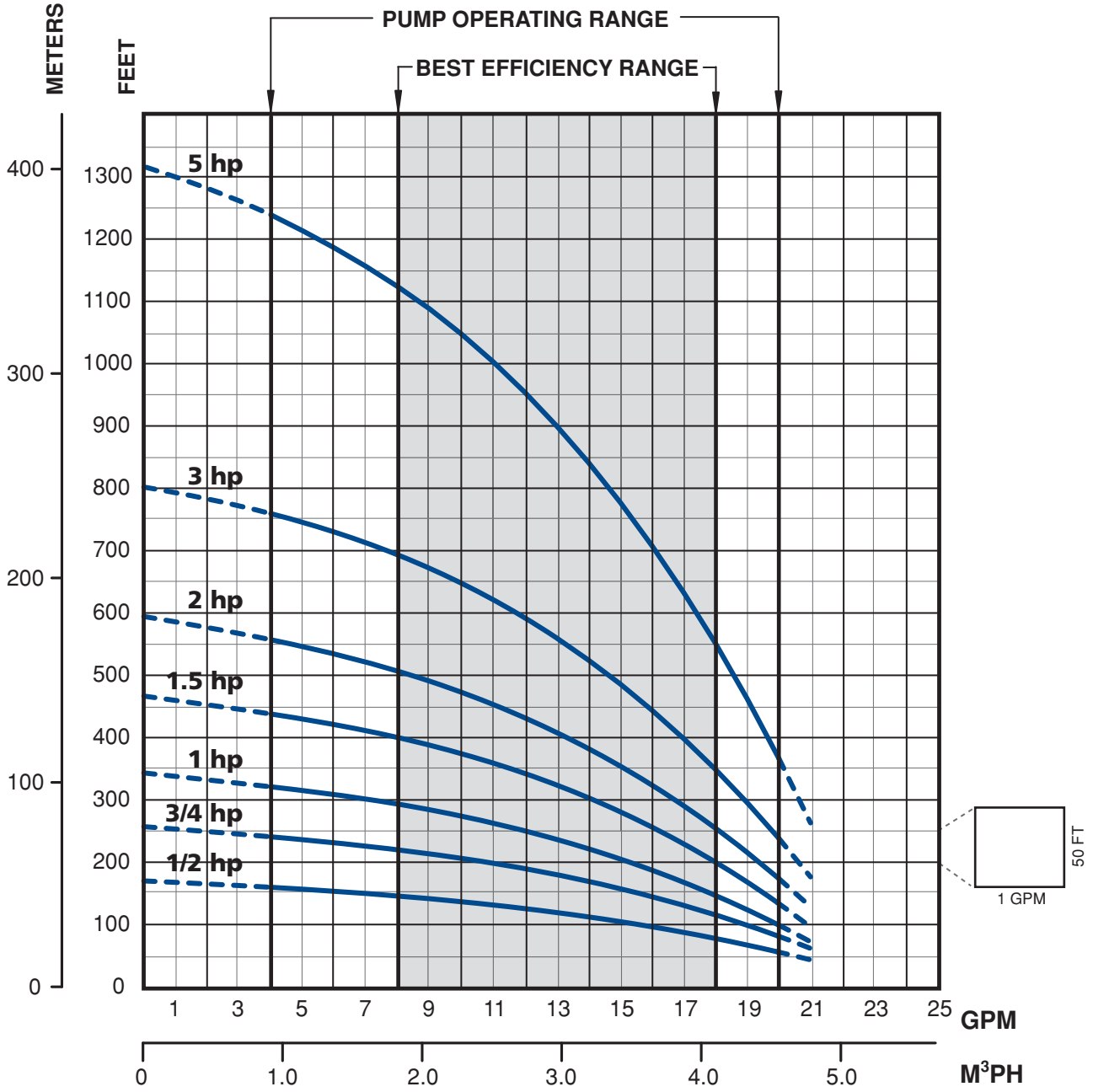
Capacities in U.S. Gallons per Minute:

HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET.																								
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700		800	900	1000	
1/2	0				14	13	12	11	10	9	7														Shut-off 244 ft	
	20	14	13	13	12	11	10	8	6	3																
	30	13	13	12	11	10	8	6	3																	
	40	13	12	11	10	8	6	3																		
	50	12	11	9	8	5	3																			
	60	11	10	7	4																					
	80	8	6	4																						
Shut-off PSI		97	88	80	71	62	54	45	36	28	19															
3/4	0				14	13	13	12	11	10	7	8	4											Shut-off 338 ft		
	20		14	14	13	12	12	11	10	9	8	6	4													
	30	14	14	13	12	12	11	10	9	8	7	3														
	40	14	13	12	12	11	10	9	8	7	6															
	50	13	12	11	11	10	9	8	7	5	3															
	60	12	11	11	10	9	8	6	5																	
	80	11	10	9	8	6	5																			
Shut-off PSI		137	129	120	111	103	94	85	77	68	59	42	34	16												
1	0					14	13	13	12	11	10	9	7	4										Shut-off 444 ft		
	20				14	13	13	12	11	11	9	9	7	3												
	30				14	13	13	12	11	11	10	9	8	6												
	40			14	13	13	12	11	11	10	9	8	7	5												
	50		14	13	12	12	11	11	10	9	8	7	6													
	60	13	12	12	11	11	10	10	9	8	8	5	4													
	80	12	12	11	10	10	9	8	7	6	5															
Shut-off PSI		183	174	157	148	140	131	123	114	105	97	79	71	53	27	10										
1.5	0							14	13	13	12	12	10	9	9	8	7							Shut-off 615 ft		
	20						14	13	13	12	12	11	11	9	8	7	6	5								
	30						14	13	13	12	12	11	11	10	8	8	6	5	4							
	40					14	13	13	12	12	12	11	10	10	8	7	6	4								
	50				14	13	13	12	12	12	11	10	10	9	8	6	5	3								
	60		14	13	13	13	12	12	11	11	10	9	9	7	6	4										
	80	13	13	13	12	12	11	11	11	10	10	9	9	8	6	3										
Shut-off PSI		257	248	240	231	222	214	205	197	188	179	162	153	136	110	93	75	41	32							
2	0									14	13	13	12	11	10	10	9	6						Shut-off 770 ft		
	20									14	13	13	12	12	11	10	9	8	5							
	30									14	13	13	12	12	11	10	9	8	4							
	40									14	13	13	12	12	11	10	9	8	3							
	50								14	13	13	12	12	11	11	10	9	8	7	6						
	60				14	13	13	13	12	12	12	11	11	10	9	8	7	6	5							
	80			14	13	13	13	12	12	12	12	11	11	10	9	8	6	4	4							
Shut-off PSI		324	316	307	298	290	281	272	264	255	246	229	220	203	177	160	143	125	117	73						
3	0													14	13	13	12	12	11	9	7	5		Shut-off 1034 ft		
	20													14	13	13	12	12	10	8	6	3				
	30													14	13	13	12	12	11	10	8	5				
	40													14	14	13	12	12	11	11	9	7	4			
	50													14	14	14	13	12	12	11	11	9	7		4	
	60										14	14	14	13	13	12	12	12	11	11	10	9	6		3	
	80									14	14	13	13	13	12	12	11	11	10	10	8	5				
Shut-off PSI		438	430	421	413	404	395	387	378	369	361	343	335	317	291	274	257	240	231	188	144	101	58			
5	0				14	13	13	12	11	11	10	9	8	6	5									Shut-off 1648 ft		
	20				14	13	12	12	11	10	9	8	7	6	4											
	30				14	13	12	12	11	10	9	8	7	5	4											
	40				14	13	12	11	11	10	9	8	7	5	3											
	50				14	13	13	12	11	10	9	9	7	6	5	3										
	60				14	13	13	12	11	10	9	8	7	6	4											
	80			14	14	13	12	11	11	10	9	8	7	5	3											
Shut-off PSI		670	626	583	540	497	453	410	367	324	280	237	194	151	107											

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Series V Pumps 15 gpm Performance



Submersible Pumps

4" Series V Pumps 15 gpm Performance

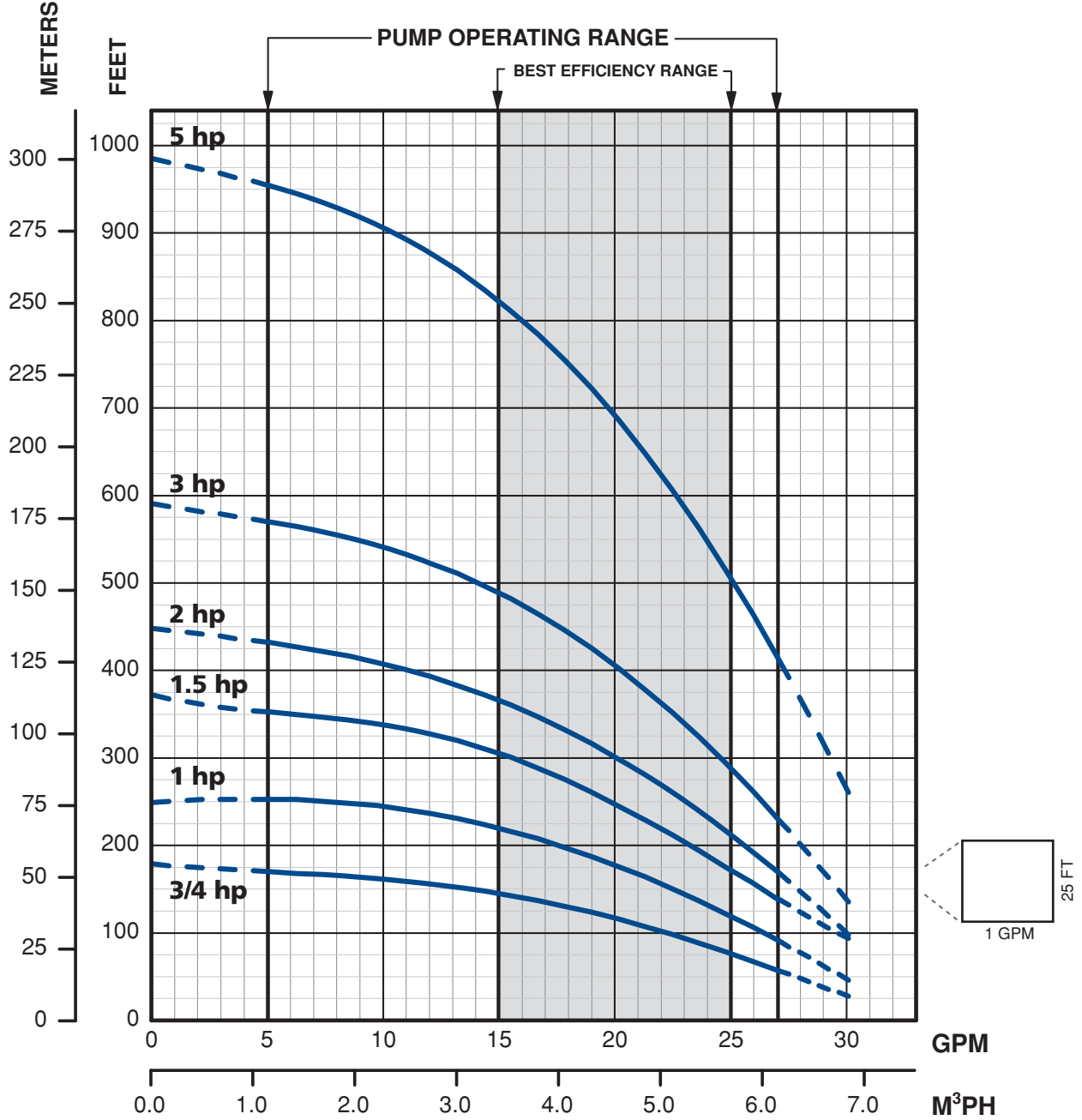
Capacities in U.S. Gallons per Minute:

HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET.																								
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440		480	500	600	700	800	900	1000	1100
1/2	0			20	18	16	13	9	4																	
	20	19	17	15	12	8																				
	30	17	14	11	7																					
	40	14	11	6																						
	50	10	5																							
	60	4																								
	80																									
Shut-off PSI	65	56	48	39	30	22	13	4																		
3/4	0			20	19	18	16	15	13	11																
	20		20	19	17	16	14	12	10	7																
	30	20	18	17	16	14	12	10	6																	
	40	18	17	15	14	12	9	6																		
	50	17	15	13	11	9	5																			
	60	15	13	11	8	4																				
	80	10	7																							
Shut-off PSI	103	94	85	77	68	59	51	42	33	25																
1	0			20	19	18	17	16	15	13	11	7														
	20		20	19	18	17	16	15	14	12	9	6														
	30	20	20	19	18	17	16	15	14	12	10	6														
	40	19	19	18	17	16	15	13	12	10	8															
	50	18	18	17	16	14	13	12	10	8	5															
	60	17	16	15	14	13	11	10	7	4																
	80	15	14	12	11	9	6																			
Shut-off PSI	140	131	123	114	105	97	88	79	71	62	45	36	19													
1.5	0			20	20	19	19	18	17	16	14	11	8	4												
	20		20	20	19	18	18	17	16	15	14	12	7													
	30		20	20	19	18	18	17	16	15	14	13	10	5												
	40		20	19	19	18	18	17	16	15	13	11	9													
	50	20	19	19	18	17	17	16	15	14	13	11	10	7												
	60	19	19	18	17	17	16	15	14	13	12	10	8	4												
	80	18	17	16	16	15	14	13	12	11	9	6														
Shut-off PSI	193	185	176	167	159	150	141	133	124	115	98	89	72	46	29	11										
2	0			20	20	20	20	19	18	18	17	15	13	12	10	8										
	20		20	20	19	19	18	17	17	15	13	11	9	7	5											
	30		20	20	19	19	18	18	16	16	14	12	10	8	5											
	40		20	20	20	19	19	18	17	16	16	14	11	9	6											
	50	20	20	19	19	19	18	17	17	16	15	14	13	10	7	4										
	60	20	20	19	19	18	18	17	17	16	16	14	13	12	9	6										
	80	19	19	18	18	17	17	16	15	15	14	12	11	9	5											
Shut-off PSI	249	240	231	223	214	205	197	188	179	171	153	145	127	101	84	67	49	41								
3	0			20	20	20	20	19	19	18	17	15	13	12	10	8										
	20		20	20	20	19	19	18	17	17	15	13	11	9	7	5										
	30		20	20	20	19	19	18	18	16	15	14	13	13	9											
	40		20	20	20	19	19	18	18	17	16	15	14	13	12	8										
	50		20	20	20	20	19	19	19	18	18	17	15	14	13	12	11	7								
	60		20	20	20	20	19	19	19	18	17	17	16	15	14	12	11	10	5							
	80	20	20	20	20	19	19	19	18	18	17	16	15	13	12	11	9	8								
Shut-off PSI	339	330	321	313	304	295	287	278	269	261	243	235	217	191	174	157	139	131	87	44						
5	0			20	20	20	20	19	19	19	17	16	15	13	11	9	6									
	20		20	20	20	19	19	18	18	17	15	14	12	10	7	4										
	30		20	20	20	19	19	18	18	17	15	14	12	9	7											
	40		20	20	20	19	19	18	18	16	15	13	11	9	6											
	50		20	20	20	20	19	19	18	18	17	16	14	13	11	8	5									
	60		20	20	20	20	19	19	19	18	18	17	16	14	12	10	8	4								
	80	20	20	20	20	19	19	19	19	18	18	17	16	15	13	11	9	6								
Shut-off PSI	561	553	544	535	527	518	509	501	492	483	466	457	440	414	397	379	362	353	310	267	224	180	137	94	50	

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Series V Pumps 20 gpm Performance



Submersible Pumps

4" Series V Pumps 20 gpm Performance

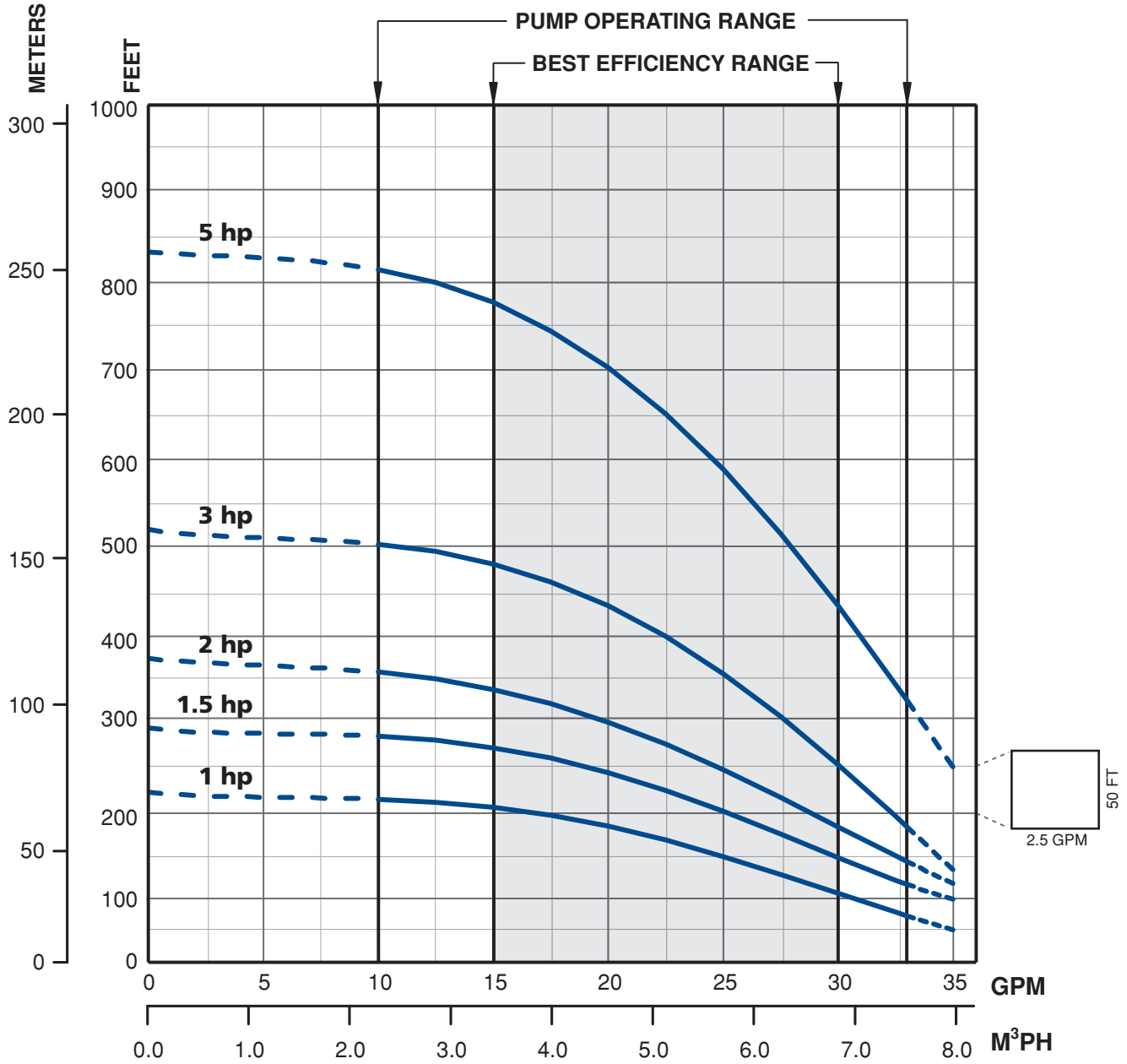
Capacities in U.S. Gallons per Minute:

HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET.																									
		SHADED AREAS INDICATE MOST EFFICIENT PERFORMANCE																									
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000			
3/4	0				24	22	21	18	14																	Shut-off 190 ft	
	20		23	21	19	17	12																				
	30	23	21	19	17	11																					
	40	21	19	17	10																						
	50	19	16	10																							
	60	14																									
Shut-off PSI		74	65	56	48	39	30	22	13																		
1	0					26	25	23	20	18	11															Shut-off 251 ft	
	20			27	26	24	22	20	18	15	8																
	30		27	26	24	22	19	17	14	7																	
	40	27	25	23	21	19	17	13																			
	50	25	23	21	19	16	12																				
	60	23	21	18	16	11																					
70	20	18	15	10																							
80	18	15	9																								
Shut-off PSI		100	91	83	74	66	57	48	40	31	22	5															
1.5	0							27	26	24	22	20	17	6												Shut-off 379 ft	
	20						27	25	24	23	21	18	16	10													
	30					26	25	24	22	21	20	16	13														
	40				26	25	23	22	21	19	18	13	8														
	50		27	26	25	23	22	21	19	17	15	7															
	60	27	26	24	23	22	20	19	17	15	11																
70	26	24	23	21	20	19	17	14	11	5																	
80	24	23	21	20	18	16	14	10																			
Shut-off PSI		156	147	138	130	121	112	104	95	86	78	60	52	34	8												
2	0										24	23	20	16	12											Shut-off 453 ft	
	20										24	21	20	17	12												
	30									24	23	22	20	19	16												
	40								24	23	22	21	19	17	14												
	50						24	23	22	20	19	16	14	10													
	60					24	23	22	20	19	18	14	12														
80			24	23	21	20	19	18	16	14																	
Shut-off PSI		187	179	170	161	153	144	135	127	118	110	92	84	66	40	23											
3	0												24	22	20	18	16	14								Shut-off 601 ft	
	20												24	23	20	17	15	12	10								
	30												24	23	21	18	16	13	10								
	40											24	23	22	20	17	14	11									
	50									24	24	22	21	19	16	13											
	60								24	24	23	21	20	18	14	10											
80						24	23	22	20	18	17	15	10														
Shut-off PSI		251	242	234	225	216	208	199	190	182	173	156	147	130	104	87	69	52	43								
5	0																	24	23	20	16				Shut-off 982 ft		
	20																	24	21	18	13						
	30																	24	23	20	17	11					
	40																	24	23	20	16	10					
	50																	24	22	22	17	15					
	60																	24	23	22	21	18	14				
80																24	23	22	21	20	16	10					
Shut-off PSI		416	408	399	390	382	373	364	356	347	339	321	313	295	269	252	235	217	209	165	122	79					

- Notes:**
1. Performance shown does not include friction loss in the drop pipe.
 2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Series V Pumps 25 gpm Performance



Submersible Pumps

4" Series V Pumps 25 gpm Performance

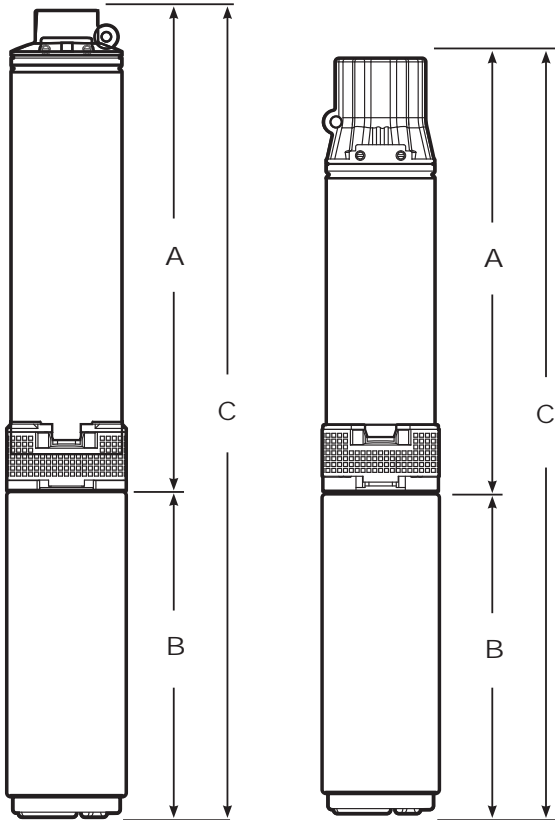
Capacities in U.S. Gallons per Minute:

HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET.																							
		SHADED AREAS INDICATE MOST EFFICIENT PERFORMANCE																							
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000	
1	0			35	33	31	28	26	24	21	17														Shut-off 222 ft
	20			32	30	28	25	22	18	15															
	30	32	29	27	25	22	19																		
	40	29	27	25	22	19																			
	50	26	24	21	16																				
	60	24	21	17																					
Shut-off PSI		87	79	70	61	53	44	35	27	18	10														
1.5	0				32	30	28	26	24	22	19													Shut-off 297 ft	
	20				32	30	28	26	24	22	19														
	30			32	30	28	26	24	22	19	16														
	40	33	32	29	27	25	23	21	19	15															
	50	32	29	27	25	23	21	18																	
	60	29	27	25	23	20	18																		
Shut-off PSI		120	111	103	94	85	77	68	59	51	42	25	16												
2	0							33	32	30	28	25	24	20										Shut-off 375 ft	
	20					34	33	31	29	28	26	25	21	20											
	30			34	33	31	29	28	26	24	23	19	17												
	40		34	33	31	29	28	26	24	23	21	17													
	50	33	32	30	29	27	26	24	22	20	18														
	60	32	30	28	27	26	24	22	20	18															
Shut-off PSI		154	145	136	128	119	110	102	93	84	76	58	50	32											
3	0									33	32	30	29	28	24	22	19	15						Shut-off 519 ft	
	20						33	32	32	31	30	28	27	25	22	19									
	30						33	32	32	31	30	29	27	26	24	20									
	40						33	32	32	31	30	29	28	26	25	22	18								
	50			33	32	31	31	30	29	28	27	24	23	21	15										
	60		33	32	31	31	30	29	28	26	25	23	22	19											
Shut-off PSI		216	207	199	190	181	173	164	155	147	138	121	112	95	69	52	34	17							
5	0													33	32	31	30	28	28	24	20			Shut-off 833 ft	
	20													33	32	30	30	28	27	26	22	17			
	30													33	33	31	30	28	27	26	25	21	15		
	40													33	32	32	31	29	28	27	25	24	20		
	50										33	33	32	31	30	28	27	25	24	23	19				
	60										33	33	32	31	31	30	28	26	25	23	22	18			
Shut-off PSI		352	343	326	317	309	300	291	283	274	257	248	231	205	187	170	153	144	101	58					

- Notes:** 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Series V Pumps Dimensions



Notes: All lengths are in inches
 All weights are in pounds
 Maximum diameter with cable guard is 3.90"
 PE - Pump end only
 PMA - Pump and motor assembly

Plastic with 2-Wire Motors

GPM	HP	STAGES	A	B	C	PE WT.	PMA WT.
5	1/2	8	14.29	9.51	23.80	8	26
	3/4	12	17.80	10.64	28.44	9	30
	1	15	20.28	11.73	32.01	10	34
	1.5	21	25.23	15.10	40.33	12	43
7	1/2	7	13.47	9.51	22.98	7	25
	3/4	10	15.95	10.64	26.59	8	29
	1	13	18.62	11.73	30.35	10	34
	1.5	18	22.77	15.10	37.87	11	42
10	1/2	6	13.13	9.51	22.64	7	25
	3/4	8	14.95	10.64	25.59	8	29
	1	11	17.88	11.73	29.61	9	33
	1.5	15	21.52	15.10	36.62	10	41
15	1/2	4	11.51	9.51	21.02	6	24
	3/4	6	13.13	10.64	23.77	7	28
	1	8	14.95	11.73	26.68	8	32
	1.5	11	17.68	15.10	32.78	9	40
20	3/4	5	13.79	10.64	24.43	6	28
	1	7	16.23	11.73	27.96	7	31
	1.5	10	19.91	15.10	35.01	8	39
25	1	6	15.01	11.73	26.74	7	31
	1.5	8	17.46	15.10	32.56	8	39

Plastic with 3-Wire Motors

GPM	HP	STAGES	A	B	C	PE WT.	PMA WT.
5	1/2	8	14.29	9.51	23.80	8	27
	3/4	12	17.80	10.64	28.44	9	30
	1	15	20.28	11.73	32.01	10	34
	1.5	21	25.23	13.60	38.83	12	40
7	1/2	7	13.47	9.51	22.98	7	26
	3/4	10	15.95	10.64	26.59	8	29
	1	13	18.62	11.73	30.35	10	34
	1.5	18	22.77	13.60	36.37	11	39
10	1/2	6	13.13	9.51	22.64	7	26
	3/4	8	14.95	10.64	25.59	8	29
	1	11	17.88	11.73	29.61	9	33
	1.5	15	21.52	13.60	35.12	10	38
15	1/2	4	11.51	9.51	21.02	6	25
	3/4	6	13.13	10.64	23.77	7	28
	1	8	14.95	11.73	26.68	8	32
	1.5	11	17.68	13.60	31.28	9	37
20	3/4	5	13.79	10.64	24.43	6	28
	1	7	16.23	11.73	27.96	7	31
	1.5	10	19.91	13.60	33.51	8	36
25	1	6	15.01	11.73	26.74	7	31
	1.5	8	17.46	13.60	31.06	8	36

Submersible Pumps

4" Series V Pumps Dimensions

Stainless Steel with 2-Wire Motors

GPM	HP	STAGES	A	B	C	PE WT.	PMA WT.
5	1/2	8	14.31	9.51	23.82	10	28
	3/4	12	17.62	10.64	28.26	12	33
	1	15	20.10	11.73	31.83	14	38
	1.5	21	25.06	15.10	40.16	17	48
7	1/2	7	13.49	9.51	23.00	9	27
	3/4	10	15.97	10.64	26.61	11	32
	1	13	18.45	11.73	30.18	13	37
	1.5	18	22.59	15.10	37.69	15	46
10	1/2	6	13.15	9.51	22.66	9	27
	3/4	8	14.97	10.64	25.61	10	31
	1	11	17.70	11.73	29.43	11	35
	1.5	15	21.34	15.10	36.44	14	45
15	1/2	4	11.33	9.51	20.84	7	25
	3/4	6	13.15	10.64	23.79	9	30
	1	8	14.97	11.73	26.70	10	34
	1.5	11	17.70	15.10	32.80	11	42
20	3/4	5	13.84	10.64	24.48	8	29
	1	7	16.30	11.73	28.03	9	33
	1.5	10	19.98	15.10	33.85	11	42
25	1	6	15.07	11.73	26.80	9	33
	1.5	8	17.52	15.10	32.62	10	41

Stainless Steel with 3-Wire Motors

GPM	HP	STAGES	A	B	C	PE WT.	PMA WT.
5	1/2	8	14.31	9.51	23.82	10	29
	3/4	12	17.62	10.64	28.26	12	33
	1	15	20.10	11.73	31.83	14	38
	1.5	21	25.06	13.60	38.66	17	45
	2	26	31.48	15.10	46.58	20	N/A
7	1/2	7	13.49	9.51	23.00	9	28
	3/4	10	15.97	10.64	26.61	11	32
	1	13	18.45	11.73	30.18	13	37
	1.5	18	22.59	13.60	36.19	15	43
	2	24	27.74	15.10	42.84	19	N/A
10	3/4	32	36.44	19.04	55.48	23	N/A
	1/2	6	13.15	9.51	22.66	9	28
	3/4	8	14.97	10.64	25.61	10	31
	1	11	17.70	11.73	29.43	11	35
	1.5	15	21.34	13.60	34.94	14	42
15	2	18	26.15	15.10	41.25	15	N/A
	3	24	31.81	19.04	50.85	19	N/A
	5	39	45.45	28.19	74.64	27	N/A
	1/2	4	11.33	9.51	20.84	7	26
	3/4	6	13.15	10.64	23.79	9	30
20	1	8	14.97	11.73	26.70	10	34
	1.5	11	17.70	13.60	31.30	11	39
	2	14	20.43	15.10	35.53	13	N/A
	3	19	27.09	19.04	46.13	16	N/A
	5	31	38.30	29.19	67.49	23	N/A
25	3/4	5	13.84	10.64	24.48	8	29
	1	7	16.30	11.73	28.03	9	33
	1.5	10	19.98	13.60	32.35	11	39
	2	12	22.45	15.10	37.55	12	N/A
	3	16	27.56	19.04	46.60	14	N/A
25	5	26	41.92	29.19	71.11	20	N/A
	1	6	15.07	11.73	26.80	9	33
	1.5	8	17.52	13.60	31.12	10	38
	2	10	19.98	15.10	35.08	11	N/A
	3	14	24.90	19.04	43.94	13	N/A
5	23	38.24	29.19	67.43	18	N/A	

Notes: All lengths are in inches
 All weights are in pounds
 Maximum diameter with cable guard is 3.90"
 PE - Pump end only
 PMA - Pump and motor assembly