

FS SERIES

SUBMERSIBLE PUMPS

Ideal for farm, home, irrigation, industry, municipal, and commercial applications, equipped with the power, performance, and reliability you expect from Franklin Electric.





FS SERIES SUBMERSIBLE PUMPS

Franklin Electric's FS Series submersible pumps feature floating stage hydraulics that improve efficiency and minimize wear even when pumping abrasives. Intended for potable drinking water applications where a submersible pump provides the best output, the FS Series line is designed to enhance pump performance with minimal internal leakage or restriction.

Each FS Series pump's floating stage design also reduces the vertical downthrust applied on the submersible motor and increases the overall performance of the water system. Available in various performance ranges: 5, 8, 10, 12, 16, 22, or 26 gpm with horsepower ranges from 0.5 to 5. For details on how to become a registered dealer and receive a 5-year warranty, contact your local distributor.

FEATURES

- Designed for use in 4" and greater diameter water well applications
- Eight performance ranges: 5, 8, 10, 12, 16, 18, 22 or 26 gpm
- Horsepower ranges: 0.5 to 5
- Exceeds all industry standards for quality manufacturing processes and operational safety
- Constructed from drinking water safe materials that are non-leeching and lead-free
- All stainless steel components are 300 series grade or better
- Industry-standard discharge head and NEMA motor connection bracket produced with proven, reliable, and durable materials. Available in 300 series stainless steel or engineered thermoplastic resins
- 1.25" NPT discharge pipe connection with sufficient wrench flat area allows for quick and easy installation
- Plastic outlet connection pumps have a Flomatic VFD style check valve; stainless steel connection pumps are equipped with a wafer disc-style check valve
- Pump hydraulics are driven by a stainless steel, 7/16-inch hex shaft with a rigid top bearing and splined motor coupling for maximum power distribution efficiency
- 100% factory performance tested
- Powered by Franklin Electric corrosion-resistant super stainless 4-inch submersible motors with lightning protection
- Maximum water temperature with the proper flow is 120 °F / 49 °C. Consult factory for details
- NSF/ANSI 61 Certified



CLASSIFIED
UL
WATER QUALITY
MECHANICAL DEVICE
NSF/ANSI 61 & 372
COLD WATER 6R21

FS SERIES SUBMERSIBLE PUMPS

THERMOPLASTIC ORDERING INFORMATION

GPM	HP	Stages	Volts	2-Wire			3-Wire			
				Pump Motor Assembly		For Replacement*	Pump Motor Assembly		For Replacement*	
				Model No.	Order No.	Motor	Model No.	Order No.	Motor	Control Box
5	1/2	8	115	5FS05P4-2W115	95940505	2445049004GS	5FS05P4-3W115	95940530	2145049004GS	2801044915
	1/2	8	230	5FS05P4-2W230	95940510	2445050117GS	5FS05P4-3W230	95940535	2145059004GS	2801054915
	3/4	12	230	5FS07P4-2W230	95940515	2445079004GS	5FS07P4-3W230	95940540	2145079004GS	2801074915
	1	15	230	5FS1P4-2W230	95940520	2445089003GS	5FS1P4-3W230	95940545	2145089003GS	2801084915
	1.5	21	230	5FS15P4-2W230	95940525	2443099004GS	5FS15P4-3W230	95940550	2243009203GS	2823008110
8	1/2	7	115	8FS05P4-2W115	95940805	2445049004GS	8FS05P4-3W115	95940830	2145049004GS	2801044915
	1/2	7	230	8FS05P4-2W230	95940810	2445050117GS	8FS05P4-3W230	95940835	2145059004GS	2801054915
	3/4	10	230	8FS07P4-2W230	95940815	2445079004GS	8FS07P4-3W230	95940840	2145079004GS	2801074915
	1	13	230	8FS1P4-2W230	95940820	2445089003GS	8FS1P4-3W230	95940845	2145089003GS	2801084915
	1.5	18	230	8FS15P4-2W230	95940825	2443099004GS	8FS15P4-3W230	95940850	2243009203GS	2823008110
10	1/2	7	115	10FS05P4-2W115	95941005	2445049004GS	10FS05P4-3W115	95941030	2145049004GS	2801044915
	1/2	7	230	10FS05P4-2W230	95941010	2445050117GS	10FS05P4-3W230	95941035	2145059004GS	2801054915
	3/4	10	230	10FS07P4-2W230	95941015	2445079004GS	10FS07P4-3W230	95941040	2145079004GS	2801074915
	1	13	230	10FS1P4-2W230	95941020	2445089003GS	10FS1P4-3W230	95941045	2145089003GS	2801084915
	1.5	17	230	10FS15P4-2W230	95941025	2443099004GS	10FS15P4-3W230	95941050	2243009203GS	2823008110
12	1/2	6	115	12FS05P4-2W115	95941205	2445049004GS	12FS05P4-3W115	95941230	2145049004GS	2801044915
	1/2	6	230	12FS05P4-2W230	95941210	2445050117GS	12FS05P4-3W230	95941235	2145059004GS	2801054915
	3/4	8	230	12FS07P4-2W230	95941215	2445079004GS	12FS07P4-3W230	95941240	2145079004GS	2801074915
	1	11	230	12FS1P4-2W230	95941220	2445089003GS	12FS1P4-3W230	95941245	2145089003GS	2801084915
	1.5	15	230	12FS15P4-2W230	95941225	2443099004GS	12FS15P4-3W230	95941250	2243009203GS	2823008110
16	1/2	4	115	16FS05P4-2W115	95941605	2445049004GS	16FS05P4-3W115	95941630	2145049004GS	2801044915
	1/2	4	230	16FS05P4-2W230	95941610	2445050117GS	16FS05P4-3W230	95941635	2145059004GS	2801054915
	3/4	6	230	16FS07P4-2W230	95941615	2445079004GS	16FS07P4-3W230	95941640	2145079004GS	2801074915
	1	9	230	16FS1P4-2W230	95941620	2445089003GS	16FS1P4-3W230	95941645	2145089003GS	2801084915
	1.5	11	230	16FS15P4-2W230	95941625	2443099004GS	16FS15P4-3W230	95941645	2243009203GS	2823008110
18	3/4	6	230	18FS07P4-2W230	95941815	2445079004GS	18FS07P4-3W230	95941840	2145079004GS	2801074915
	1	8	230	18FS1P4-2W230	95941820	2445089003GS	18FS1P4-3W230	95941845	2145089003GS	2801084915
	1.5	11	230	18FS15P4-2W230	95941825	2443099004GS	18FS15P4-3W230	95941850	2243009203GS	2823008110
22	3/4	5	230	22FS07P4-2W230	95942215	2445079004GS	22FS07P4-3W230	95942240	2145079004GS	2801074915
	1	7	230	22FS1P4-2W230	95942220	2445089003GS	22FS1P4-3W230	95942245	2145089003GS	2801084915
	1.5	10	230	22FS15P4-2W230	95942225	2443099004GS	22FS15P4-3W230	95942250	2243009203GS	2823008110
26	1	6	230	26FS1P4-2W230	95942620	2445089003GS	26FS1P4-3W230	95942645	2145089003GS	2801084915
	1.5	8	230	26FS15P4-2W230	95942625	2443099004GS	26FS15P4-3W230	95942650	2243009203GS	2823008110

NOTES: All listed above have 1-1/4" NPT discharge and feature our removable Flomatic™ poppet assembly.



FS SERIES SUBMERSIBLE PUMPS

STAINLESS STEEL ORDERING INFORMATION

GPM	HP	Stages	Volts	2-Wire			3-Wire			
				Pump Motor Assembly		For Replacement*	Pump Motor Assembly		For Replacement*	
				Model No.	Order No.	Motor	Model No.	Order No.	Motor	Control Box
5	1/2	8	115	5FS05S4-2W115	95960505	2445049004GS	5FS05S4-3W115	95960530	2145049004GS	2801044915
	1/2	8	230	5FS05S4-2W230	95960510	2445050117GS	5FS05S4-3W230	95960535	2145059004GS	2801054915
	3/4	12	230	5FS07S4-2W230	95960515	2445079004GS	5FS07S4-3W230	95960540	2145079004GS	2801074915
	1	15	230	5FS15S4-2W230	95960520	2445089003GS	5FS15S4-3W230	95960545	2145089003GS	2801084915
	1.5	21	230	5FS15S4-2W230	95960525	2443099004GS	5FS15S4-3W230	95960550	2243009203GS	2823008110
8	1/2	7	115	8FS05S4-2W115	95960805	2445049004GS	8FS05S4-3W115	95960830	2145049004GS	2801044915
	1/2	7	230	8FS05S4-2W230	95960810	2445050117GS	8FS05S4-3W230	95960835	2145059004GS	2801054915
	3/4	10	230	8FS07S4-2W230	95960815	2445079004GS	8FS07S4-3W230	95960840	2145079004GS	2801074915
	1	13	230	8FS15S4-2W230	95960820	2445089003GS	8FS15S4-3W230	95960845	2145089003GS	2801084915
	1.5	18	230	8FS15S4-2W230	95960825	2443099004GS	8FS15S4-3W230	95960850	2243009203GS	2823008110
10	1/2	7	115	10FS05S4-2W115	95961005	2445049004GS	10FS05S4-3W115	95961030	2145049004GS	2801044915
	1/2	7	230	10FS05S4-2W230	95961010	2445050117GS	10FS05S4-3W230	95961035	2145059004GS	2801054915
	3/4	10	230	10FS07S4-2W230	95961015	2445079004GS	10FS07S4-3W230	95961040	2145079004GS	2801074915
	1	13	230	10FS15S4-2W230	95961020	2445089003GS	10FS15S4-3W230	95961045	2145089003GS	2801084915
	1.5	17	230	10FS15S4-2W230	95961025	2443099004GS	10FS15S4-3W230	95961050	2243009203GS	2823008110
12	1/2	6	115	12FS05S4-2W115	95961205	2445049004GS	12FS05S4-3W115	95961230	2145049004GS	2801044915
	1/2	6	230	12FS05S4-2W230	95961210	2445050117GS	12FS05S4-3W230	95961235	2145059004GS	2801054915
	3/4	8	230	12FS07S4-2W230	95961215	2445079004GS	12FS07S4-3W230	95961240	2145079004GS	2801074915
	1	11	230	12FS15S4-2W230	95961220	2445089003GS	12FS15S4-3W230	95961245	2145089003GS	2801084915
	1.5	15	230	12FS15S4-2W230	95961225	2443099004GS	12FS15S4-3W230	95961250	2243009203GS	2823008110
16	1/2	4	115	16FS05S4-2W115	95961605	2445049004GS	16FS05S4-3W115	95961630	2145049004GS	2801044915
	1/2	4	230	16FS05S4-2W230	95961610	2445050117GS	16FS05S4-3W230	95961635	2145059004GS	2801054915
	3/4	6	230	16FS07S4-2W230	95961615	2445079004GS	16FS07S4-3W230	95961640	2145079004GS	2801074915
	1	9	230	16FS15S4-2W230	95961620	2445089003GS	16FS15S4-3W230	95961645	2145089003GS	2801084915
	1.5	11	230	16FS15S4-2W230	95961625	2443099004GS	16FS15S4-3W230	95961650	2243009203GS	2823008110
18	3/4	6	230	18FS07S4-2W230	95961815	2445079004GS	18FS07S4-3W230	95961840	2145079004GS	2801074915
	1	8	230	18FS15S4-2W230	95961820	2445089003GS	18FS15S4-3W230	95961845	2145089003GS	2801084915
	1.5	11	230	18FS15S4-2W230	95961825	2443099004GS	18FS15S4-3W230	95961850	2243009203GS	2823008110
22	3/4	5	230	22FS07S4-2W230	95962215	2445079004GS	22FS07S4-3W230	95962240	2145079004GS	2801074915
	1	7	230	22FS15S4-2W230	95962220	2445089003GS	22FS15S4-3W230	95962245	2145089003GS	2801084915
	1.5	10	230	22FS15S4-2W230	95962225	2443099004GS	22FS15S4-3W230	95962250	2243009203GS	2823008110
26	1	6	230	26FS15S4-2W230	95962620	2445089003GS	26FS15S4-3W230	95962645	2145089003GS	2801084915
	1.5	8	230	26FS15S4-2W230	95962625	2443099004GS	26FS15S4-3W230	95962650	2243009203GS	2823008110

NOTES: All listed above have 1-1/4" NPT discharge and feature our removable Flomatic™ poppet assembly.

FS SERIES SUBMERSIBLE PUMPS

THERMOPLASTIC PUMP ENDS ORDERING INFORMATION

GPM	HP	Stages	Model No.	Order No.
5	1/2	8	5FS05P4-PE	95950505
	3/4	12	5FS07P4-PE	95950510
	1	15	5FS1P4-PE	95950515
	1.5	21	5FS15P4-PE	95950520
8	1/2	7	8FS05P4-PE	95950805
	3/4	10	8FS07P4-PE	95950810
	1	13	8FS1P4-PE	95950815
	1.5	18	8FS15P4-PE	95950820
10	1/2	7	10FS05P4-PE	95951005
	3/4	10	10FS07P4-PE	95951010
	1	13	10FS1P4-PE	95951015
	1.5	17	10FS15P4-PE	95951020
12	1/2	6	12FS05P4-PE	95951205
	3/4	8	12FS07P4-PE	95951210
	1	11	12FS1P4-PE	95951215
	1.5	15	12FS15P4-PE	95951220
16	1/2	4	16FS05P4-PE	95951605
	3/4	6	16FS07P4-PE	95951610
	1	9	16FS1P4-PE	95951615
	1.5	11	16FS15P4-PE	95951620
18	3/4	6	18FS07P4-PE	95951810
	1	8	18FS1P4-PE	95951815
	1.5	11	18FS15P4-PE	95951820
22	3/4	5	22FS07P4-PE	95952210
	1	7	22FS1P4-PE	95952215
	1.5	10	22FS15P4-PE	95952220
26	1	6	26FS1P4-PE	95952615
	1.5	8	26FS15P4-PE	95952620

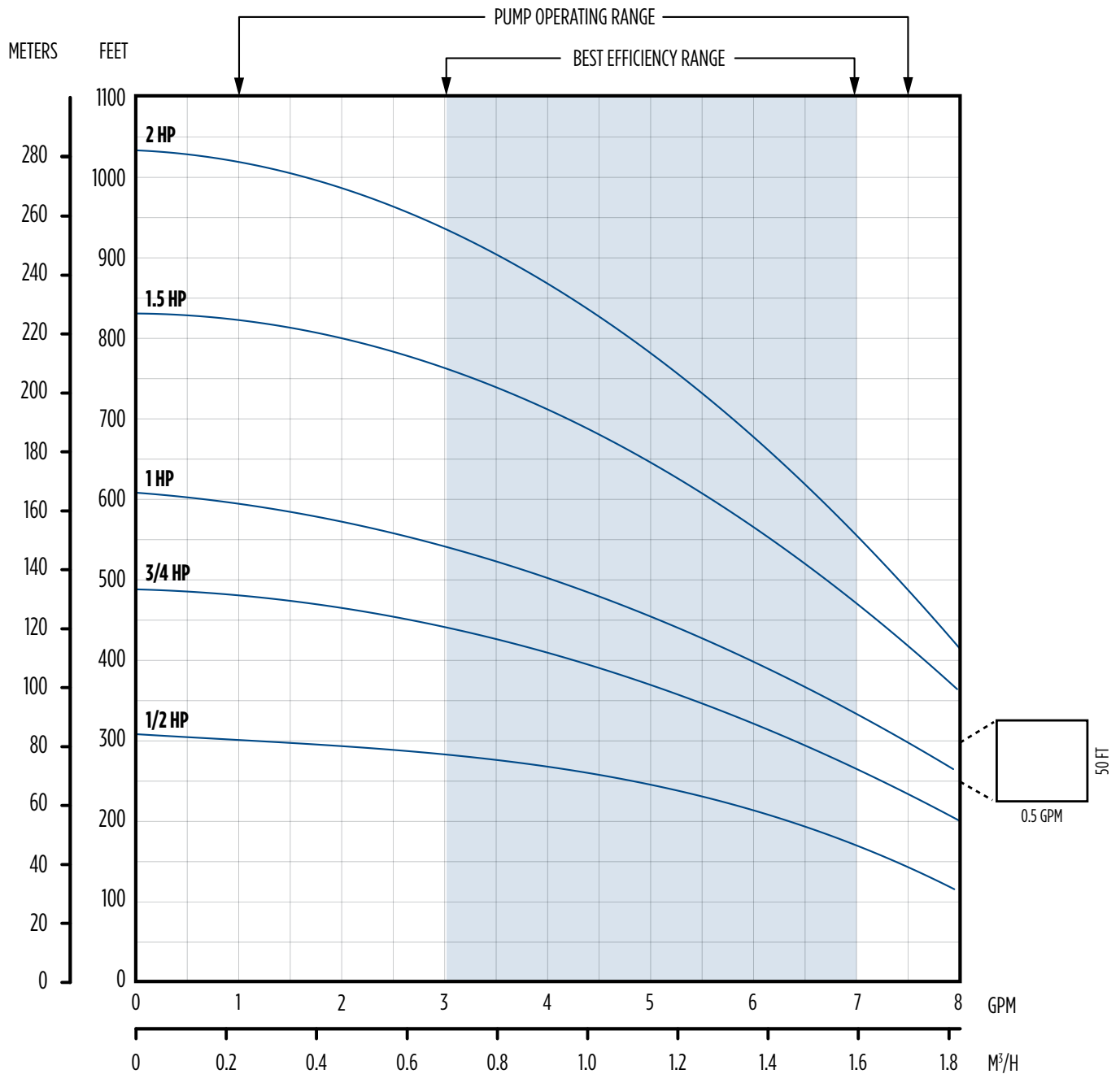
STAINLESS STEEL PUMP ENDS ORDERING INFORMATION

GPM	HP	Stages	Model No.	Order No.
5	1/2	8	5FS05S4-PE	95970505
	3/4	12	5FS07S4-PE	95970510
	1	15	5FS1S4-PE	95970515
	1.5	21	5FS15S4-PE	95970520
8	2	26	5FS2S4-PE	95970525
	1/2	7	8FS05S4-PE	95970805
	3/4	10	8FS07S4-PE	95970810
	1	13	8FS1S4-PE	95970815
8	1.5	18	8FS15S4-PE	95970820
	2	24	8FS2S4-PE	95970825
	3	32	8FS3S4-PE	95970830
10	1/2	7	10FS05S4-PE	95971005
	3/4	10	10FS07S4-PE	95971010
	1	13	10FS1S4-PE	95971015
	1.5	17	10FS15S4-PE	95971020
10	2	21	10FS2S4-PE	95971025
	3	28	10FS3S4-PE	95971030
12	1/2	6	12FS05S4-PE	95971205
	3/4	8	12FS07S4-PE	95971210
	1	11	12FS1S4-PE	95971215
	1.5	15	12FS15S4-PE	95971220
12	2	18	12FS2S4-PE	95971225
	3	24	12FS3S4-PE	95971230
	5	39	12FS5S4-PE	95971235
16	1/2	4	16FS05S4-PE	95971605
	3/4	6	16FS07S4-PE	95971610
	1	9	16FS1S4-PE	95971615
	1.5	11	16FS15S4-PE	95971620
16	2	14	16FS2S4-PE	95971625
	3	19	16FS3S4-PE	95971630
	5	31	16FS5S4-PE	95971635
18	3/4	6	18FS07S4-PE	95971810
	1	8	18FS1S4-PE	95971815
	1.5	11	18FS15S4-PE	95971820
	2	14	18FS2S4-PE	95971825
18	3	19	18FS3S4-PE	95971830
	5	30	18FS5S4-PE	95971835
22	3/4	5	22FS07S4-PE	95972210
	1	7	22FS1S4-PE	95972215
	1.5	10	22FS15S4-PE	95972220
	2	12	22FS2S4-PE	95972225
22	3	16	22FS3S4-PE	95972230
	5	26	22FS5S4-PE	95972235
26	1	6	26FS1S4-PE	95972615
	1.5	8	26FS15S4-PE	95972620
	2	10	26FS2S4-PE	95972625
	3	14	26FS3S4-PE	95972630
26	5	23	26FS5S4-PE	95972635



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 5 GPM



FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 5 GPM

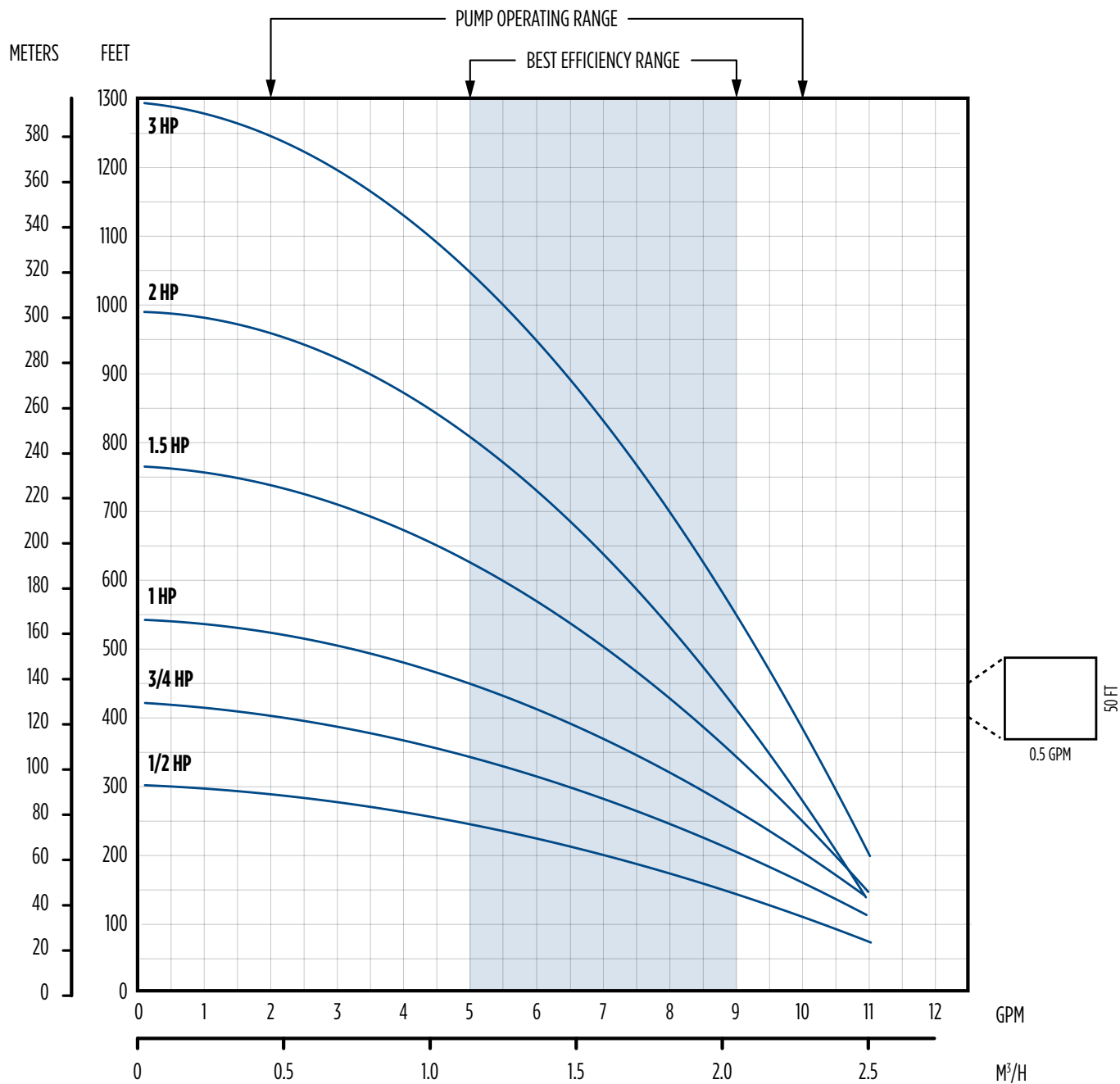
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																														
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	Shut-off (ft)		
1/2	0									7	7	6	5	4																	312	
	10								7	7	6	6	4																			
	20							7	7	6	6	5	3																			
	30					7	7	7	6	6	5	4																				
	40				7	7	7	6	6	5	4	3																				
	50			7	7	7	6	6	5	4																						
	60		7	7	6	6	5	5	4																							
	70	7	7	6	6	5	5	3																								
80	7	6	6	5	4	3																										
Shut-off PSI		135	126	118	109	100	92	83	74	66	57	48	31	14																		
3/4	0												7	7	6	5	4	3													491	
	10												7	6	6	5	4															
	20											7	7	6	5	4	3															
	30										7	7	6	6	5	4																
	40									7	7	7	6	5	4																	
	50								7	7	7	6	5	4	3																	
	60						7	7	7	6	6	6	5	4																		
	70					7	7	7	6	6	6	5	4	3																		
80				7	7	7	6	6	6	5	5	4																				
Shut-off PSI					187	178	169	161	152	143	135	126	109	91	74	57	39	22														
1	0													7	7	6	5	5	4	3											609	
	10													7	7	6	6	5	4	4												
	20													7	7	6	5	4	3	3												
	30												7	7	6	6	5	4	3													
	40												7	6	6	5	4	3														
	50											7	7	6	5	5	4	3														
	60										7	7	6	6	5	4	3															
	70								7	7	7	7	6	5	4	4																
80							7	7	7	7	6	6	5	4	3																	
Shut-off PSI								212	203	194	186	177	160	142	125	108	90	73	56	47	26											
1.5	0																7	7	7	6	6	5	5	4	3						827	
	10																7	7	7	6	6	5	5	4	3							
	20																7	7	6	6	6	5	4	3								
	30															7	7	7	6	6	5	5	4	3								
	40															7	7	6	6	6	5	4	3									
	50															7	7	7	6	6	5	5	4	3								
	60															7	7	6	6	5	5	4	4									
	70													7	7	6	6	6	5	5	4	3										
80												7	7	7	6	6	5	5	4	4												
Shut-off PSI													254	237	219	202	185	168	150	142	120	98	77	55	33							
2	0																	8	7	7	7	6	6	5	5	4	4	3			1030	
	10																	7	7	7	6	6	6	5	5	4	4	3				
	20																	7	7	7	6	6	6	5	5	4	4	3				
	30																	7	7	7	7	6	6	5	5	4	3	2				
	40																	7	7	7	7	6	6	5	5	4	4	3				
	50																	7	7	7	7	6	6	5	5	4	3					
	60																	7	7	7	7	6	6	5	5	4	4	3				
	70																	7	7	7	6	6	6	5	5	4	3	3				
80																	7	7	7	6	6	5	5	4	4	3						
Shut-off PSI																		307	290	273	255	238	229	208	186	165	143	121	100	78	56	35

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



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 8 GPM



FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 8 GPM

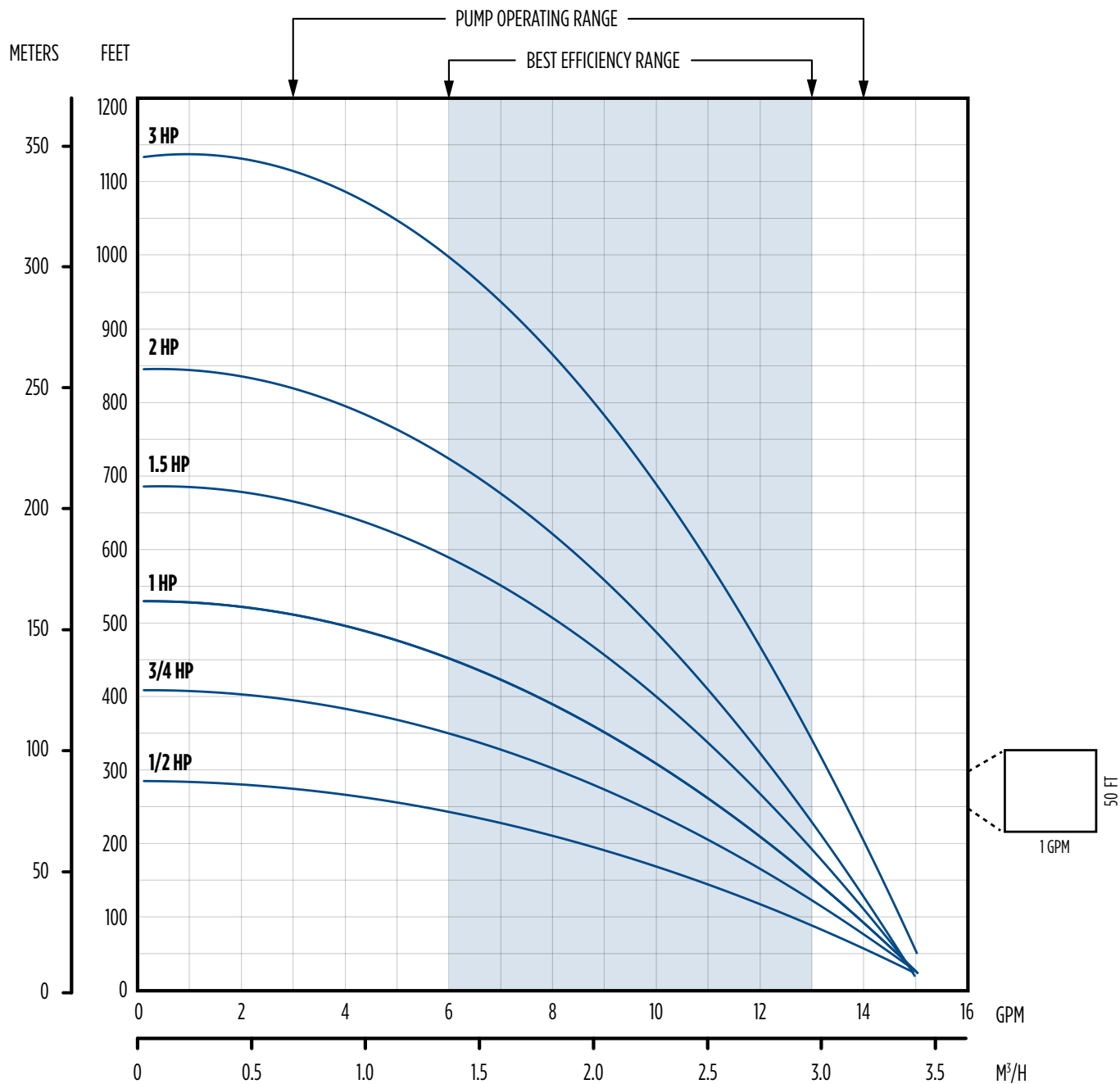
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																												Shut-off (ft)			
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950		1000	1050	
1/2	0								9	8	8	7	5																				297
	10						9	9	8	7	7	6																					
	20					9	9	8	7	7	6	5																					
	30				9	9	8	7	6	6																							
	40			9	9	8	7	6	5																								
	50		9	8	8	7	6	5																									
	60	9	8	8	7	6	5																										
	70	8	7	7	6	5																											
	80	7	7	6	5																												
Shut-off PSI		129	120	111	103	94	85	77	68	59	51	42	25																				
3/4	0										9	9	8	7	6																	417	
	10									9	9	8	7	6	5																		
	20								9	9	8	8	7	5																			
	30							9	9	8	8	7	6	5																			
	40						9	9	8	8	7	7	5																				
	50					9	9	8	8	7	6	6																					
	60			9	9	9	8	7	7	6	6	5																					
	70		9	9	8	8	7	7	6	6	5																						
	80	9	9	8	8	7	7	6	5	5																							
Shut-off PSI		181	172	163	155	146	137	129	120	111	103	94	77	59	42																		
1	0													9	8	7	6	5														538	
	10													9	8	7	7	6															
	20												9	9	8	7	6	5															
	30									9	9	9	8	7	6	5																	
	40								9	9	9	8	8	7	6	5																	
	50							9	9	9	8	8	7	6	5																		
	60						9	9	9	8	8	8	7	6	5																		
	70					9	9	9	8	8	7	7	6	5																			
	80				9	9	9	8	8	7	7	7	6																				
Shut-off PSI					207	198	190	181	172	164	155	146	129	112	94	77	60	42															
1.5	0														9	8	8	7	7	6	5											760	
	10													10	9	9	8	8	7	7	6	5											
	20													10	9	9	8	8	7	7	6	5											
	30												10	9	9	8	8	7	7	6	6	5											
	40											9	9	9	8	8	7	6	6	6	5												
	50											9	9	8	8	7	7	6	5	5													
	60											9	9	8	8	7	6	6	5														
	70								9	9	9	8	8	7	7	6	5																
	80							9	9	9	8	8	7	7	6	6	5																
Shut-off PSI									268	260	251	242	225	208	190	173	156	139	121	113	91	69											
2	0														9	9	9	8	8	8	7	7	6	5	5							985	
	10														9	9	9	8	8	8	7	7	6	5	5								
	20														9	9	9	8	8	8	7	7	6	6	5								
	30														9	9	9	8	8	8	7	7	6	5	5								
	40														9	9	9	8	8	8	7	7	6	6	5								
	50												9	9	9	8	8	8	7	7	7	6	5	5									
	60											9	9	9	9	8	8	8	7	7	6	6	5										
	70										9	9	9	9	8	8	8	7	7	7	6	6	5										
	80									9	9	9	9	8	8	7	7	6	6	5	5												
Shut-off PSI										357	348	340	323	305	288	271	253	236	219	210	188	167	145	123	102	80							
3	0																		9	9	9	8	8	8	7	7	6	6	5	5		1290	
	10																		9	9	9	8	8	8	7	7	7	6	6	5	5		
	20																		9	9	9	8	8	8	7	7	6	6	5	5			
	30																		9	9	9	8	8	8	7	7	7	6	6	5	5		
	40																		9	9	9	8	8	8	7	7	6	6	6	5			
	50																		9	9	9	8	8	8	7	7	7	6	6	5	5		
	60																		9	9	9	8	8	8	7	7	6	6	6	5			
	70																		9	9	9	8	8	8	7	7	7	6	6	5	5		
	80															9	9	9	8	8	8	8	7	7	7	6	6	5	5				
Shut-off PSI															420	403	385	368	351	342	320	299	277	255	234	212	190	169	147	126	104		

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



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 10 GPM



FS SERIES SUBMERSIBLE PUMPS

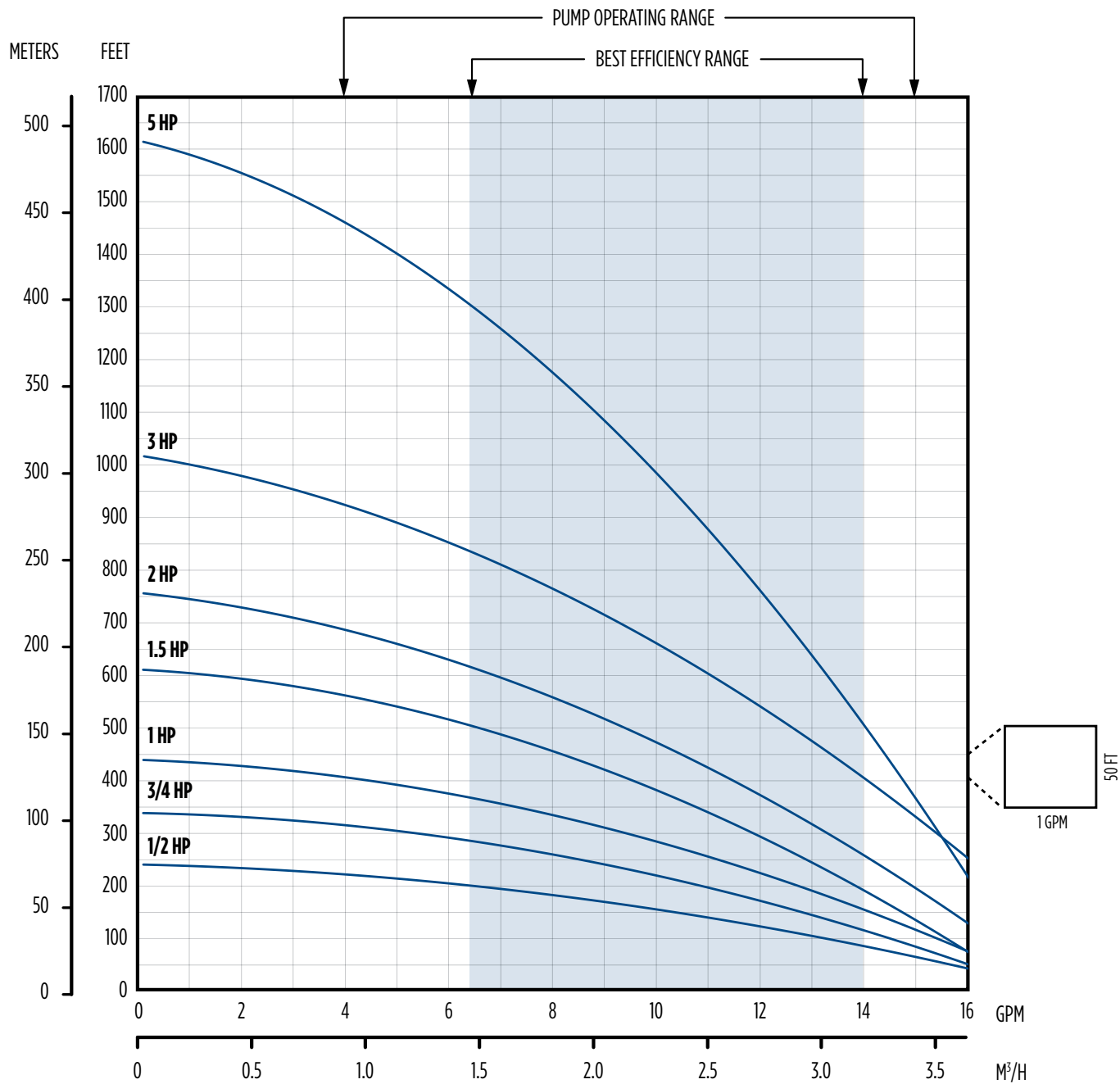
CAPACITIES (U.S. GPM) - 10 GPM

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																															
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	1000	1050	Shut-off (ft)	
1/2	0					13	13	12	11	10	9	8	6																				282
	10				13	12	12	11	10	9	8	7																					
	20			13	12	12	11	10	9	8	7																						
	30		13	12	11	11	10	9	8	7																							
	40	13	12	11	11	10	9	8	6																								
	50	12	11	10	10	9	8	6																									
	60	11	10	9	8	7	6																										
	70	10	9	8	7	6																											
	80	9	8	7	6																												
Shut-off PSI		122	113	105	96	87	79	70	61	53	44	35	18																				
3/4	0						13	13	13	12	12	11	10	9	7																		406
	10					13	13	12	12	11	11	10	9	8	6																		
	20				13	13	12	12	11	11	10	10	8	7																			
	30			13	13	12	12	11	11	10	10	9	8	6																			
	40		13	13	12	12	11	11	10	10	9	8	7																				
	50	13	13	12	12	11	11	10	9	9	8	7																					
	60	13	12	12	11	11	10	9	9	8	7	6																					
	70	12	12	11	10	10	9	9	8	7	6																						
	80	11	11	10	10	9	8	8	7	6																							
Shut-off PSI		176	167	158	150	141	132	124	115	106	98	89	72	55	37																		
1	0						13	13	13	12	12	11	11	10	9	8	6																526
	10					13	13	13	12	12	12	11	10	9	8	7																	
	20				13	13	13	12	12	12	11	10	10	9	7	6																	
	30				13	13	13	12	12	12	11	11	10	9	8	7	5																
	40			13	13	13	12	12	12	11	11	10	9	8	7	6																	
	50		13	13	13	12	12	11	11	11	10	10	9	8	6																		
	60	13	13	13	12	12	11	11	11	10	10	9	8	7	6																		
	70	13	12	12	12	11	11	11	10	10	9	9	7	6																			
	80	12	12	12	11	11	10	10	10	9	9	8	7																				
Shut-off PSI		228	219	210	202	193	184	176	167	158	150	141	124	106	89	72	55	37															
1.5	0							13	13	13	13	12	12	11	11	10	9	8	8	7													680
	10							13	13	13	13	12	12	11	11	10	10	9	8	8	6												
	20						13	13	13	13	12	12	11	10	10	9	8	7	7	6													
	30					13	13	13	12	12	12	11	11	10	9	9	8	7	6														
	40			13	13	13	13	12	12	12	12	11	10	10	9	8	7	6	6														
	50			13	13	13	13	12	12	12	12	11	11	10	9	9	8	7	6														
	60		13	13	13	13	12	12	12	12	11	11	10	10	9	8	7	6															
	70	13	13	13	13	12	12	12	11	11	11	11	10	9	8	8	7																
	80	13	13	13	12	12	12	11	11	11	11	10	9	9	8	7	6																
Shut Off PSI		294	286	277	268	260	251	242	234	225	216	208	190	173	156	139	121	104	87	78	56												
2	0								13	13	13	13	12	12	11	11	10	10	9	8	7	6											841
	10								13	13	13	13	12	12	11	11	10	10	9	9	8	7	6										
	20							13	13	13	13	13	12	12	11	11	10	10	9	9	8	7	6	5									
	30						13	13	13	13	13	13	12	12	11	11	10	10	9	9	8	7	6										
	40					13	13	13	13	13	13	12	12	11	11	10	10	9	9	8	8	7											
	50				13	13	13	13	13	12	12	12	12	11	11	10	10	9	8	8	7	6											
	60			13	13	13	13	13	13	12	12	12	12	11	11	10	10	9	9	8	8	7											
	70		13	13	13	13	13	13	12	12	12	12	12	11	11	10	10	9	9	8	8	7	6										
	80	13	13	13	13	13	12	12	12	12	11	11	11	10	10	9	8	8	7	7	6												
Shut-off PSI		364	355	347	338	329	321	312	303	295	286	277	260	243	226	208	191	174	156	148	126	104	83	61									
3	0												13	13	13	13	12	12	12	11	11	10	10	9	9	8	7	7	6			1137	
	10												13	13	13	13	12	12	12	12	11	11	10	10	9	8	8	7	6				
	20											13	13	13	13	12	12	12	12	11	11	11	10	10	9	8	8	7	6				
	30											13	13	13	13	12	12	12	12	11	11	11	10	10	9	8	8	7	6				
	40									13	13	13	13	13	12	12	12	12	11	11	11	11	10	10	9	9	8	7	6				
	50								13	13	13	13	13	13	12	12	12	12	11	11	11	11	10	10	9	9	8	7	6				
	60							13	13	13	13	13	13	13	12	12	12	12	11	11	11	11	10	10	9	9	8	8	7	6			
	70						13	13	13	13	13	13	13	13	12	12	12	12	11	11	11	11	10	10	9	9	8	7	6	6			
	80					13	13	13	13	13	13	13	13	12	12	12	11	11	11	10	10	9	9	9	8	8	7	6	6				
Shut-off PSI						449	440	432	423	414	406	388	371	354	336	319	302	284	276	254	232	211	189	168	146	124	103	81	59				



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 12 GPM



FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 12 GPM

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																								
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	Shut-off (ft)	
1/2	0					14	13	12	11	9	8	6													235	
	10				14	13	12	10	9	7	6															
	20			14	13	11	10	9	7																	
	30	14	13	12	11	10	9	7																		
	40	13	12	11	10	8	7																			
	50	12	11	10	8	6																				
	60	11	9	8	6																					
	70	9	8	6																						
	80	7																								
Shut-off PSI		102	93	84	76	67	58	50	41	32	24	15														
3/4	0						14	14	13	12	11	11	9	6											333	
	10					14	14	13	12	11	10	10	7													
	20				14	13	13	12	11	10	9	8	6													
	30			14	13	13	12	11	10	9	8	7														
	40		14	13	12	12	11	10	9	8	7	6														
	50	14	13	12	12	11	10	9	8	7																
	60	13	12	11	11	10	9	8	7																	
	70	12	11	11	10	9	8	6																		
	80	11	10	9	8	7	6																			
Shut-off PSI		144	135	127	118	110	101	92	84	75	66	58	40	23												
1	0								14	14	13	13	11	10	8	7									434	
	10							14	14	13	12	12	11	9	7											
	20						14	14	13	12	12	11	10	8	6											
	30					14	13	13	12	12	11	10	9	7												
	40			14	14	13	13	12	12	11	10	10	8	6												
	50		14	14	13	13	12	11	11	10	9	9	7													
	60	14	14	13	13	12	11	11	10	9	8	8	6													
	70	14	13	13	12	11	11	10	9	8	7	6														
	80	13	12	12	11	11	10	9	8	7	6															
Shut-off PSI		188	179	171	162	153	145	136	127	119	110	101	84	67	49	32										
1.5	0									14	14	14	13	12	11	10	9	8	7	6					608	
	10								14	14	14	13	13	12	11	10	9	8	6	6						
	20							14	14	14	13	13	12	11	10	9	8	7	5							
	30						14	14	14	13	13	12	12	11	10	9	7	6								
	40					14	14	14	13	13	12	12	11	10	9	8	7									
	50				14	14	13	13	13	12	12	11	11	10	8	7	6									
	60		14	14	14	13	13	13	12	12	11	11	10	9	8	7										
	70	14	14	14	13	13	13	12	12	11	11	10	9	8	7	6										
	80	14	14	13	13	12	12	12	11	11	10	10	9	8	6											
Shut-off PSI		263	255	246	237	229	220	211	203	194	185	177	159	142	125	107	90	73	55	47						
2	0												14	14	13	12	11	11	10	9	8	7			755	
	10												14	14	13	12	12	11	10	9	9	8	6			
	20											14	14	13	13	12	11	10	10	9	8	7				
	30									14	14	14	13	12	12	11	10	9	9	8	8	6				
	40								14	14	14	13	13	12	11	10	9	9	8	7	6					
	50							14	14	14	13	13	12	11	11	10	9	8	7	6						
	60						14	14	14	13	13	13	12	11	11	10	9	8	7	6	6					
	70					14	14	14	13	13	12	12	11	11	10	9	8	7	6	6						
	80			14	14	14	13	13	13	12	12	12	11	11	10	9	8	7	6							
Shut-off PSI				310	301	292	284	275	266	258	249	240	223	206	188	171	154	136	119	110	89	67				

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



FS SERIES SUBMERSIBLE PUMPS

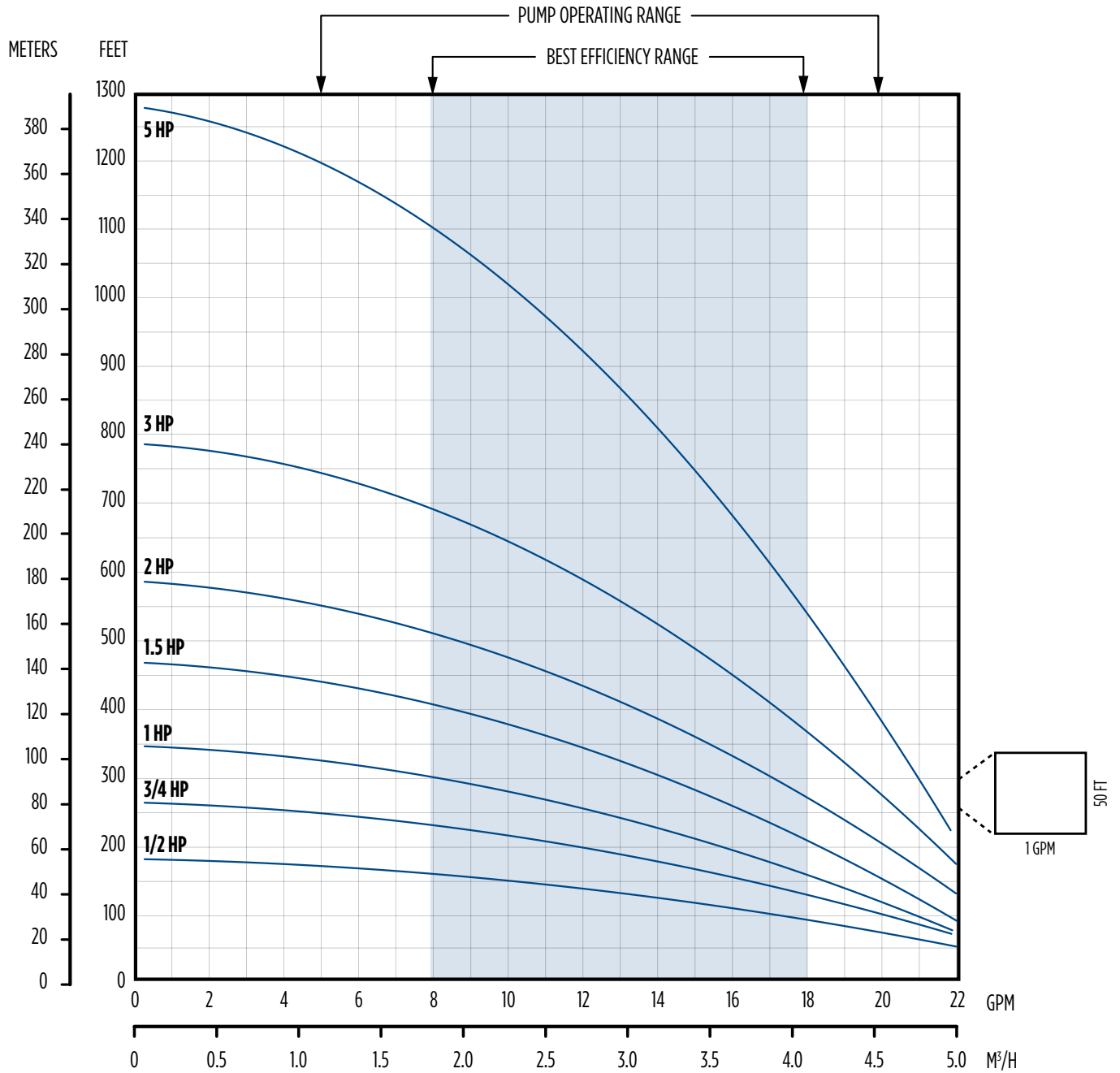
CAPACITIES (U.S. GPM) - 12 GPM

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																												Shut-off (ft)
		180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350		
3	0							14	13	13	13	12	11	10	9	8	7	6												1018
	10						14	14	13	13	12	11	11	10	9	8	7													
	20					14	14	13	13	12	12	11	10	9	8	7	6													
	30					14	14	13	12	12	12	11	10	9	8	7	6													
	40				14	14	13	13	12	11	11	10	9	8	7	6														
	50				14	14	13	12	12	11	11	10	9	8	7	6														
	60			14	14	13	13	12	11	11	10	9	8	7	6															
	70				14	13	13	12	12	11	10	10	9	8	7	6														
80	14	14	14	13	13	12	11	11	10	10	9	8	6																	
Shut-off PSI			363	354	337	319	302	285	268	250	233	224	203	181	159	138	116	94	73											
5	0								14	14	14	14	13	13	12	12	12	11	11	10	10	9	9	8	8	7	7	6	1620	
	10								14	14	14	14	13	13	12	12	11	11	11	10	10	9	9	8	7	7	6			
	20							14	14	14	14	13	13	12	12	12	11	11	10	10	9	9	8	8	7	7	6			
	30							14	14	14	14	13	13	12	12	12	11	11	10	10	9	9	8	8	7	6	6			
	40						14	14	14	13	13	13	12	12	11	11	10	10	9	9	8	8	7	7	6					
	50					14	14	14	14	13	13	13	12	12	12	11	11	10	10	9	9	8	8	7	6	6				
	60					14	14	14	14	13	13	13	12	12	11	11	10	10	9	9	8	8	7	7	6					
	70				14	14	14	14	13	13	13	12	12	12	11	11	10	10	9	9	8	8	7	7	6	6				
80				14	14	14	13	13	13	13	12	12	11	11	10	10	10	9	8	8	7	7	6							
Shut-off PSI					580	563	545	528	511	494	485	463	442	420	398	377	355	333	312	290	268	247	225	203	182	160	139	117		

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

FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 16 GPM





FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 16 GPM

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																														Shut-off (ft)
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	1000		
1/2	0					18	15	12	9																						167	
	10				17	15	12	8																								
	20			17	14	11	8																									
	30		16	14	11	7																										
	40	16	13	10																												
	50	13	10																													
	60	9																														
Shut-off PSI		72	64	55	46	38	29	20	12																							
3/4	0							17	16	14	12	10																			252	
	10						17	16	14	12	10																					
	20				18	17	15	14	12	9																						
	30			18	17	15	13	11	9																							
	40		18	17	15	13	11	9																								
	50	18	16	15	13	11	8																									
	60	16	14	12	10	8																										
	70	14	12	10																												
	80	12	10																													
Shut-off PSI		109	100	92	83	74	66	57	48	40	31	23																				
1	0								18	17	16	15	12	9																	336	
	10							18	17	16	15	13	10																			
	20						18	17	16	14	13	12	8																			
	30					18	17	15	14	13	11	10																				
	40				18	16	15	14	13	11	10	8																				
	50		18	17	16	15	14	12	11	9																						
	60	18	17	16	15	14	12	11	9																							
	70	17	16	15	13	12	10	9																								
	80	16	15	13	12	10	8																									
Shut-off PSI		145	137	128	119	111	102	94	85	76	68	59	42	24																		
1.5	0										18	16	15	13	10	8															458	
	10									18	18	17	15	13	11	9																
	20								18	18	17	16	14	12	10																	
	30							18	17	17	16	15	13	11	8																	
	40					18	17	17	16	15	14	12	10																			
	50				18	17	16	16	15	14	13	11	8																			
	60				18	17	16	15	15	14	13	12	9																			
	70			18	17	16	15	14	13	12	11	10																				
	80	18	18	17	16	15	14	13	12	11	10	9																				
Shut-off PSI		198	190	181	172	164	155	146	138	129	120	112	94	77	60	42	25															

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

FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 16 GPM

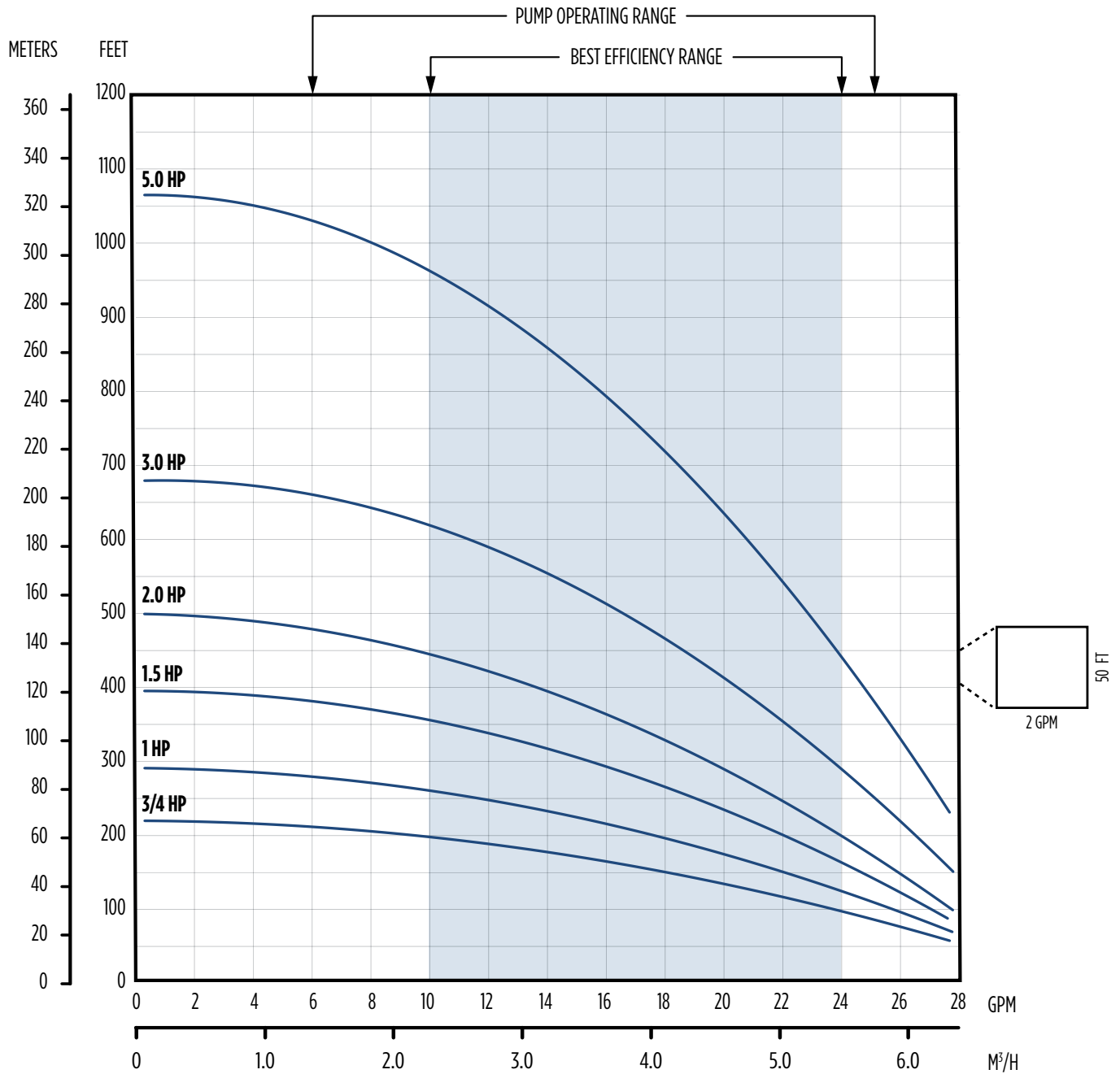
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																												Shut-off (ft)		
		40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	1000	1050		1100	
2	0											17	16	15	13	11	9	8														582
	10										18	17	15	14	12	10	8															
	20									18	17	16	14	13	11	9																
	30								18	18	16	15	13	12	10	8																
	40							18	18	17	16	14	13	11	9																	
	50						18	17	17	16	15	13	11	10																		
	60					18	17	17	16	15	14	12	10	8																		
	70				18	17	17	16	15	15	13	11	9																			
	80		18	18	17	17	16	15	14	14	12	10	8																			
Shut-off PSI			226	217	209	200	191	183	174	165	148	131	113	96	79	61	44	35														
3	0													18	17	16	15	14	13	11	10										786	
	10												18	17	16	15	14	14	12	11	9											
	20												18	17	16	15	14	13	12	10	8											
	30											18	17	16	15	14	13	12	11	9												
	40											18	17	16	15	14	12	12	10	8												
	50										18	17	16	15	14	13	12	11	9													
	60									18	18	17	16	14	13	12	11	10	8													
	70								18	18	17	16	15	14	13	11	10	9														
	80							18	18	17	16	15	14	13	12	11	9	8														
Shut-off PSI								271	262	254	236	219	202	184	167	150	132	124	102	81	59											
5	0																18	18	17	16	16	15	14	13	12	12	11	9	8		1290	
	10																18	18	18	17	16	15	15	14	13	12	11	10	9	8		
	20																18	18	17	17	16	15	14	13	13	12	11	9	8			
	30																18	18	18	17	16	15	15	14	13	12	11	10	9	8		
	40																18	18	17	17	16	15	14	13	13	12	11	10	8			
	50																18	18	17	17	16	16	15	14	13	12	11	10	9	8		
	60																18	17	17	17	16	15	14	14	13	12	11	10	8			
	70													18	18	17	17	16	16	15	14	13	12	11	10	9	8					
	80													18	18	17	17	16	16	15	14	14	13	12	11	10	9					
Shut-off PSI													420	403	385	368	351	342	320	299	277	255	234	212	190	169	147	126	104	82		

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



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 18 GPM



FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 18 GPM

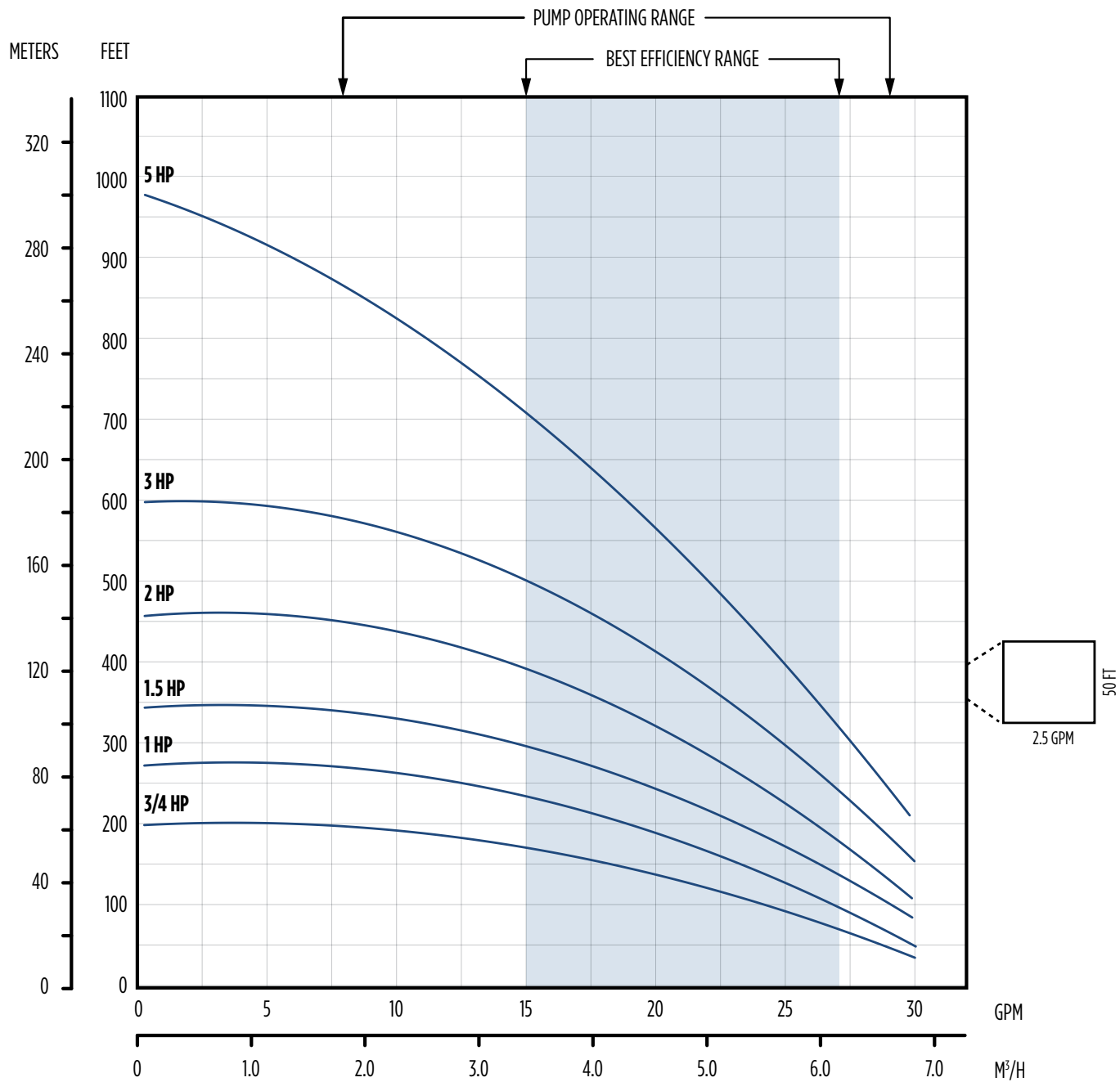
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																												
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	Shut-off (ft)
3/4	0					25	23	21	19	16	13																			216
	10				25	23	21	18	15	12																				
	20			25	23	20	18	15	11																					
	30		24	22	20	17	14	11																						
	40	24	22	20	17	14	10																							
	50	22	19	17	13																									
	60	19	16	13																										
	70	16	12																											
80	12																													
Shut-off PSI		94	85	76	68	59	50	42	33	24	16																			
1	0					27	25	24	22	21	19	17	12																	288
	10					25	24	22	21	19	17	15																		
	20				25	23	22	20	18	16	14	12																		
	30			25	23	22	20	18	16	14	11																			
	40		24	23	21	20	18	16	13	11																				
	50	24	23	21	19	18	15	13	10																					
	60	23	21	19	17	15	13																							
	70	21	19	17	15	12																								
80	19	17	14	12																										
Shut-off PSI		125	116	107	99	90	81	73	64	55	47	38	21																	
1.5	0								25	24	23	22	19	17	13															395
	10								25	24	23	22	20	18	15	11														
	20							25	24	22	21	20	19	16	13															
	30							25	24	22	21	20	19	17	14	10														
	40				25	24	23	22	21	20	19	17	16	12																
	50		25	24	23	22	21	20	18	17	15	14																		
	60	25	24	23	22	21	19	18	17	15	13	11																		
	70	24	23	22	20	19	18	16	15	13	11																			
80	23	21	20	19	18	16	15	13	11																					
Shut-off PSI		171	162	154	145	136	128	119	110	102	93	84	67	50	32															
2	0									25	24	22	20	18	16	13	10												499	
	10									25	24	23	21	19	17	14	12													
	20									25	24	23	23	22	20	18	16	13												
	30									25	24	23	22	22	21	19	17	14	11											
	40					25	24	23	22	21	21	20	18	15	12															
	50				25	24	23	22	21	20	19	18	16	14	10															
	60			25	24	23	22	21	20	19	18	17	15	12																
	70	25	24	24	23	22	21	20	19	18	17	16	13																	
80	24	24	23	22	21	20	19	18	17	16	14	11																		
Shut-off PSI		216	207	199	190	181	173	164	155	147	138	129	112	95	77	60	43	26												
3	0												25	24	23	22	20	19	17	16	14	11							686	
	10												25	23	22	21	19	18	16	15	13									
	20												25	24	23	21	20	19	17	15	14	11								
	30											25	24	23	22	21	19	18	16	14	13	10								
	40										25	24	24	23	21	20	18	17	15	13	12									
	50									25	24	24	23	22	20	19	17	16	14	11	10									
	60								25	24	24	23	22	21	20	18	16	15	12	10										
	70						25	24	23	23	22	22	20	19	17	15	13	11												
80				25	24	23	23	22	21	21	19	18	16	14	12															
Shut-off PSI					262	254	245	236	228	219	210	193	176	158	141	124	106	89	81	59	37									
5	0															25	24	23	23	22	21	20	18	17	16	14	12	10	1078	
	10															25	24	23	23	22	21	20	19	18	16	15	13	12		
	20															25	24	23	22	22	21	20	18	17	16	14	13	11		
	30														25	24	23	23	22	21	20	19	18	17	15	14	12	10		
	40												25	24	23	22	21	21	20	19	17	16	14	13	11					
	50											25	25	24	23	22	22	21	20	19	18	17	15	14	12	10				
	60										25	25	24	24	23	22	21	20	20	19	17	16	15	13	11					
	70									25	25	24	23	22	21	21	20	19	18	17	15	14	12	10						
80									25	24	23	23	22	21	20	19	19	17	16	15	13	11								
Shut-off PSI											380	363	345	328	311	294	276	259	250	229	207	185	164	142	120	99	77	55		

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



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 22 GPM



FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 22 GPM

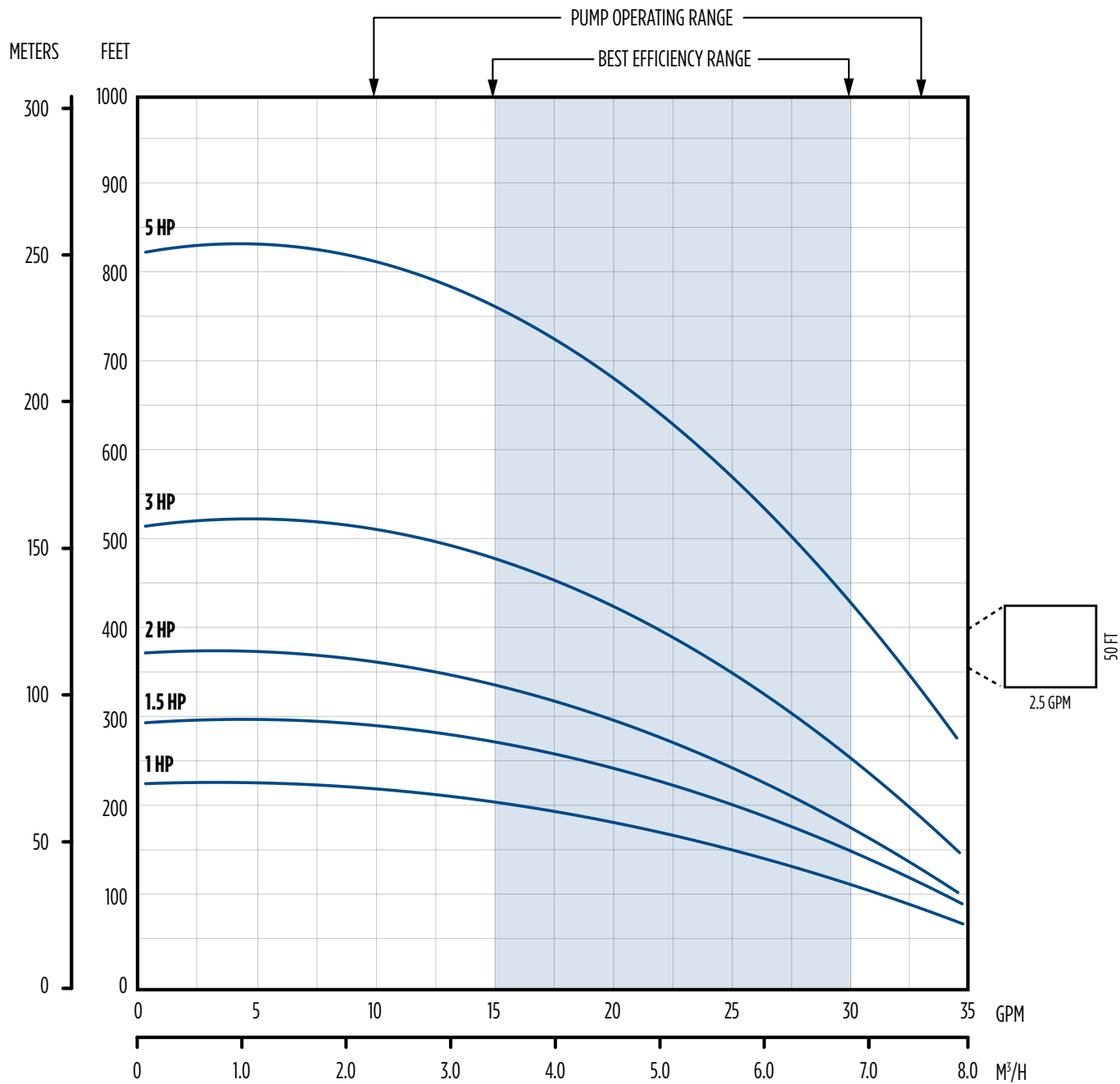
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																						
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	Shut-off (ft)	
3/4	0			28	27	25	23	21	18														186	
	10	30	28	26	25	23	20																	
	20	28	26	24	22	20																		
	30	26	24	22	19																			
	40	24	21	19																				
	50	21	19																					
60		18																						
Shut-off PSI		81	72	63	55	46	37	29	20															
1	0				29	27	26	25	23	21	20	18											260	
	10				28	27	26	24	23	21	19													
	20		28	27	26	24	23	21	19															
	30	28	27	25	24	22	21	19																
	40	26	25	24	22	20	18																	
	50	25	23	22	20	18																		
	60	23	22	20	18																			
	70	21	20																					
80		19																						
Shut-off PSI		113	104	95	87	78	69	61	52	43	35	26												
1.5	0					29	28	27	26	25	24	22	19										333	
	10					29	28	27	26	25	24	22	21											
	20				29	28	27	26	25	23	22	20	19											
	30		29	28	27	26	24	23	22	20	19													
	40	29	28	27	25	24	23	21	20	18														
	50	28	26	25	24	23	21	20	18															
	60	26	25	24	22	21	19	18																
	70	25	24	22	21	19																		
80		23	22	21	19																			
Shut-off PSI		144	135	127	118	110	101	92	84	75	66	58	40											
2	0							29	28	27	26	25	24	22	19								446	
	10							29	28	27	26	25	25	23	20	18								
	20				29	29	28	27	26	25	24	23	21	19										
	30			29	29	28	27	26	25	24	23	22	20											
	40		29	28	28	27	26	25	24	23	22	21	19											
	50	29	28	28	27	26	25	24	23	22	21	20												
	60	28	27	27	26	25	24	23	22	21	19	18												
	70	27	26	26	25	24	23	22	20	19	18													
80		26	25	24	24	22	21	20	19	18														
Shut-off PSI		193	184	176	167	158	150	141	132	124	115	106	89	72	55									
3	0									29	29	28	27	25	24	22	20	18					588	
	10									29	29	28	27	26	24	23	21	19						
	20							29	29	28	27	26	25	23	22	20	18							
	30						29	28	28	27	26	26	24	22	21	19	16							
	40					29	28	28	27	26	25	25	23	21	20	17								
	50				29	28	28	27	26	25	25	24	22	20	18									
	60		29	29	28	27	27	26	25	24	24	23	21	19										
	70	29	29	28	27	27	26	25	24	24	23	22	20	18										
80		29	28	27	27	26	25	24	23	23	22	21	19											
Shut-off PSI		255	246	237	229	220	211	203	194	185	177	168	151	133	116	99	81	64						
5	0												29	28	27	26	25	23	22		22	20	19	965
	10												29	28	27	26	25	24	23	22	21	19	18	
	20											29	29	28	27	26	24	23	22	21	20	19		
	30										29	29	28	27	26	25	24	23	21	20	20	18		
	40								29	28	28	27	26	25	24	23	22	21	19	19				
	50						29	28	28	27	27	26	25	24	22	21	20	19	18					
	60						29	28	28	27	27	26	25	24	23	22	21	19	18					
	70					29	28	28	27	27	26	26	25	23	22	21	20	19						
80					29	28	28	27	27	26	26	25	24	23	22	20	19	18						
Shut-off PSI					392	383	374	366	357	348	340	331	314	297	279	262	245	227	210	201	180	158		

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



FS SERIES SUBMERSIBLE PUMPS

PERFORMANCE - 26 GPM



FS SERIES SUBMERSIBLE PUMPS

CAPACITIES (U.S. GPM) - 26 GPM

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet																											
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	Shut-off (ft)			
1	0						31	29	26	23	20	15															221		
	10					31	28	26	23	19																			
	20				30	28	25	22	18																				
	30			30	27	25	22	18																					
	40		29	27	24	21	17																						
	50	29	27	24	20	16																							
	60	26	23	20																									
	70	23	19																										
	80	19																											
Shut-off PSI		96	87	78	70	61	52	44	35	26	18	9																	
1.5	0								30	29	27	25	20													289			
	10							30	28	27	24	22	16																
	20						30	28	26	24	22	19																	
	30					30	28	26	24	21	18	15																	
	40				29	28	26	23	21	18																			
	50			29	27	25	23	21	17																				
	60		29	27	25	23	20	17																					
	70	29	27	25	22	20	16																						
	80	26	24	22	19	16																							
Shut-off PSI		125	116	108	99	90	82	73	65	56	47	39	21																
2	0									31	29	28	25	21	17											368			
	10									29	28	26	23	19															
	20							30	29	28	26	24	21	16															
	30						30	29	27	26	24	22	18																
	40					30	29	27	26	24	22	20	15																
	50				30	28	27	25	24	22	20	17																	
	60			30	28	27	25	23	22	19	17																		
	70		29	28	26	25	23	21	19	17																			
	80	29	28	26	25	23	21	19	16																				
Shut-off PSI		159	151	142	133	125	116	107	99	90	81	73	55	38	21														
3	0											30	29	27	24	22	19									510			
	10											29	27	25	23	20	16												
	20										30	28	26	24	21	18													
	30									30	29	27	25	22	19	16													
	40									30	29	28	26	23	21	17													
	50									30	29	28	27	24	22	19	15												
	60									30	29	28	27	25	23	20	17												
	70					30	29	28	27	26	25	24	21	18															
	80				30	29	28	27	26	25	24	23	20	16															
Shut-off PSI					195	186	177	169	160	152	143	134	117	100	82	65	48	30											
5	0																30	28	28	26	24	21	19	16		818			
	10																30	29	27	27	25	23	20	18					
	20																29	28	27	26	24	22	19	16					
	30																30	29	27	26	25	23	21	18					
	40																30	29	28	26	25	24	22	19	16				
	50																30	28	27	25	24	23	21	18					
	60																30	29	28	26	25	23	22	20	17				
	70																29	28	27	25	24	22	21	18					
	80												30	29	27	26	24	23	21	20	17								
Shut-off PSI												250	233	216	198	181	164	146	138	116	94	73	51	29					

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

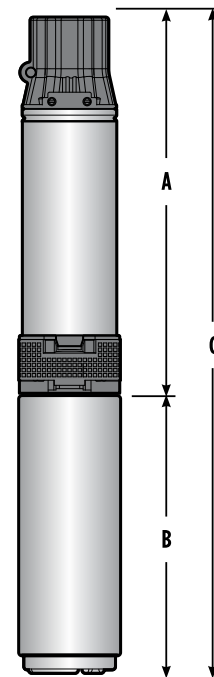


FS SERIES SUBMERSIBLE PUMPS

THERMOPLASTIC DIMENSIONS

GPM	HP	Stages	2-Wire						3-Wire					
			Dimensions (in)			WT. (lbs)			Dimensions (in)			WT. (lbs)		
			A	B	C	PE	PMA		A	B	C	PE	PMA	
5	1/2	8	13.98	9.51	23.49	8	26		13.98	9.51	23.49	8	26	
	3/4	12	17.67	10.64	28.31	9	30		17.67	10.64	28.31	9	30	
	1	15	20.14	11.73	31.87	10	34		20.14	11.73	31.87	10	34	
	1.5	21	25.06	15.10	40.16	12	43		25.06	13.60	38.66	12	43	
8	1/2	7	13.17	9.51	22.68	7	25		13.17	9.51	22.68	7	25	
	3/4	10	15.63	10.64	26.27	8	29		15.63	10.64	26.27	8	29	
	1	13	18.49	11.73	30.22	10	34		18.49	11.73	30.22	10	34	
	1.5	18	22.60	15.10	37.70	11	42		22.60	13.60	36.20	11	39	
10	1/2	7	13.17	9.51	22.68	7	25		13.17	9.51	22.68	7	26	
	3/4	10	15.63	10.64	26.27	8	29		15.63	10.64	26.27	8	29	
	1	13	18.49	11.73	30.22	9	33		18.49	11.73	30.22	9	33	
	1.5	17	22.60	15.10	37.70	10	41		21.78	13.60	35.38	10	38	
12	1/2	6	12.84	9.51	22.35	7	25		12.84	9.51	22.35	7	25	
	3/4	8	14.64	10.64	25.28	8	29		14.64	10.64	25.28	8	29	
	1	11	17.76	11.73	29.49	9	33		17.76	11.73	29.49	9	33	
	1.5	15	21.37	15.10	36.47	10	41		21.37	13.60	34.97	10	41	
16	1/2	4	11.23	9.51	20.74	6	24		11.23	9.51	20.74	6	24	
	3/4	6	12.94	10.64	23.58	7	28		12.94	10.64	23.58	7	28	
	1	9	15.55	11.73	27.28	8	32		15.55	11.73	27.28	8	32	
	1.5	11	17.76	15.10	32.86	9	40		17.76	13.60	31.36	9	40	
18	3/4	6	14.76	10.64	25.40	6	28		14.56	10.64	25.20	6	28	
	1	8	17.20	11.73	28.93	8	32		17.00	11.73	28.73	8	32	
	1.5	11	21.28	15.10	36.38	8	39		21.08	13.60	34.68	8	39	
22	3/4	5	13.53	10.64	24.17	6	28		13.33	10.64	23.97	6	28	
	1	7	15.98	11.73	27.71	8	32		15.78	11.73	27.51	8	32	
	1.5	10	19.65	15.10	34.75	8	39		19.45	13.60	33.05	8	39	
26	1	6	14.76	11.73	26.49	7	31		14.56	11.73	26.29	7	31	
	1.5	8	17.20	15.10	32.30	8	39		17.00	13.60	30.60	8	39	

NOTE: Maximum diameter with cable guard is 3.90"

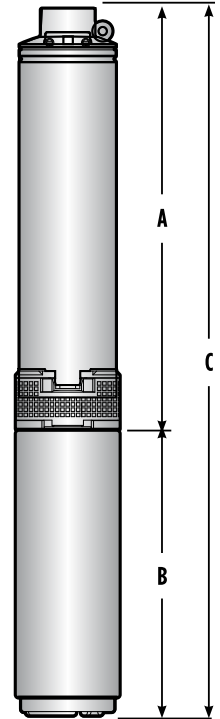


FS SERIES SUBMERSIBLE PUMPS

STAINLESS STEEL DIMENSIONS

GPM	HP	Stages	2-Wire					3-Wire				
			Dimensions (in)			WT. (lbs)		Dimensions (in)			WT. (lbs)	
			A	B	C	PE	PMA	A	B	C	PE	PMA
5	1/2	8	13.68	9.51	23.19	10	28	13.68	9.51	23.19	10	29
	3/4	12	16.94	10.64	27.58	12	33	16.94	10.64	27.58	12	33
	1	15	19.63	11.73	31.36	14	38	19.63	11.73	31.36	14	38
	1.5	21	24.55	15.10	39.65	17	48	24.55	13.60	38.15	17	45
	2	26	-	-	-	-	-	30.73	15.10	45.83	20	-
8	1/2	7	12.85	9.51	22.36	9	27	12.85	9.51	22.36	9	28
	3/4	10	15.32	10.64	25.96	11	32	15.32	10.64	25.96	11	32
	1	13	17.79	11.73	29.52	13	37	17.79	11.73	29.52	13	37
	1.5	18	22.09	15.10	37.19	15	46	22.09	13.60	35.69	15	43
	2	24	-	-	-	-	-	27.02	15.10	42.12	19	-
10	3	32	-	-	-	-	-	35.66	19.04	54.70	23	-
	1/2	7	12.86	9.51	22.37	7	25	12.86	9.51	22.37	9	28
	3/4	10	15.32	10.64	25.96	10	31	15.32	10.64	25.96	10	31
	1	13	17.79	11.73	29.52	11	35	17.79	11.73	29.52	11	35
	1.5	17	21.27	15.10	36.37	14	45	21.27	13.60	34.87	14	42
12	2	21	-	-	-	-	-	24.55	15.10	39.65	15	-
	3	28	-	-	-	-	-	32.38	19.04	51.42	16	-
	1/2	6	12.53	9.51	22.04	7	25	12.53	9.51	22.04	9	28
	3/4	8	14.34	10.64	24.98	10	31	14.34	10.64	24.98	10	31
	1	11	17.05	11.73	28.78	11	35	17.05	11.73	28.78	11	35
16	1.5	15	20.87	15.10	35.97	14	45	20.87	13.60	34.47	14	42
	2	18	-	-	-	-	-	25.65	15.10	40.75	15	-
	3	24	-	-	-	-	-	31.07	19.04	50.11	16	-
	5	39	-	-	-	-	-	44.63	29.19	73.82	23	-
	1/2	4	10.73	9.51	20.24	7	25	10.73	9.51	20.24	7	26
18	3/4	6	14.34	10.64	24.98	10	31	14.34	10.64	24.98	9	30
	1	9	15.24	11.73	26.97	11	35	15.24	11.73	26.97	11	35
	1.5	11	17.05	15.10	32.15	14	45	17.05	13.60	30.65	14	42
	2	14	-	-	-	-	-	19.76	15.10	34.86	13	-
	3	19	-	-	-	-	-	26.56	19.04	45.60	16	-
22	5	31	-	-	-	-	-	37.40	29.19	66.59	23	-
	3/4	6	14.45	10.64	25.09	10	31	14.45	10.64	25.09	9	30
	1	8	16.89	11.73	28.62	11	35	16.89	11.73	28.62	11	35
	1.5	11	20.56	15.10	35.66	14	45	20.56	13.60	34.16	14	42
	2	14	-	-	-	-	-	24.23	15.10	39.33	13	-
26	3	19	-	-	-	-	-	32.62	19.04	51.66	16	-
	5	30	-	-	-	-	-	46.06	29.19	75.25	23	-
	3/4	5	13.23	10.64	23.87	8	29	13.23	10.64	23.87	8	29
	1	7	15.67	11.73	27.40	9	33	15.67	11.73	27.40	9	33
	1.5	10	19.38	15.10	34.48	11	42	19.38	13.60	32.98	11	39
	2	12	-	-	-	-	-	21.78	15.10	36.88	12	-
	3	16	-	-	-	-	-	26.87	19.04	45.91	14	-
	5	26	-	-	-	-	-	41.17	29.19	70.36	20	-
	1	6	14.45	11.73	26.18	9	33	14.45	11.73	26.18	9	33
	1.5	8	16.89	15.10	31.99	10	41	16.89	13.60	30.49	10	41
	2	10	-	-	-	-	-	19.38	15.10	34.48	-	-
	3	14	-	-	-	-	-	24.23	19.04	43.27	-	-
	5	23	-	-	-	-	-	37.51	29.19	66.70	-	-

NOTE: Maximum diameter with cable guard is 3.90"







Franklin Electric

NOTES

