

## 4" SERIES V PUMPS

The standard 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. For details on how to become a registered dealer and receive a 5-year warranty, contact your local distributor.

### FEATURES

- Six 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



UL 778  
 CSA 108  
 NSF/ANSI 372  
 NSF/ANSI 61 (Pump end only)

## 4" SERIES V PUMPS - ORDERING INFORMATION

### THERMOPLASTIC ORDERING INFORMATION

GPM	HP	Stages	Volts	2-Wire			3-Wire			
				Model	Order No.	Motor	Model	Order No.	Motor	Control Box
5	1/2	8	115	5FV05P4-2W115	95400505	2445049004S	5FV05P4-3W115	95400530	2145049004S	2801044915
	1/2	8	230	5FV05P4-2W230	95400510	2445059004S	5FV05P4-3W230	95400535	2145059004S	2801054915
	3/4	12	230	5FV07P4-2W230	95400515	2445079004S	5FV07P4-3W230	95400540	2145079004S	2801074915
	1	15	230	5FV1P4-2W230	95400520	2445089003S	5FV1P4-3W230	95400545	2145089003S	2801084915
7	1.5	21	230	5FV15P4-2W230	95400525	2443099004S	5FV15P4-3W230	95400550	2243009203S	2823008110
	1/2	7	115	7FV05P4-2W115	95400705	2445049004S	7FV05P4-3W115	95400730	2145049004S	2801044915
	1/2	7	230	7FV05P4-2W230	95400710	2445059004S	7FV05P4-3W230	95400735	2145059004S	2801054915
	3/4	10	230	7FV07P4-2W230	95400715	2445079004S	7FV07P4-3W230	95400740	2145079004S	2801074915
10	1	13	230	7FV1P4-2W230	95400720	2445089003S	7FV1P4-3W230	95400745	2145089003S	2801084915
	1.5	18	230	7FV15P4-2W230	95400725	2443099004S	7FV15P4-3W230	95400750	2243009203S	2823008110
	1/2	6	115	10FV05P4-2W115	95401005	2445049004S	10FV05P4-3W115	95401030	2145049004S	2801044915
	1/2	6	230	10FV05P4-2W230	95401010	2445059004S	10FV05P4-3W230	95401035	2145059004S	2801054915
15	3/4	8	230	10FV07P4-2W230	95401015	2445079004S	10FV07P4-3W230	95401040	2145079004S	2801074915
	1	11	230	10FV1P4-2W230	95401020	2445089003S	10FV1P4-3W230	95401045	2145089003S	2801084915
	1.5	15	230	10FV15P4-2W230	95401025	2443099004S	10FV15P4-3W230	95401050	2243009203S	2823008110
	1/2	4	115	15FV05P4-2W115	95401505	2445049004S	15FV05P4-3W115	95401530	2145049004S	2801044915
20	1/2	4	230	15FV05P4-2W230	95401510	2445059004S	15FV05P4-3W230	95401535	2145059004S	2801054915
	3/4	6	230	15FV07P4-2W230	95401515	2445079004S	15FV07P4-3W230	95401540	2145079004S	2801074915
	1	8	230	15FV1P4-2W230	95401520	2445089003S	15FV1P4-3W230	95401545	2145089003S	2801084915
	1.5	11	230	15FV15P4-2W230	95401525	2443099004S	15FV15P4-3W230	95401550	2243009203S	2823008110
25	3/4	5	230	20FV07P4-2W230	95402015	2445079004S	20FV07P4-3W230	95402040	2145079004S	2801074915
	1	7	230	20FV1P4-2W230	95402020	2445089003S	20FV1P4-3W230	95402045	2145089003S	2801084915
	1.5	10	230	20FV15P4-2W230	95402025	2443099004S	20FV15P4-3W230	95402050	2243009203S	2823008110
25	1	6	230	25FV1P4-2W230	95402520	2445089003S	25FV1P4-3W230	95402545	2145089003S	2801084915
	1.5	8	230	25FV15P4-2W230	95402525	2443099004S	25FV15P4-3W230	95402550	2243009203S	2823008110

### STAINLESS STEEL ORDERING INFORMATION

GPM	HP	Stages	Volts	2-Wire			3-Wire			
				Model	Order No.	Motor	Model	Order No.	Motor	Control Box
5	1/2	8	115	5FV05S4-2W115	95420505	2445049004S	5FV05S4-3W115	95420530	2145049004S	2801044915
	1/2	8	230	5FV05S4-2W230	95420510	2445059004S	5FV05S4-3W230	95420535	2145059004S	2801054915
	3/4	12	230	5FV07S4-2W230	95420515	2445079004S	5FV07S4-3W230	95420540	2145079004S	2801074915
	1	15	230	5FV1S4-2W230	95420520	2445089003S	5FV1S4-3W230	95420545	2145089003S	2801084915
7	1.5	21	230	5FV15S4-2W230	95420525	2443099004S	5FV15S4-3W230	95420550	2243009203S	2823008110
	1/2	7	115	7FV05S4-2W115	95420705	2445049004S	7FV05S4-3W115	95420730	2145049004S	2801044915
	1/2	7	230	7FV05S4-2W230	95420710	2445059004S	7FV05S4-3W230	95420735	2145059004S	2801054915
	3/4	10	230	7FV07S4-2W230	95420715	2445079004S	7FV07S4-3W230	95420740	2145079004S	2801074915
10	1	13	230	7FV1S4-2W230	95420720	2445089003S	7FV1S4-3W230	95420745	2145089003S	2801084915
	1.5	18	230	7FV15S4-2W230	95420725	2443099004S	7FV15S4-3W230	95420750	2243009203S	2823008110
	1/2	6	115	10FV05S4-2W115	95421005	2445049004S	10FV05S4-3W115	95421030	2145049004S	2801044915
	1/2	6	230	10FV05S4-2W230	95421010	2445059004S	10FV05S4-3W230	95421035	2145059004S	2801054915
15	3/4	8	230	10FV07S4-2W230	95421015	2445079004S	10FV07S4-3W230	95421040	2145079004S	2801074915
	1	11	230	10FV1S4-2W230	95421020	2445089003S	10FV1S4-3W230	95421045	2145089003S	2801084915
	1.5	15	230	10FV15S4-2W230	95421025	2443099004S	10FV15S4-3W230	95421050	2243009203S	2823008110
	1/2	4	115	15FV05S4-2W115	95421505	2445049004S	15FV05S4-3W115	95421530	2145049004S	2801044915
20	1/2	4	230	15FV05S4-2W230	95421510	2445059004S	15FV05S4-3W230	95421535	2145059004S	2801054915
	3/4	6	230	15FV07S4-2W230	95421515	2445079004S	15FV07S4-3W230	95421540	2145079004S	2801074915
	1	8	230	15FV1S4-2W230	95421520	2445089003S	15FV1S4-3W230	95421545	2145089003S	2801084915
	1.5	11	230	15FV15S4-2W230	95421525	2443099004S	15FV15S4-3W230	95421550	2243009203S	2823008110
25	3/4	5	230	20FV07S4-2W230	95422015	2445079004S	20FV07S4-3W230	95422040	2145079004S	2801074915
	1	7	230	20FV1S4-2W230	95422020	2445089003S	20FV1S4-3W230	95422045	2145089003S	2801084915
	1.5	10	230	20FV15S4-2W230	95422025	2443099004S	20FV15S4-3W230	95422050	2243009203S	2823008110
25	1	6	230	25FV1S4-2W230	95422520	2445089003S	25FV1S4-3W230	95422545	2145089003S	2801084915
	1.5	8	230	25FV15S4-2W230	95422525	2443099004S	25FV15S4-3W230	95422550	2243009203S	2823008110

## 4" SERIES V PUMPS - ORDERING INFORMATION

### THERMOPLASTIC PUMP ENDS

GPM	HP	Stages	Model	Order No.
5	1/2	8	5FV05P4-PE	95410500
	3/4	12	5FV07P4-PE	95410501
	1	15	5FVIP4-PE	95410502
	1.5	21	5FV15P4-PE	95410503
7	1/2	7	7FV05P4-PE	95410700
	3/4	10	7FV07P4-PE	95410701
	1	13	7FVIP4-PE	95410702
	1.5	18	7FV15P4-PE	95410703
10	1/2	6	10FV05P4-PE	95411000
	3/4	8	10FV07P4-PE	95411001
	1	11	10FVIP4-PE	95411002
	1.5	15	10FV15P4-PE	95411003
15	1/2	4	15FV05P4-PE	95411500
	3/4	6	15FV07P4-PE	95411501
	1	9	15FVIP4-PE	95411502
	1.5	11	15FV15P4-PE	95411503
20	3/4	5	20FV07P4-PE	95412001
	1	7	20FVIP4-PE	95412002
	1.5	10	20FV15P4-PE	95412003
25	1	6	25FVIP4-PE	95412501
	1.5	8	25FV15P4-PE	95412502

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

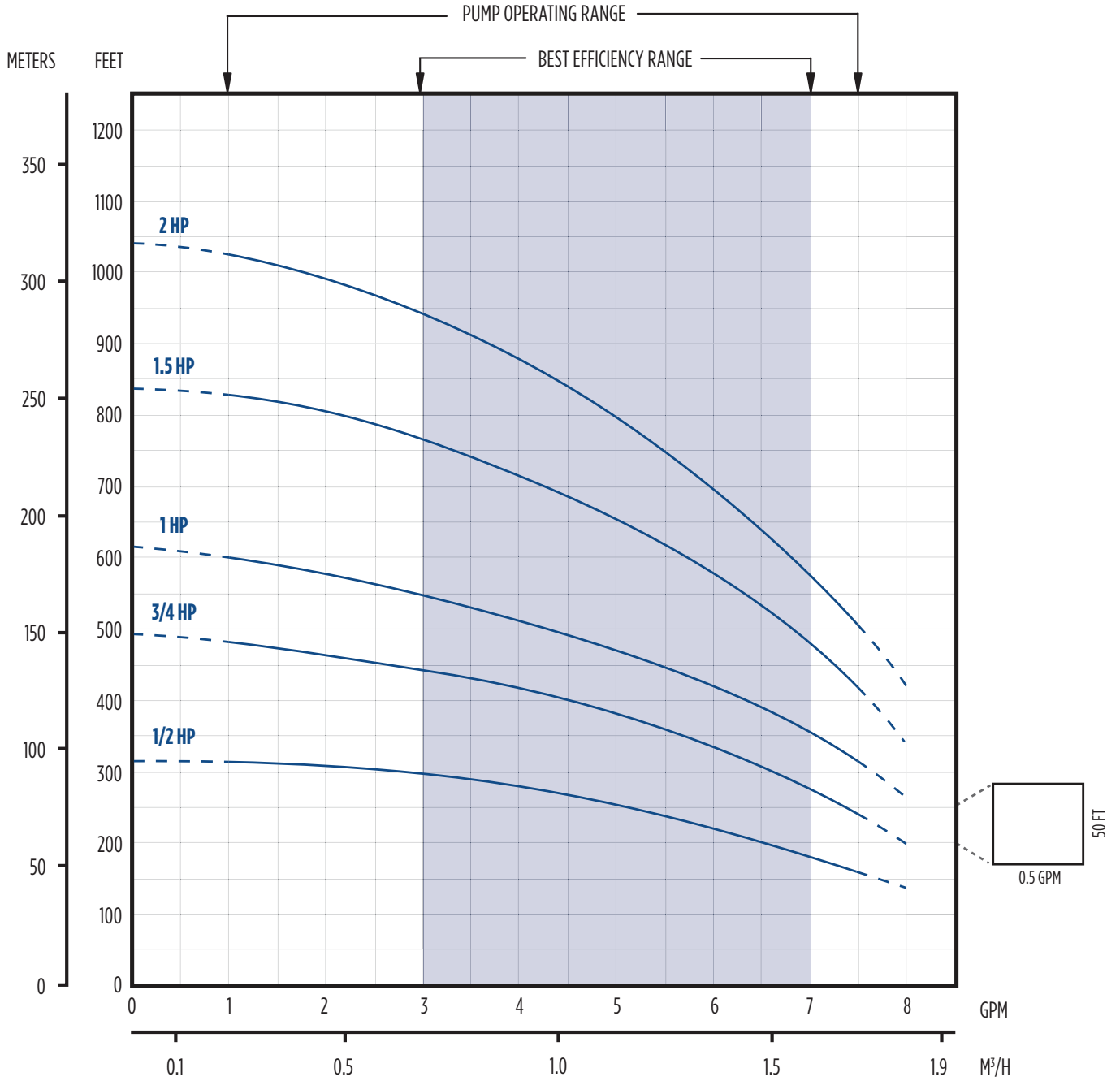
### STAINLESS STEEL PUMP ENDS

GPM	HP	Stg.	Model	Order No.
5	1/2	8	5FV05S4-PE	95430500
	3/4	12	5FV07S4-PE	95430501
	1	15	5FVIS4-PE	95430502
	1.5	21	5FV15S4-PE	95430503
	2	26	5FV2S4-PE	95430504
7	1/2	7	7FV05S4-PE	95430700
	3/4	10	7FV07S4-PE	95430701
	1	13	7FVIS4-PE	95430702
	1.5	18	7FV15S4-PE	95430703
	2	24	7FV2S4-PE	95430704
	3	32	7FV3S4-PE	95430705
	10	6	10FV05S4-PE	95431000
10	3/4	8	10FV07S4-PE	95431001
	1	11	10FVIS4-PE	95431002
	1.5	15	10FV15S4-PE	95431003
	2	18	10FV2S4-PE	95431004
	3	24	10FV3S4-PE	95431005
	5	39	10FV5S4-PE	95431006
	15	4	15FV05S4-PE	95431500
	3/4	6	15FV07S4-PE	95431501
	1	9	15FVIS4-PE	95431502
	1.5	11	15FV15S4-PE	95431503
15	2	14	15FV2S4-PE	95431504
	3	19	15FV3S4-PE	95431505
	5	31	15FV5S4-PE	95431506
	3/4	5	20FV07S4-PE	95432001
	1	7	20FVIS4-PE	95432002
	1.5	10	20FV15S4-PE	95432003
	2	12	20FV2S4-PE	95432004
	3	16	20FV3S4-PE	95432005
20	5	26	20FV5S4-PE	95432006
	1	6	25FVIS4-PE	95432501
	1.5	8	25FV15S4-PE	95432502
	2	10	25FV2S4-PE	95432503
	3	14	25FV3S4-PE	95432504
	5	23	25FV5S4-PE	95432505

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

### 4" SERIES V PUMPS - 5 GPM

#### PERFORMANCE



## 4" SERIES V PUMPS - 5 GPM

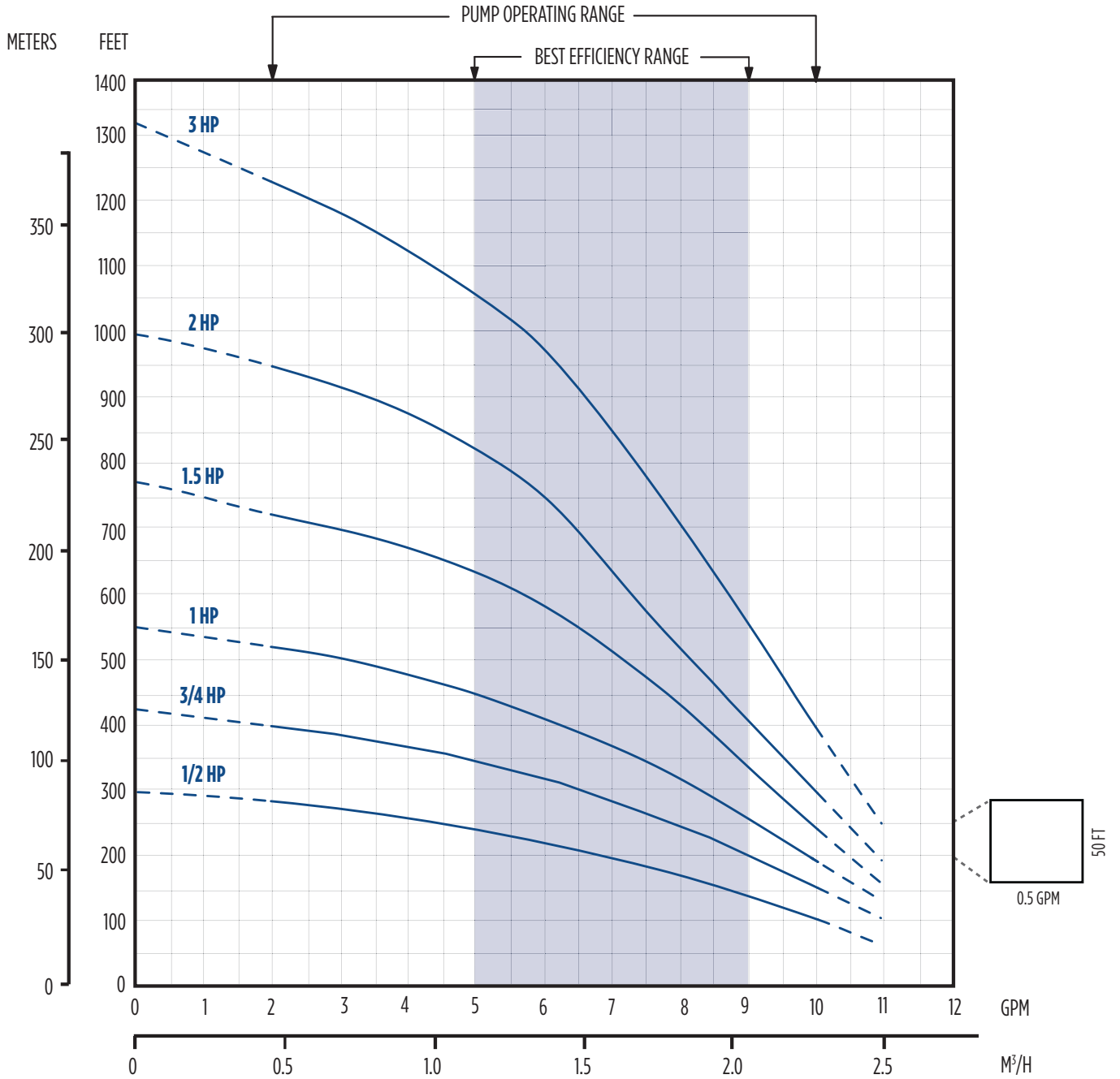
### PERFORMANCE

HP	PSI	Depth To Pumping Water Level (Lift) in Feet. Shaded Areas Indicate Most Efficient Performance																				Shut-Off (ft)				
		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												315	
	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								5495	
	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						615	
	20											7	7	7	6	5	4	3								
	30											7	7	7	6	5	5	3	2							
	40										7	7	7	7	6	5	4	3								
	50										7	7	7	7	6	6	4	3								
	60										7	7	7	7	6	6	5	4								
	80							7	7	7	6	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			835	
	20															7	7	7	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	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		1040	
	20																7	7	7	7	6	5	4	2		
	30																7	7	7	7	6	6	5	3		
	40																7	7	7	6	6	6	5	3		
	50																7	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: Performance shown does not include friction loss in the drop pipe. All performance data is based on rated motor nameplate voltage.

### 4" SERIES V PUMPS - 7 GPM

#### PERFORMANCE



## 4" SERIES V PUMPS - 7 GPM

### PERFORMANCE

HP	PSI	Depth To Pumping Water Level (Lift) in Feet. Shaded Areas Indicate Most Efficient Performance																				Shut-Off (ft)				
		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													
	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												
	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		421	412	404	395	386	378	369	360	352	343	326	317	300	274	257	239	222	213	170	127	84	40			
1	0					10	10	10	9	9	9	8	8	7	6	5	3	3								
	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	8	8	8	7	6	6	5	3												
	80	9	9	9	8	8	8	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	10	9	9	9	8	8	7	7	6	6	4	2						
	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	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	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	10	9	9	8	8	8	7	6	5	3				
	20						10	10	10	10	10	10	9	9	9	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	9	8	8	7	7	7	6	5	3				
	50				10	10	10	10	10	10	9	9	9	9	8	8	7	7	7	6	5	3				
	60			10	10	10	10	10	10	9	9	9	9	8	8	7	7	7	7	6	4					
	80	10	10	10	10	10	9	9	9	9	9	9	8	8	7	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			

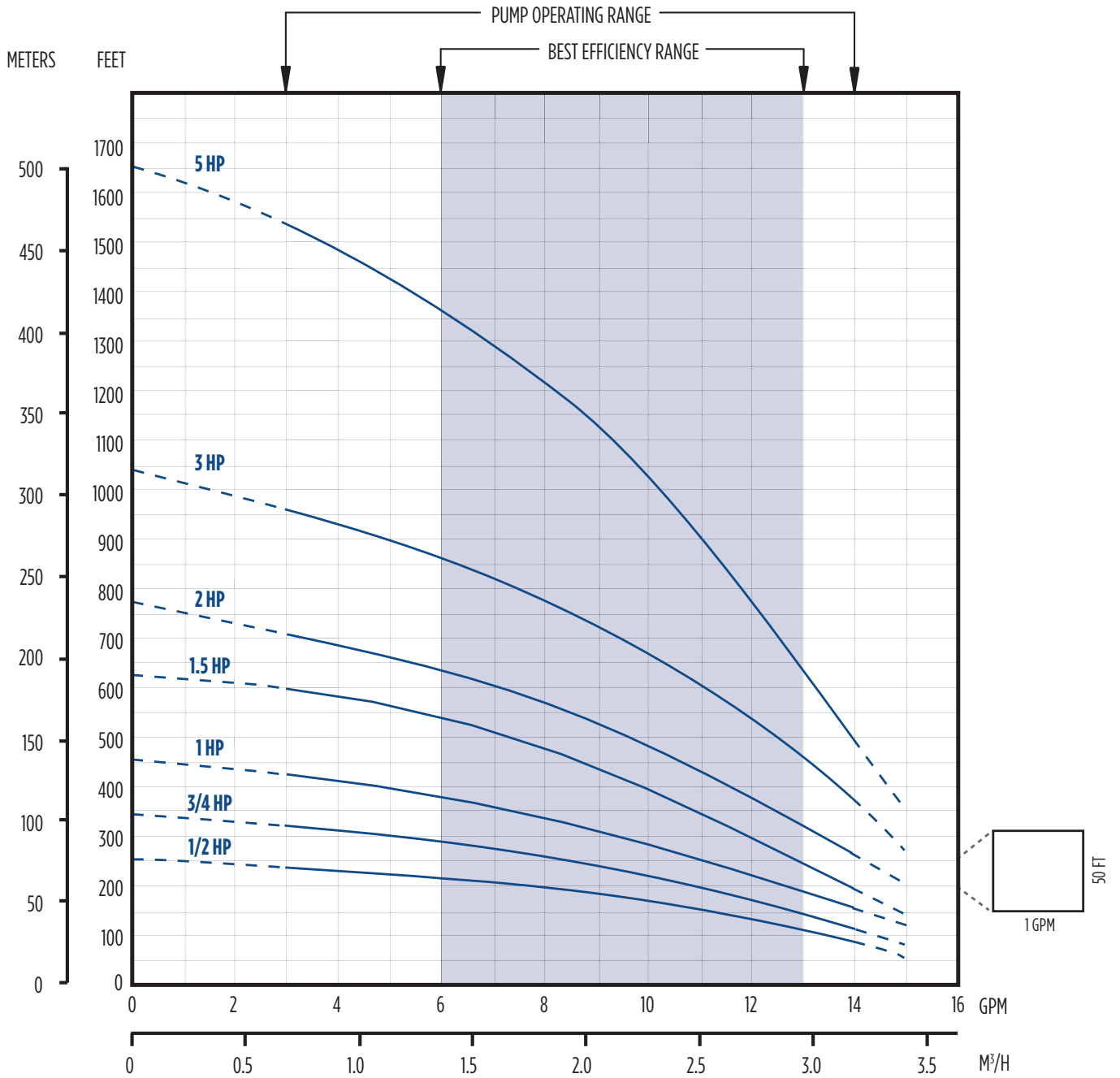
NOTES: Performance shown does not include friction loss in the drop pipe; All performance data is based on rated motor nameplate voltage

HP	PSI	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	Shut-Off (ft)
3	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					
	80	10	9	8	8	7	7	6	5	4	2					
Shut-off PSI		523	480	437	394	350	307	264	221	177	134	91	48			

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

### 4" SERIES V PUMPS - 10 GPM

#### PERFORMANCE





## 4" SERIES V PUMPS - 10 GPM

### PERFORMANCE

HP	PSI	Depth to Pumping Water Level (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				14	13	12	11	10	9	7														
	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												
	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	7	8	4												
	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	11	11	10	9	9	8	7						
	20							14	13	13	12	12	11	11	10	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	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	8	6					
	20										14	13	13	12	11	10	9	9	8	5					
	30										14	13	13	12	12	10	10	9	8	8	4				
	40										14	13	13	12	12	11	10	9	8	7	3				
	50							14	13	13	12	12	11	11	10	9	8	7	6						
	60					14	13	13	12	12	11	11	10	9	8	7	6	5							
80			14	13	13	13	12	12	12	11	11	10	9	8	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		
	20														14	13	13	12	12	10	8	6	3		
	30														14	14	13	13	12	11	10	8	5		
	40													14	14	13	13	12	12	11	11	9	7	4	
	50												14	14	14	13	12	12	11	11	10	9	7	4	
	60											14	14	14	13	13	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		

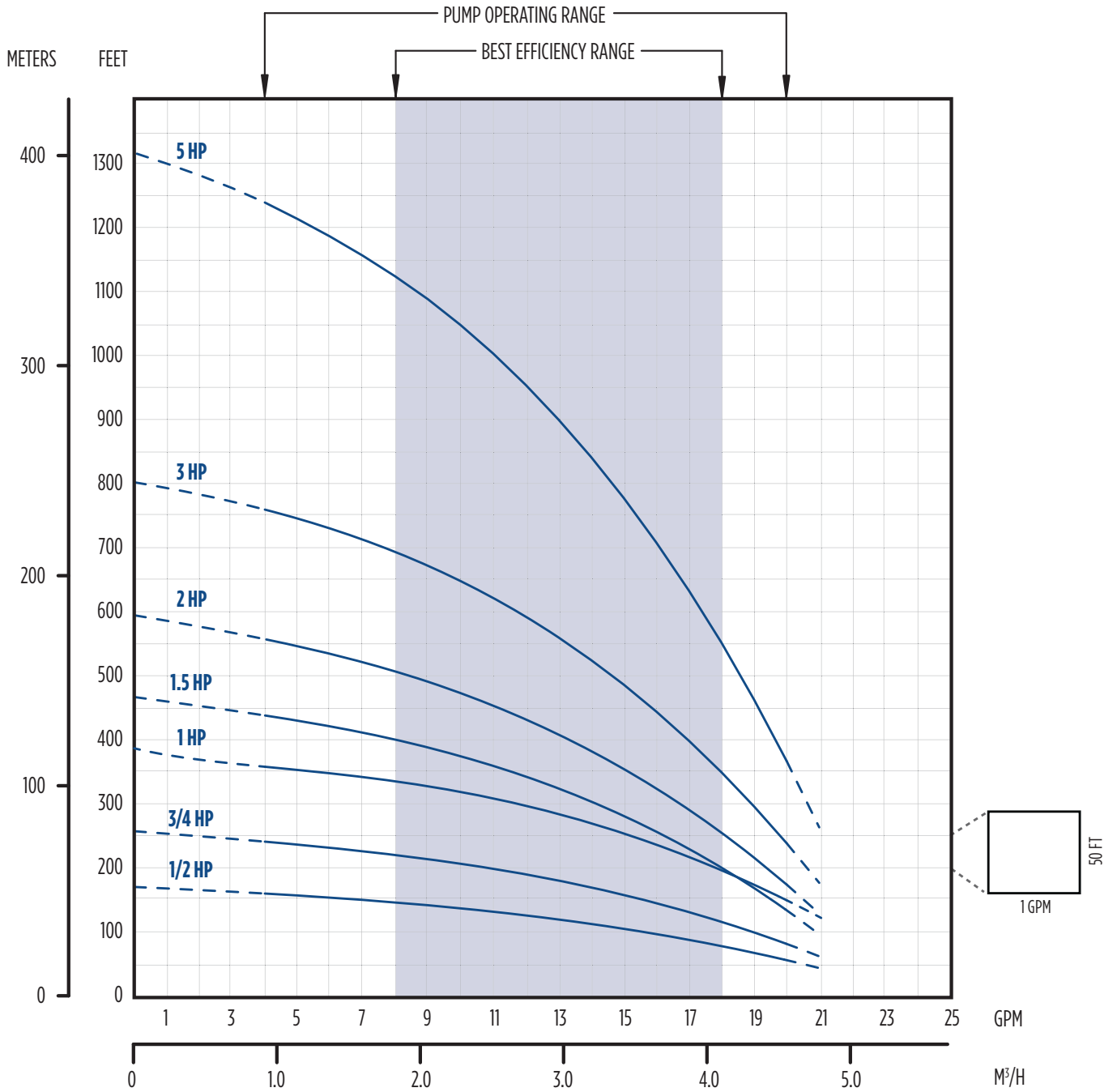
NOTES: Performance shown does not include friction loss in the drop pipe; All performance data is based on rated motor nameplate voltage

HP	PSI	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	Shut-Off (ft)
5	0				14	13	13	12	11	11	10	9	8	6	5	
	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	10	9	8	7	5	3		
Shut-off PSI		670	626	583	540	497	453	410	367	324	280	237	194	151	107	

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

### 4" SERIES V PUMPS - 15 GPM

#### PERFORMANCE



## 4" SERIES V PUMPS - 15 GPM

### PERFORMANCE

HP	PSI	Depth to Pumping Water Level (Lift) in Feet. Shaded Areas Indicate Most Efficient Performance.																								Shut-Off (ft)		
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000	1100		1200	
1/2	0			20	18	16	13	9	4																		170	
	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																	257	
	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																	

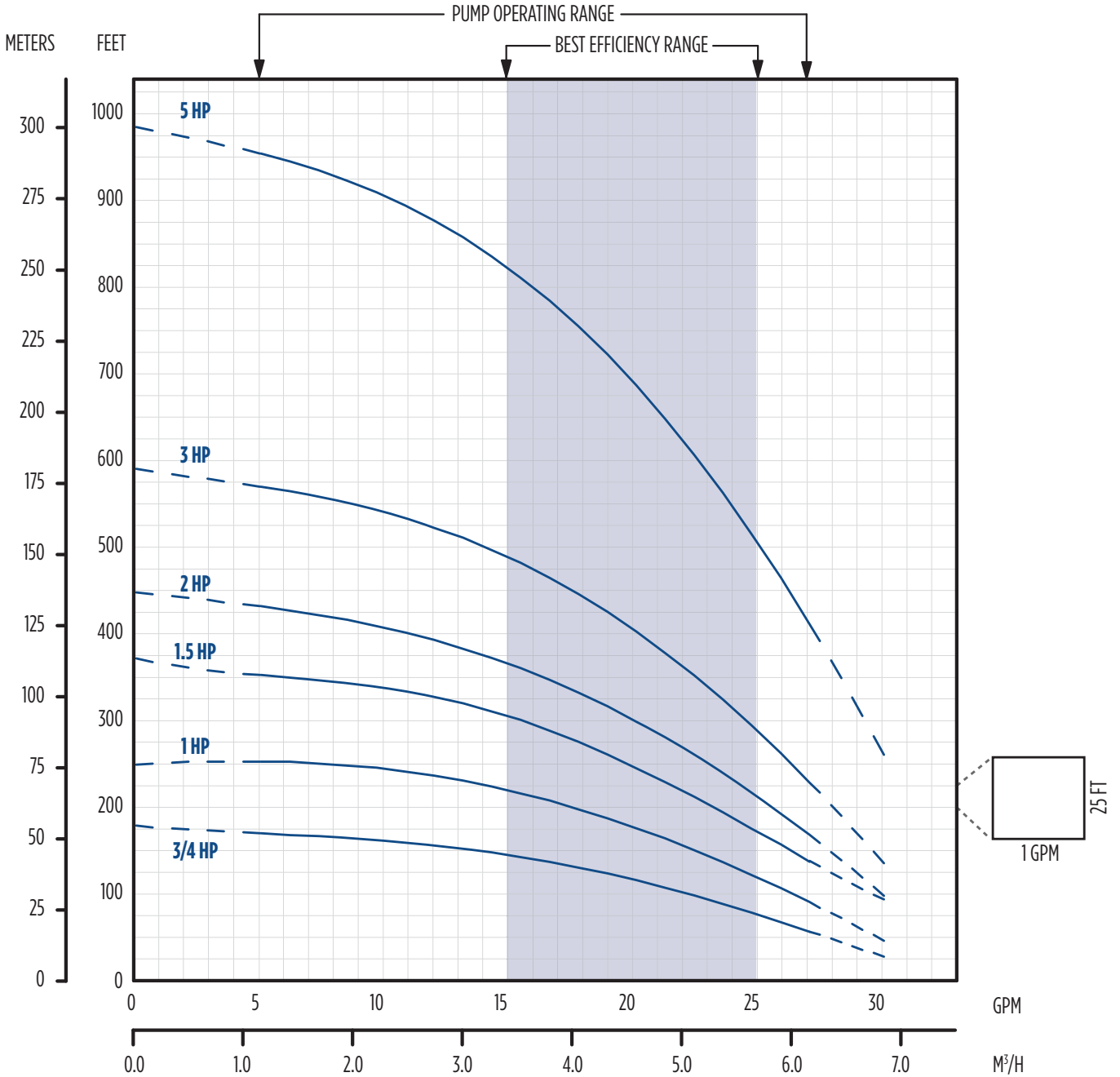
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet Shaded Areas Indicate Most Efficient Performance																								Shut-Off (ft)	
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200			
1	0													19	19	18	16	12	6								392
	10													19	18	17	14	9	2								
	20					20	19	18	18	17	16	12	6														
	30				20	19	18	18	17	16	14	10	3														
	40			20	19	18	17	17	15	14	12	7															
	50		20	19	18	17	16	15	14	12	10	3															
	60	20	19	18	17	16	15	14	12	10	7																
	70	19	18	17	16	15	13	11	9	7	4																
	80	18	17	16	15	13	11	9	6	4	1																
	90	17	16	14	13	11	9	6	3																		
	100	15	14	13	11	8	6	3																			
	110	14	12	10	8	5	2																				
	120	12	10	7	5	2																					
	130	9	7	4	1																						
	140	7	4	1																							
	150	3																									
Shut-off psi			153	144	135	127	118	109	101	92	83	62	40	18													

HP	PSI	Depth to Pumping Water Level (Lift) in Feet. Shaded Areas Indicate Most Efficient Performance.																								Shut-Off (ft)					
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000	1100		1200				
1.5	0						20	20	19	19	18	17	16	14	11	8	4										467				
	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	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													14	13	13	12	11	10	10	9	6				770					
	20													14	13	13	12	12	11	10	9	8	5								
	30													14	13	13	12	12	11	10	9	8	7	3							
	40													14	13	13	12	12	11	10	9	8	7	3							
	50													14	13	13	12	12	11	11	10	9	8	7	6						
	60					14	13	13	13	12	12	11	11	10	9	8	7	6	5												
	80			14	13	13	12	12	12	11	11	10	9	8	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													20	20	19	18	17	16	15	15	12	8			170					
	20													20	20	19	19	18	17	16	15	14	13	10	5						
	30													20	20	20	19	19	18	18	16	15	14	13	9						
	40													20	20	20	19	19	18	17	16	15	14	13	8						
	50													20	20	20	19	19	18	18	17	15	14	13	11		7				
	60					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	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	19	19	19	17	16	15	13	11	9	6	257			
	20															20	20	19	19	18	18	17	15	14	12	10	7		4		
	30															20	20	19	19	18	18	17	15	14	12	9	7				
	40															20	20	19	19	18	18	16	15	13	11	9	6				
	50															20	20	19	19	18	18	17	17	16	14	13	11		8	5	
	60															20	20	20	19	19	18	18	17	17	16	14	12		10	8	4
	80															20	20	20	19	19	18	18	17	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: Performance shown does not include friction loss in the drop pipe; All performance data is based on rated motor nameplate voltage

# 4" SERIES V PUMPS - 20 GPM

## PERFORMANCE



## 4" SERIES V PUMPS - 20 GPM

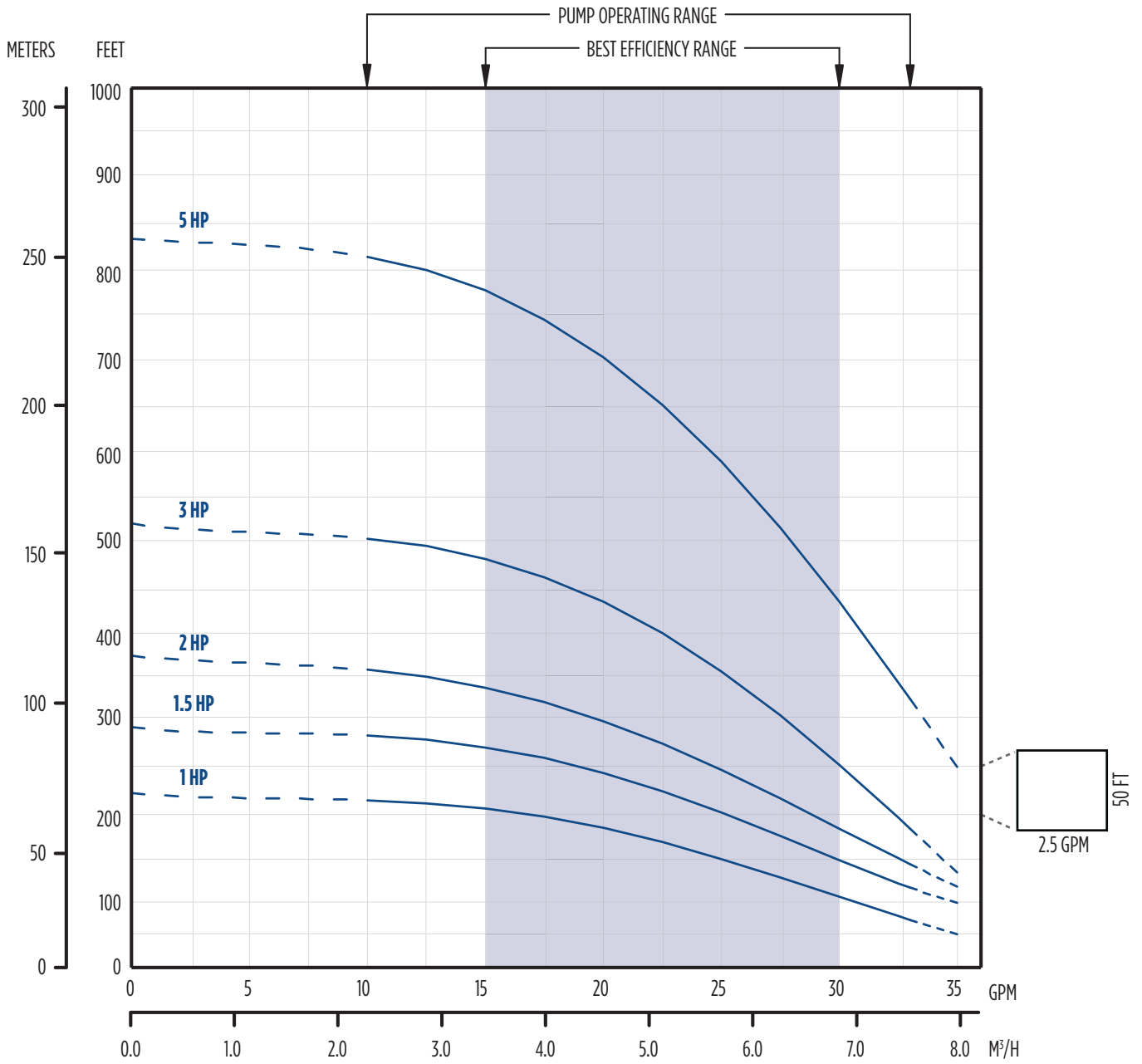
### PERFORMANCE

HP	PSI	Depth to Pumping Water Level (Lift) in Feet. Shaded Areas Indicate Most Efficient Performance.																				Shut-Off (ft)			
		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																190
	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												251	
	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									379	
	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								453		
	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					601		
	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			770		
	20																24	21	18	13					
	30																24	23	20	17	11				
	40															24	23	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: Performance shown does not include friction loss in the drop pipe; All performance data is based on rated motor nameplate voltage

# 4" SERIES V PUMPS - 25 GPM

## PERFORMANCE



## 4" SERIES V PUMPS - 25 GPM

### PERFORMANCE

HP	PSI	Depth to Pumping Water Level (Lift) in Feet. Shaded Areas Indicate Most Efficient Performance.																				Shut-Off (ft)			
		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														222
	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													297	
	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																		
80	24	22	20	17																					
Shut-off PSI		120	111	103	94	85	77	68	59	51	42	25	16												
2	0				34	33	31	29	28	26	25	24	20											375	
	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															
80	28	26	25	23	21	20	17																		
Shut-off PSI		154	145	136	128	119	110	102	93	84	76	58	50	32											
3	0						33	32	32	31	30	29	28	24	22	19	15							519	
	20						33	32	32	31	30	28	27	25	22	19									
	30					33	32	32	31	30	29	28	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											
80	32	31	30	29	28	27	26	25	24	23	20	19	15												
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				833	
	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	23	22	18				
80					33	33	32	31	31	30	29	28	26	25	23	21	20								
Shut-off PSI		352	343	326	317	309	300	291	283	274	257	248	231	205	187	170	153	144	101	58					

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

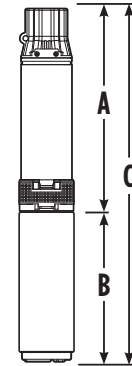
## 4" SERIES V PUMPS - DIMENSIONS

### THERMOPLASTIC

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	14.12	9.51	23.63	8	26	14.12	9.51	23.63	8	26
	3/4	12	17.41	10.64	28.05	9	30	17.41	10.64	28.05	9	30
	1	15	19.87	11.73	31.60	10	34	19.87	11.73	31.60	10	34
	1.5	21	24.81	15.10	39.91	12	43	24.81	13.60	38.41	12	40
7	1/2	7	13.30	9.51	22.81	7	25	13.30	9.51	22.81	7	26
	3/4	10	15.76	10.64	26.40	8	29	15.76	10.64	26.40	8	29
	1	13	18.23	11.73	29.96	10	34	18.23	11.73	29.96	10	34
10	1.5	18	22.34	15.10	37.44	11	42	22.34	13.60	35.94	11	39
	1/2	6	12.97	9.51	22.48	7	25	12.97	9.51	22.48	7	26
	3/4	8	14.69	10.64	25.33	8	29	14.69	10.64	25.33	8	29
15	1	11	17.44	11.73	29.17	9	33	17.44	11.73	29.17	9	33
	1.5	15	21.06	15.10	36.16	10	41	21.06	13.60	34.66	10	38
	1/2	4	11.45	9.51	20.96	6	24	11.45	9.51	20.96	6	25
20	3/4	6	12.97	10.64	23.61	7	28	12.97	10.64	23.61	7	28
	1	8	14.69	11.73	26.42	8	32	14.69	11.73	26.42	8	32
	1.5	11	17.44	15.10	32.54	9	40	17.44	13.60	31.04	9	37
25	3/4	5	13.65	10.64	24.29	6	28	13.65	10.64	24.29	6	28
	1	7	16.10	11.73	26.42	8	32	16.10	11.73	27.83	7	31
	1.5	10	19.77	15.10	34.87	8	39	19.77	13.60	33.37	8	36
25	1	6	14.88	11.73	26.61	7	31	14.88	11.73	26.61	7	31
	1.5	8	17.32	15.10	32.42	8	39	17.32	15.10	30.92	8	36

NOTES: PE = Pump end only; PMA = Pump and motor assembly; Maximum diameter with cable guard is 3.90"

Thermoplastic



### STAINLESS STEEL

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	13.57	9.51	23.08	10	28	13.57	9.51	23.08	10	29
	3/4	12	16.86	10.64	27.50	12	33	16.86	10.64	27.50	12	33
	1	15	19.33	11.73	31.06	14	38	19.33	11.73	31.06	14	38
	1.5	21	24.26	15.10	39.36	17	48	24.26	13.60	37.86	17	45
	2	26	-	-	-	-	-	30.46	15.10	45.56	20	-
7	1/2	7	12.75	9.51	22.26	9	27	12.75	9.51	22.26	9	28
	3/4	10	15.22	10.64	25.86	11	32	15.22	10.64	25.86	11	32
	1	13	17.68	11.73	29.41	13	37	17.68	11.73	29.41	13	37
	1.5	18	21.80	15.10	36.90	15	46	21.80	13.60	35.40	15	43
	2	24	-	-	-	-	-	26.73	15.10	41.83	19	-
10	3	32	-	-	-	-	-	35.39	19.04	54.43	23	-
	1/2	6	12.39	9.51	21.90	7	25	12.39	9.51	21.90	9	28
	3/4	8	14.14	10.64	24.78	10	31	14.14	10.64	24.78	10	31
	1	11	16.85	11.73	28.58	11	35	16.85	11.73	28.58	11	35
	1.5	15	20.48	15.10	35.58	14	45	20.48	13.60	34.08	14	42
	2	18	-	-	-	-	-	25.26	15.10	40.36	15	-
15	3	19	-	-	-	-	-	26.17	19.04	45.21	16	-
	5	31	-	-	-	-	-	37.00	29.19	66.19	23	-
	1/2	4	10.64	9.51	20.15	7	25	10.64	9.51	20.15	7	26
	3/4	6	12.39	10.64	23.03	9	30	12.39	10.64	23.03	9	30
	1	8	14.14	11.73	25.87	10	34	14.14	11.73	25.87	10	34
20	1.5	11	16.85	15.10	31.95	11	42	16.85	13.60	30.45	11	39
	2	14	-	-	-	-	-	19.57	15.10	34.67	13	-
	3	19	-	-	-	-	-	26.17	19.04	45.21	16	-
	5	31	-	-	-	-	-	37.00	29.19	66.19	23	-
	3/4	5	13.10	10.64	23.74	8	29	13.10	10.64	23.74	8	29
	1	7	15.55	11.73	27.28	9	33	15.55	11.73	27.28	9	33
25	1.5	10	19.22	15.10	34.32	11	42	19.22	13.60	32.82	11	39
	2	12	-	-	-	-	-	21.66	15.10	36.76	12	-
	3	16	-	-	-	-	-	26.55	19.04	45.59	14	-
	5	26	-	-	-	-	-	40.86	29.19	70.05	20	-
	7.5	39	-	-	-	-	-	60.77	29.60	90.37	27	-
	10	52	-	-	-	-	-	76.66	32.60	109.26	35	-
25	1	6	14.33	11.73	26.06	9	33	14.33	11.73	26.06	9	33
	1.5	8	16.77	15.10	31.87	10	41	16.77	13.60	30.37	10	38
	2	10	-	-	-	-	-	19.22	15.10	34.32	11	-
	3	14	-	-	-	-	-	24.11	19.04	43.15	13	-
	5	23	-	-	-	-	-	37.19	28.19	66.38	18	-
	7.5	35	-	-	-	-	-	55.88	29.60	85.48	25	-
10	44	-	-	-	-	-	66.88	32.60	99.48	30	-	

NOTES: PE = Pump end only; PMA = Pump and motor assembly; Maximum diameter with cable guard is 3.90"

Stainless Steel

