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Enduro

Stainless Steel



RED JACKET
Water Products

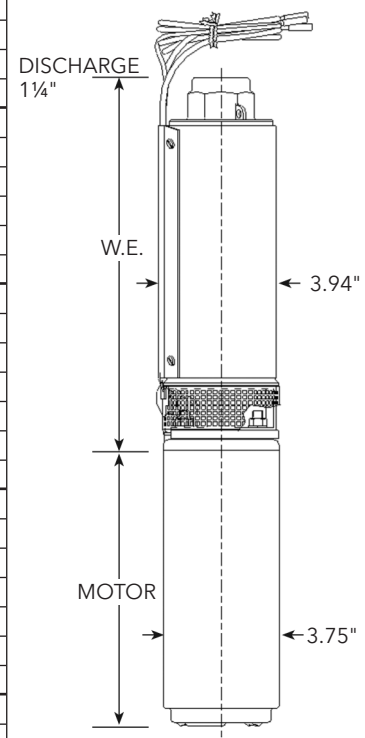
a xylem brand

FEATURES

- Utilizes an internal spring-loaded check valve design.
- Pump casing and cable guard constructed of heavy gauge 300-series corrosion resistant stainless steel.
- Stainless steel discharge head and motor adapter for maximum strength and corrosion resistance.
- Powered by CentriPro submersible motors. Available in 2-wire and 3-wire single-phase and three-phase models.
- Discharge head, casing and motor adapter have left-hand threads.
- Pump and motor assembly are corrosion resistant.
- Noryl® Impeller-diffuser assemblies are mounted on a 303 stainless steel hex shaft for positive drive.
- Noryl®-stage components (impellers/diffusers) are permanently bonded by a reliable, ultrasonic welding process.

ENDURO WATER END LENGTHS AND WEIGHTS

Order Number	Required HP	Stages	Length (in.)	Weight (lbs.)
6S17	½	17	22.1	13
6S21	¾	21	26.7	14
6S25	1	25	30.3	17
6S32	1½	32	36.6	20
8S12	½	12	17.2	11
8S16	¾	16	20.8	12
8S21	1	21	26.0	14
8S25	1½	25	29.6	17
8S30	2	30	34.0	21
8S43	3	43	46.4	34
12S8	½	8	13.8	9
12S9	½	9	14.7	10
12S12	¾	12	17.5	11
12S14	1	14	19.3	12
12S18	1½	18	23.7	13
12S23	2	23	28.3	17
12S32	3	32	36.6	22
20S5	½	5	11.0	8
20S6	¾	6	12.0	8
20S8	1	8	13.8	8
20S11	1½	11	16.6	9
20S14	2	14	19.3	13
20S19	3	19	24.6	15
20S30	5	30	34.7	25
25S7	1	7	14.2	8
25S10	1½	10	17.6	9
25S12	2	12	19.8	10
25S17	3	17	26.0	15
25S28	5	28	38.3	23



NOTE: To order a complete pump and motor assembly combine the motor order number followed by the pump water end order number.

EXAMPLE: a 50C3116S17 = a 1/2 HP, 230V, 3-wire CentriPro motor on a 6S17 water end.

NOTE: Complete single phase pumps and motors are sold up to 1½ HP. All three phase and 2 HP and larger single phase pumps are sold only as water ends or motors.

Water Pumps from Red Jacket are the natural choice of well drillers, pump installers and home owners alike. Built on over a century of engineering excellence, the name Red Jacket has become synonymous with quality for generations of customers who enjoy well water. The Enduro submersible pump is no exception. Rugged and reliable, the Enduro is designed to exceed performance requirements in the most demanding applications. Whether your needs are home, farm or industrial, choose the Red Jacket pump generations have come to count on.

CENTRIPRO 4" SINGLE-PHASE MOTORS

Red Jacket No.	Type	HP	Volts	Length in. (mm)	Weight lb. (kg.)
50C201	2-wire PSC	.5	115	11.0 (279)	19.2 (8.7)
50C211		.5	230	11.0 (279)	19.2 (8.7)
75C211		.75		12.4 (314)	22.7 (10.3)
100C211		1		13.3 (337)	24.5 (11.1)
150C211		1.5		14.9 (378)	28.9 (13.1)
50C301	3-wire	.5	115	10.0 (253)	18.9 (8.6)
50C311		.5	230	9.7 (246)	18.1 (8.2)
75C311		.75		10.8 (275)	21.4 (9.7)
100C311		1		11.7 (297)	23.1 (10.5)
150C311		1.5		13.6 (345)	27.4 (12.4)
200C311		2		15.1 (383)	31.0 (14.1)
300C311		3		18.3 (466)	40.0 (18.1)
500C311		5		27.7 (703)	70.0 (31.8)

CENTRIPRO 4" THREE-PHASE MOTORS

Order No.	HP	Volts	Length In. (mm)	Weight Lb. (kg.)
100C313	1	230	11.7 (297)	23.1 (10.5)
150C313	1.5		11.7 (297)	23.1 (10.5)
200C313	2		13.8 (351)	27.4 (12.4)
300C313	3		15.3 (389)	32 (14.5)
500C313	5		21.7 (550)	55 (24.9)
100C353	1	460	11.7 (297)	23.1 (10.5)
150C353	1.5		11.7 (297)	23.1 (10.5)
200C353	2		13.8 (351)	27.4 (12.4)
300C353	3		15.3 (389)	32 (14.5)
500C353	5		21.7 (550)	55 (24.9)

NOTE: 200 V (suffix 323) and 575 V (suffix 363) motors will be available in Q2, 2009. Call factory for availability.

SPECIFICATIONS

Model	Flow Range GPM	Horsepower Range	Best Eff. GPM	Discharge Connection	Min. Well Size	Rotation ^①
6S	1.2 - 8.5	1/2 - 1 1/2	5	1 1/4"	4 "	CCW
8S	1.5 - 10	1/2 - 3	7	1 1/4"	4 "	CCW
12S	3 - 13	1/2 - 3	10	1 1/4"	4 "	CCW
20S	6 - 25	1/2 - 5	18	1 1/4"	4 "	CCW
25S	8 - 31	1 - 5	22	1 1/4"	4 "	CCW

^① Rotation is counterclockwise when viewed from pump discharge end

NEMA MOTOR

- Corrosion resistant stainless steel construction.
- Built-in surge arrestor is provided on single phase motors through 5 HP.
- Stainless steel splined shaft.
- Hermetically sealed windings.
- Replaceable motor lead assembly.
- NEMA mounting dimensions.
- Control box is required with 3 wire single phase units.
- Three phase motors require a magnetic starter with Class 10 overload protection.

AGENCY LISTINGS



Pump / Water End and CentriPro Motor - tested to UL778 and CAN 22.2 by CSA International (Canadian Standards Association)



Pump/Water End - Drinking Water System Components - Certified to NSF/ANSI 61, Annex G



CentriPro Motor - Certified to NSF/ANSI 61, Annex G, Drinking Water System Components 4P49



NSF/ANSI 372 - Drinking Water System Components - Lead Content

CLASS 6853 01 - Low Lead Content Certification Program - - Plumbing Products

½ HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor	½ HP					½ HP					½ HP					½ HP					½ HP				
Pump End	6S17					8S12					12S8					12S9					20S5				
Discharge Pressure	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#
0																									
20			7.8	7.4	7.0		10.1	9.6	9.0	8.6	13.9	13.2	12.4	11.5	10.2	14.1	13.7	13.1	12.1	10.9	21.6	19.5	16.8	13.6	7.4
40		7.9	7.5	7.0	6.6	10.1	9.7	9.1	8.6	8.2	13.3	12.5	11.6	10.4	8.8	13.8	13.2	12.3	11.1	9.8	19.8	17.2	14.1	8.7	
60		7.5	7.1	6.7	6.2	9.8	9.2	8.7	8.3	7.7	12.6	11.7	10.6	9.0	7.3	13.3	12.4	11.3	10.0	8.7	17.5	14.6	9.8		
80		7.2	6.7	6.3	5.8	9.2	8.7	8.3	7.8	7.1	11.9	10.7	9.2	7.6	5.5	12.5	11.4	10.1	8.9	7.5	15.0	10.7			
100	7.2	6.8	6.3	5.7	5.4	8.8	8.4	7.9	7.2	6.3	10.9	9.4	7.8	5.9		11.6	10.3	9.0	7.7	5.8	11.5				
120	6.8	6.4	6.0	5.5	5.0	8.4	8.0	7.3	6.4	5.3	9.6	8.0	6.2			10.5	9.2	7.9	6.1	2.7					
140	6.5	6.0	5.5	5.0	4.5	8.1	7.4	6.5	5.6	4.7	8.2	6.5	3.1			9.4	8.1	6.4	3.4						
160	6.1	5.6	5.1	4.6	4.0	7.5	6.7	5.7	4.8	3.6	6.8	3.8				8.2	6.7	3.9							
180	5.7	5.2	4.7	4.1	3.4	6.8	5.9	4.9	3.8		4.4					6.9	4.4								
200	5.3	4.7	4.2	3.5	2.8	6.0	5.1	4.0	1.8							4.9									
220	4.8	4.2	3.6	2.9	2.0	5.2	4.2	2.3																	
240	4.3	3.7	3.0	2.1	1.2	4.3	2.6																		
260	3.8	3.1	2.3	1.3		3.0																			
280	3.2	2.4	1.5																						
300	2.5	1.0																							
320	1.7																								
Shutoff PSI	175					143					104					115					71				
Best Eff.	5 GPM					7 GPM					10 GPM					10 GPM					18 GPM				

¾ HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor	¾ HP					¾ HP					¾ HP					¾ HP									
Pump End	6S21					8S16					12S12					20S6									
Discharge Pressure	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#
0																									
20				8.0	7.7	9.9	9.6	9.4	9.2	9.1		14.0	13.7	13.4	12.9	23.2	21.6	19.4	17.1	14.6					
40				7.7	7.4	9.6	9.4	9.3	9.1	8.9	14.0	13.8	13.4	13.0	12.3	21.8	19.7	17.5	15.0	11.1					
60			7.8	7.4	7.1	9.4	9.3	9.1	8.9	8.7	13.8	13.5	13.0	12.4	11.6	20.0	17.8	15.3	11.8	4.1					
80		7.8	7.5	7.1	6.8	9.3	9.1	9.0	8.7	8.4	13.5	13.1	12.5	11.7	10.8	18.1	15.7	12.4	5.5						
100	7.9	7.5	7.2	6.8	6.5	9.2	9.0	8.8	8.4	8.0	13.2	12.6	11.8	11.0	10.0	16.0	13.0	6.8							
120	7.8	7.2	6.9	6.5	6.1	9.0	8.8	8.5	8.1	7.6	12.7	11.9	11.1	10.2	9.3	13.5	8.0								
140	7.3	6.9	6.6	6.2	5.8	8.8	8.5	8.1	7.7	7.1	12.0	11.2	10.3	9.4	8.5	9.0									
160	7.0	6.6	6.2	5.8	5.4	8.6	8.2	7.7	7.2	6.6	11.3	10.4	9.5	8.6	7.6										
180	6.7	6.3	5.9	5.5	5.1	8.3	7.8	7.3	6.7	6.1	10.5	9.6	8.7	7.8	6.5										
200	6.3	5.9	5.6	5.1	4.7	7.9	7.3	6.8	6.2	5.5	9.7	8.8	7.9	6.7	4.6										
220	6.0	5.6	5.2	4.8	4.3	7.4	6.8	6.2	5.6	5.0	9.0	8.0	6.9	5.0											
240	5.7	5.3	4.8	4.4	3.9	6.9	6.3	5.7	5.1	4.3	8.2	7.1	5.3												
260	5.3	4.9	4.4	4.0	3.4	6.4	5.8	5.1	4.4	3.3	7.2	5.6													
280	4.9	4.5	4.0	3.5	2.9	5.9	5.2	4.5	3.5	1.9	5.9	3.2													
300	4.6	4.1	3.6	3.0	2.4	5.3	4.6	3.7	2.2		3.6														
320	4.2	3.7	3.1	2.5	1.8	4.7	3.8	2.4																	
340	3.7	3.2	2.6	1.9		4.0	2.6																		
360	3.3	2.7	2.0	1.2		2.9																			
380	2.7	2.1	1.3																						
400	2.2	1.4																							
420	1.5																								
Shutoff PSI	218					188					156					87									
Best Eff.	5 GPM					7 GPM					10 GPM					18 GPM									

1 HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor	1 HP					1 HP					1 HP					1 HP					1 HP				
	6S25					8S21					12S14					20S8					25S7				
Pump End																									
Discharge Pressure	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#
0																									
20									9.9	9.6				14.0	13.7	24.5	23.5	22.1	20.6	19.2	30.5	29.4	27.5	23.8	19.6
40					7.8			9.9	9.6	9.4			14.0	13.7	13.3	23.6	22.3	20.8	19.4	18.0	29.6	27.9	24.4	20.1	16.7
60				7.9	7.7		10.0	9.7	9.4	9.2			13.8	13.4	12.8	22.5	22.0	19.5	18.2	16.6	28.2	25.0	20.7	17.1	13.1
80			8.0	7.7	7.5	10.0	9.7	9.4	9.2	9.0		13.8	13.4	12.9	12.3	21.2	19.7	18.4	16.8	14.5	25.5	21.2	17.5	13.9	
100		8.0	7.7	7.5	7.2	9.8	9.5	9.2	9.0	8.8	13.9	13.5	13.0	12.4	11.7	19.9	18.6	17.1	14.9	11.4	21.8	17.9	14.6		
120	8.0	7.8	7.5	7.3	7.0	9.5	9.3	9.0	8.8	8.5	13.5	13.1	12.5	11.8	11.0	18.7	17.3	13.2	11.9	7.2	18.4	15.1	6.9		
140	7.8	7.6	7.3	7.0	6.8	9.3	9.0	8.8	8.6	8.3	13.1	12.6	11.9	11.1	10.3	17.5	15.6	12.5	7.9		15.6	8.8			
160	7.6	7.3	7.1	6.8	6.5	9.1	8.8	8.6	8.3	8.0	12.6	12.0	11.2	10.4	9.6	15.9	13.0	8.6			10.4				
180	7.4	7.1	6.8	6.5	6.2	8.9	8.6	8.4	8.1	7.7	12.1	11.3	10.5	9.7	8.9	13.4	9.3								
200	7.1	6.9	6.6	6.3	5.9	8.7	8.4	8.1	7.7	7.3	11.4	10.6	9.8	9.0	8.2	9.9									
220	6.9	6.6	6.3	6.0	5.6	8.5	8.1	7.8	7.3	6.9	10.7	9.9	9.1	8.3	7.3	5.4									
240	6.7	6.4	6.0	5.7	5.3	8.2	7.8	7.4	6.9	6.4	10.0	9.2	8.4	7.5	6.1										
260	6.4	6.1	5.7	5.4	5.0	7.9	7.5	7.0	6.5	6.0	9.3	8.5	7.6	6.3	4.3										
280	6.1	5.8	5.4	5.0	4.5	7.5	7.1	6.6	6.1	5.6	8.7	7.8	6.5	4.6											
300	5.8	5.5	5.1	4.7	4.2	7.1	6.6	6.1	5.5	5.2	7.9	6.7	4.9												
320	5.5	5.1	4.7	4.3	3.8	6.7	6.2	5.7	5.2	4.8	6.9	5.2													
340	5.2	4.8	4.4	3.9	3.4	6.3	5.8	5.3	4.8	4.3	5.5	2.9													
360	4.8	4.4	4.0	3.5	3.0	5.8	5.4	4.9	4.4	3.7	3.3														
380	4.5	4.0	3.6	3.1	2.5	5.4	4.9	4.5	3.8	3.0															
400	4.1	3.6	3.1	2.6	2.0	5.0	4.5	3.9	3.1	1.7															
420	3.7	3.2	2.7	2.1	1.4	4.6	4.0	3.2	2.0																
440	3.3	2.8	2.2	1.5		4.1	3.4	2.2																	
460	2.8	2.3	1.6			3.5	2.4																		
480	2.3	1.7				2.6																			
500	1.8																								
520																									
540																									
560																									
580																									
600																									
620																									
640																									
660																									
680																									
700																									
720																									
740																									
Shutoff PSI	258					242					182					117					95				
Best Efficiency	5 GPM					7 GPM					10 GPM					18 GPM					22 GPM				

1 1/2 HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor	1 1/2 HP					1 1/2 HP					1 1/2 HP					1 1/2 HP					1 1/2 HP					
Pump End	6S32					8S25					12S18					20S11					25S10					
Discharge Pressure	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	
0																										
20														13.9	24.5	23.9	23.5	22.8	21.8			30.1	29.3	28.2	26.3	
40													13.9	13.7	24.0	23.6	22.9	21.9	20.8	30.2	29.5	28.4	26.6	24.0		
60												14.0	13.8	13.5	23.6	23.0	22.1	20.9	19.8	29.6	28.6	26.9	24.4	21.5		
80					8.0					10.0		14.0	13.8	13.6	13.1	23.1	22.2	21.1	19.9	18.8	28.7	27.1	24.8	21.9	19.0	
100				8.0	7.8					10.0	10.1	14.0	13.8	13.6	13.3	13.0	22.3	21.3	20.1	19.0	17.9	27.4	28.1	22.3	19.4	16.9
120				7.8	7.5					10.1	9.8	13.8	13.6	13.4	13.1	12.7	21.4	20.2	19.1	18.1	17.0	25.5	22.7	19.8	17.2	14.7
140			7.8	7.6	7.3				10.1	9.9	9.4	13.7	13.4	13.1	12.7	12.3	20.4	19.3	18.2	17.1	15.7	23.1	20.2	17.5	15.1	11.6
160		7.9	7.5	7.3	7.1			10.1	9.9	9.5	9.0	13.4	13.2	12.8	12.3	11.8	19.4	18.4	17.3	15.9	14.0	20.6	17.8	15.4	12.2	
180	7.8	7.8	7.4	7.1	6.9	10.1	10.0	9.6	9.1	8.7	8.7	13.2	12.8	12.4	11.9	11.3	18.5	17.4	16.1	14.3	11.6	18.2	15.8	12.8	6.4	
200	7.7	7.4	7.2	7.0	6.8	10.0	9.6	9.2	8.7	8.4	8.4	12.9	12.5	12.0	11.4	10.8	17.6	16.3	14.6	12.0	8.5	16.1	18.3	7.6		
220	7.4	7.2	7.0	6.8	6.6	9.7	9.2	8.8	8.5	8.2	8.2	10.5	12.0	11.5	10.9	10.2	16.5	14.9	12.4	9.0	4.7	13.8	8.7			
240	7.2	7.0	6.8	6.6	6.4	9.3	8.8	8.5	8.2	8.0	8.0	12.1	10.5	10.9	10.3	9.7	15.1	12.8	9.5	5.3		9.7				
260	7.0	6.8	6.6	6.4	6.2	8.9	8.5	8.3	8.0	7.8	7.8	11.6	11.0	10.4	9.8	9.2	13.2	10.0	5.9							
280	6.9	6.7	6.5	6.3	6.1	8.6	8.3	8.1	7.9	7.6	7.6	11.1	10.5	9.9	9.2	8.6	10.5	6.5								
300	6.7	6.5	6.3	6.1	5.9	8.3	8.1	7.9	7.6	7.3	7.3	10.6	9.9	9.3	8.7	8.1	7.1	2.6								
320	6.5	6.3	6.1	5.9	5.7	8.1	7.9	7.7	7.4	7.0	7.0	10.0	9.4	8.8	8.2	7.5	3.2									
340	6.3	6.1	5.9	5.7	5.5	7.9	7.7	7.4	7.1	6.6	6.6	9.5	8.9	8.3	7.6	6.7										
360	6.2	6.0	5.7	5.5	5.3	7.7	7.5	7.1	6.7	6.2	6.2	9.0	8.3	7.7	6.8	5.6										
380	6.0	5.8	5.5	5.3	5.0	7.5	7.2	6.8	6.3	5.8	5.8	8.4	7.8	7.0	5.8	4.0										
400	5.8	5.6	5.3	5.1	4.8	7.2	6.8	6.4	5.9	5.4	5.4	7.9	7.1	6.0	4.3											
420	5.6	5.4	5.1	4.8	4.5	6.9	6.4	6.0	5.5	5.1	5.1	7.2	6.1	4.5												
440	5.4	5.1	4.9	4.6	4.3	6.5	6.0	5.6	5.1	4.7	4.7	6.3	4.8													
460	5.2	4.9	4.6	4.3	4.0	6.1	5.6	5.2	4.8	4.4	4.4	5.0														
480	4.9	4.7	4.3	4.0	3.7	5.7	5.2	4.8	4.5	4.0	4.0															
500	4.7	4.4	4.1	3.7	3.3	5.3	4.9	4.5	4.1	3.3	3.3															
520	4.4	4.1	3.8	3.4	3.0	4.9	4.6	4.1	3.5	2.2	2.2															
540	4.1	3.8	3.4	3.1	2.6	4.6	4.2	3.6	2.4																	
560	3.9	3.5	3.1	2.7	2.3	4.3	3.7	2.6																		
580	3.5	3.2	2.8	2.3	1.8	3.8	2.8																			
600	3.2	2.8	2.4	1.9	1.4	3.0																				
620																										
640																										
660																										
680																										
700																										
720																										
740																										
Shutoff PSI	342					294					236					158					133					
Best Efficiency	5 GPM					7 GPM					10 GPM					18 GPM					22 GPM					

2 HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor Pump End	2 HP 8S30					2 HP 12S23					2 HP 20S14					2 HP 25S12									
	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#
0																									
20										14.0			24.8	24.1	23.4										29.6
40										14.0	13.8		24.9	24.2	23.5	22.9								29.7	28.6
60										14.0	13.9	13.7	25.0	24.3	23.6	23.0	22.4				29.8	28.8			27.2
80										13.9	13.7	13.6	24.4	23.7	23.1	22.4	21.8		29.9	29.0	27.4				25.2
100									13.9	13.7	13.6	13.4	23.8	23.1	22.5	21.9	21.1	30.0	29.1	27.7	25.5				23.0
120					10.0	13.9	13.8	13.6	13.5	13.3	13.3	23.2	22.1	22.0	21.2	20.3	29.3	27.9	25.9	23.3					20.8
140				10.0	9.8	13.8	13.6	13.5	13.3	13.1	12.7	21.4	21.3	20.4	19.4	28.1	26.2	23.7	21.1						18.9
160			10.0	9.8	9.6	13.7	13.5	13.3	13.1	12.9	12.5	20.7	20.6	19.6	18.4	26.5	24.0	21.4	19.1						17.3
180		10.0	9.9	9.6	9.3	13.5	13.4	13.2	12.9	12.6	12.6	20.8	19.8	19.7	18.6	17.3	24.4	21.8	19.4	17.6					15.9
200	10.0	9.9	9.7	9.4	9.1	13.4	13.2	13.0	12.7	12.4	12.4	20.0	18.9	18.7	17.5	16.2	22.1	19.7	17.8	16.1					13.6
220	9.9	9.7	9.4	9.1	8.9	13.2	13.0	12.7	12.4	12.0	12.0	19.0	17.8	17.7	16.4	15.1	20.0	18.0	16.4	14.1					8.5
240	9.7	9.5	9.2	8.9	8.7	13.0	12.8	12.5	12.1	11.7	11.7	18.0	16.8	16.6	15.3	14.0	18.2	16.6	14.5	9.6					
260	9.5	9.2	8.9	8.7	8.5	12.8	12.5	12.1	11.7	11.3	11.3	16.9	15.7	15.5	14.2	12.6	16.8	14.9	10.5						
280	9.3	9.0	8.7	8.5	8.3	12.5	12.2	11.8	11.3	10.9	10.9	15.8	14.5	14.3	12.9	10.9	15.2	11.4							
300	9.0	8.8	8.5	8.3	8.1	12.2	11.8	11.4	10.9	10.4	10.4	14.7	13.3	13.1	11.2	8.4	12.1								
320	8.8	8.6	8.3	8.1	7.9	11.9	11.5	11.0	10.5	10.0	10.0	13.5	11.8	11.5	8.9	4.4	5.2								
340	8.6	8.4	8.2	8.0	7.7	11.5	11.1	10.6	10.1	9.6	9.6	12.1	9.7	9.3	5.2										
360	8.4	8.2	8.0	7.8	7.5	11.1	10.6	10.1	9.6	9.2	9.2	10.1	6.5	5.9											
380	8.2	8.0	7.8	7.6	7.3	10.7	10.2	9.7	9.2	8.7	8.7	7.1	1.5												
400	8.0	7.8	7.6	7.3	7.0	10.3	9.8	9.3	8.8	8.3	8.3	2.4													
420	7.8	7.6	7.4	7.1	6.8	9.8	9.4	8.9	8.4	7.9	7.9														
440	7.7	7.4	7.1	6.8	6.5	9.4	8.9	8.4	7.9	7.3	7.3														
460	7.4	7.2	6.9	6.5	6.2	9.0	8.5	8.0	7.4	6.7	6.7														
480	7.2	6.9	6.6	6.2	5.8	8.6	8.1	7.5	6.8	6.0	6.0														
500	6.9	6.6	6.3	5.9	5.5	8.1	7.6	6.9	6.1	4.9	4.9														
520	6.7	6.3	5.9	5.6	5.2	7.7	7.0	6.2	5.1	3.5	3.5														
540	6.4	6.0	5.6	5.2	4.8	7.1	6.3	5.3	3.7																
560	6.0	5.7	5.3	4.9	4.4	6.5	5.4	4.0																	
580	5.7	5.3	4.9	4.5	4.0	5.6	4.2																		
600	5.4	5.0	4.5	4.1	3.6	4.4																			
620	5.0	4.6	4.2	3.6	3.0																				
640	4.7	4.2	3.7	3.1	2.3																				
660	4.3	3.8	3.2	2.4																					
680	3.8	3.3	2.5	1.5																					
700	3.4	2.6	1.7																						
720	2.7	1.8																							
740	1.9																								
Shutoff PSI	355					297					199					162									
Best Efficiency	7 GPM					10 GPM					18 GPM					22 GPM									

3 HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor	3 HP					3 HP					3 HP					3 HP																
Pump End	8S43					12S32					20S19					25S17																
Discharge Pressure	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#		
0																																
20														24.8	24.3																	
40													24.9	24.4	23.9														30.0			
60													25.0	24.4	24.0	23.6												30.0	29.9			
80													25.0	24.5	24.0	23.6	23.3										30.1	29.9	29.6			
100											14.0	24.6	24.1	23.7	23.3	22.9								30.1	29.9	29.7	29.3	28.5				
120					10.2						13.9	24.1	23.7	23.4	23.0	22.5	30.1	29.9	29.7	29.3	28.5											
140				10.2	10.1						14.0	13.8	23.8	23.4	23.0	22.6	22.1	30.0	29.8	29.4	28.7	27.5										
160			10.2	10.1	10.0						14.0	13.9	13.7	23.5	23.1	22.7	22.2	21.6	29.8	29.5	28.8	27.7	26.2									
180		10.2	10.1	10.0	9.9						14.0	13.9	13.7	23.1	22.7	22.2	21.7	21.1	29.5	28.9	27.9	26.4	24.6									
200	10.2	10.1	10.0	9.9	9.7	14.0	13.9	13.8	13.6	13.5	22.8	22.3	21.8	21.2	20.5	29.0	28.0	26.6	24.9	22.9												
220	10.2	10.1	9.9	9.7	9.5	13.9	13.8	13.6	13.5	13.3	22.4	21.9	21.3	20.6	19.9	28.2	26.8	25.1	23.2	21.2												
240	10.1	9.9	9.8	9.6	9.4	13.8	13.7	13.5	13.3	13.2	21.9	21.3	20.7	20.0	19.2	27.1	25.4	23.5	21.5	19.6												
260	10.0	9.8	9.6	9.4	9.2	13.7	13.5	13.4	13.2	13.0	21.4	20.8	20.1	19.3	18.5	25.6	23.7	21.7	19.9	18.2												
280	9.8	9.6	9.4	9.2	9.1	13.6	13.4	13.2	13.0	12.8	20.9	20.2	19.4	18.6	17.7	24.0	22.0	20.1	18.4	17.1												
300	9.6	9.5	9.3	9.1	8.9	13.4	13.2	13.0	12.8	12.6	20.3	19.5	18.7	17.9	17.0	22.3	20.3	18.6	17.3	16.1												
320	9.5	9.3	9.1	9.0	8.8	13.3	13.1	12.8	12.6	12.3	19.6	18.8	18.0	17.1	16.2	20.6	18.9	17.4	16.2	14.8												
340	9.3	9.1	9.0	8.8	8.7	13.1	12.9	12.6	12.4	12.1	18.9	18.1	17.2	16.3	15.4	19.1	17.6	16.4	15.0	12.9												
360	9.2	9.0	8.8	8.7	8.6	12.9	12.7	12.4	12.1	11.8	18.2	17.3	16.4	15.5	14.5	17.8	16.5	15.3	13.2	9.3												
380	9.0	8.9	8.7	8.6	8.5	12.7	12.5	12.2	11.9	11.6	17.5	16.6	15.6	14.7	13.6	16.7	15.5	13.6	10.0													
400	8.9	8.7	8.6	8.5	8.4	12.5	12.2	11.9	11.6	11.3	16.7	15.8	14.8	13.7	12.5	15.6	13.9	10.6														
420	8.8	8.6	8.5	8.4	8.3	12.3	12.0	11.6	11.3	11.0	15.9	14.9	13.9	12.6	11.2	14.2	11.2															
440	8.7	8.5	8.4	8.3	8.2	12.0	11.7	11.4	11.0	10.7	15.1	14.0	12.8	11.4	9.6	11.7	6.2															
460	8.6	8.4	8.3	8.2	8.1	11.7	11.4	11.1	10.7	10.4	14.2	13.0	11.6	9.8	7.6	7.2																
480	8.5	8.2	8.2	8.1	7.9	11.5	11.1	10.8	10.4	10.1	13.2	11.8	10.1	7.9	5.0																	
500	8.4	8.2	8.1	8.0	7.8	11.2	10.8	10.5	10.1	9.7	12.0	10.4	8.2	5.4	1.7																	
520	8.2	8.1	8.0	7.8	7.7	10.9	10.5	10.2	9.8	9.4	10.6	8.6	5.9	2.2																		
540	8.1	8.0	7.9	7.7	7.5	10.6	10.2	9.8	9.5	9.1	8.9	6.3	2.8																			
560	8.0	7.9	7.7	7.5	7.3	10.2	9.9	9.5	9.2	8.8	6.7	3.3																				
580	7.9	7.7	7.6	7.4	7.1	9.9	9.6	9.2	8.9	8.5	3.8																					
600	7.8	7.6	7.4	7.2	6.9	9.6	9.3	8.9	8.5	8.1																						
620	7.6	7.4	7.2	7.0	6.7	9.3	8.9	8.6	8.2	7.8																						
640	7.4	7.2	7.0	6.8	6.5	9.0	8.6	8.3	7.9	7.5																						
660	7.3	7.0	6.8	6.6	6.3	8.7	8.3	7.9	7.5	7.1																						
680	7.1	6.8	6.6	6.3	6.1	8.4	8.0	7.6	7.1	6.6																						
700	6.9	6.6	6.4	6.1	5.9	8.0	7.6	7.2	6.7	6.1																						
720	6.7	6.4	6.1	5.9	5.6	7.7	7.2	6.7	6.2	5.5																						
740	6.4	6.2	5.9	5.7	5.4	7.3	6.8	6.3	5.6	4.8																						
760	6.2	6.0	5.7	5.4	5.2	6.9	6.3	5.7	4.9	3.9																						
780	6.0	5.7	5.5	5.2	5.0	6.4	5.8	5.0	4.0																							
800	5.8	5.5	5.3	5.0	4.8	5.9	5.1	4.2	3.0																							
820	5.5	5.3	5.1	4.8	4.6	5.2	4.3	3.2																								
840	5.3	5.1	4.8	4.6	4.4	4.4	3.3																									
860	5.1	4.9	4.6	4.4	4.1	3.5																										
900	4.7	4.5	4.2	3.9	3.5																											
940	4.3	4.0	3.6	3.2	2.6																											
980	3.7	3.3	2.8	2.1																												
1020	2.9	2.3	1.5																													
1060	1.7																															
hut6ff PSI	496					411					270					227																
Best Efficiency	7 GPM					10 GPM					18 GPM					22 GPM																

5 HP STAINLESS STEEL SUBMERSIBLE PUMPS

Motor	5 HP					5 HP																			
	20S30					25S28																			
Pump End																									
Discharge Pressure	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#	20#	30#	40#	50#	60#
0																									
20					24.9																				
40					24.3																				
60				24.2	23.9																				
80			24.4	23.9	23.7																				
100		24.5	24.0	23.7	23.7																				
120	24.7	24.0	23.8	23.6	23.7									30.0											
140	24.1	23.8	23.7	23.6	23.7								30.1	29.8	29.7										
160	23.8	23.7	23.7	23.6	23.6				30.1	29.9	29.7	29.6	29.5												
180	23.7	23.7	23.7	23.6	23.6			30.1	29.9	29.7	29.6	29.5													
200	23.7	23.7	23.6	23.6	23.4	30.2	29.9	29.7	29.6	29.5	29.3														
220	23.7	23.6	23.6	23.5	23.2	29.9	29.7	29.6	29.5	29.3															
240	23.6	23.6	23.5	23.3	23.0	29.8	29.6	29.5	29.4	29.1															
260	23.6	23.5	23.3	23.0	22.7	29.6	29.5	29.4	29.2	28.8															
280	23.5	23.3	23.1	22.7	22.3	29.5	29.4	29.2	28.9	28.5															
300	23.4	23.1	22.8	22.4	21.9	29.4	29.2	28.9	28.5	28.0															
320	23.1	22.8	22.4	22.0	21.5	29.3	29.0	28.6	28.0	27.3															
340	22.9	22.5	22.0	21.5	21.0	29.0	28.7	28.1	27.4	26.6															
360	22.5	22.1	21.6	21.1	20.6	28.7	28.2	27.5	26.7	25.8															
380	22.2	21.7	21.2	20.6	20.1	28.3	27.6	26.9	25.9	24.9															
400	21.7	21.2	20.7	20.2	19.7	27.7	27.0	26.1	25.0	23.9															
420	21.3	20.8	20.3	19.8	19.3	27.1	26.2	25.2	24.1	22.9															
440	20.9	20.3	19.8	19.4	18.9	26.3	25.3	24.2	23.1	21.9															
460	20.4	19.9	19.4	19.0	18.6	25.5	24.4	23.2	22.1	21.0															
480	20.0	19.5	19.0	18.6	18.3	24.5	23.4	22.2	21.1	20.0															
500	19.6	19.1	18.7	18.3	17.9	23.5	22.4	21.2	20.2	19.2															
520	19.2	18.7	18.4	18.0	17.6	22.5	21.4	20.3	19.3	18.4															
540	18.8	18.4	18.0	17.7	17.3	21.5	20.5	19.4	18.6	17.8															
560	18.5	18.1	17.7	17.4	17.0	20.6	19.6	18.7	17.9	17.2															
580	18.1	17.8	17.4	17.0	16.6	19.7	18.8	18.0	17.3	16.6															
600	17.8	17.5	17.1	16.7	16.2	18.9	18.1	17.4	16.7	16.1															
620	17.5	17.1	16.7	16.3	15.7	18.2	17.5	16.8	16.2	15.4															
640	17.2	16.8	16.3	15.8	15.1	17.6	16.9	16.3	15.5	14.5															
660	16.8	16.4	15.9	15.2	14.5	17.0	16.3	15.6	14.6	13.1															
680	16.5	16.0	15.3	14.6	13.7	16.4	15.7	14.8	13.4	11.1															
700	16.0	15.4	14.7	13.8	12.8	15.8	14.9	13.6	11.5	8.3															
720	15.5	14.8	13.9	12.9	11.7	15.1	13.8	11.8	8.8																
740	14.9	14.1	13.1	11.9	10.5	14.0	12.2	9.3																	
760	14.2	13.2	12.1	10.7		12.4	9.7																		
780	13.3	12.2	10.9			10.2	6.3																		
800	12.4	11.1				6.9																			
820	11.3																								
840	10.1																								
Best Efficiency	420					377																			
Best Efficiency	18 GPM					22 GPM																			

