

motralec

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www.motralec.com



- **STAINLESS STEEL CONSTRUCTION
DESIGNED AND BUILT FOR YEARS
OF TROUBLE-FREE OPERATION**
- **STAINLESS STEEL DISCHARGE
HEAD WITH BUILT-IN CHECK VALVE**
- **HIGH EFFICIENCY STAINLESS
STEEL IMPELLERS AND DIFFUSERS**
- **STAINLESS STEEL SUCTION
SCREEN**
- **STAINLESS STEEL SHAFT &
COUPLING**
- **STAINLESS STEEL NEMA FACED
MOUNTING BRACKET**

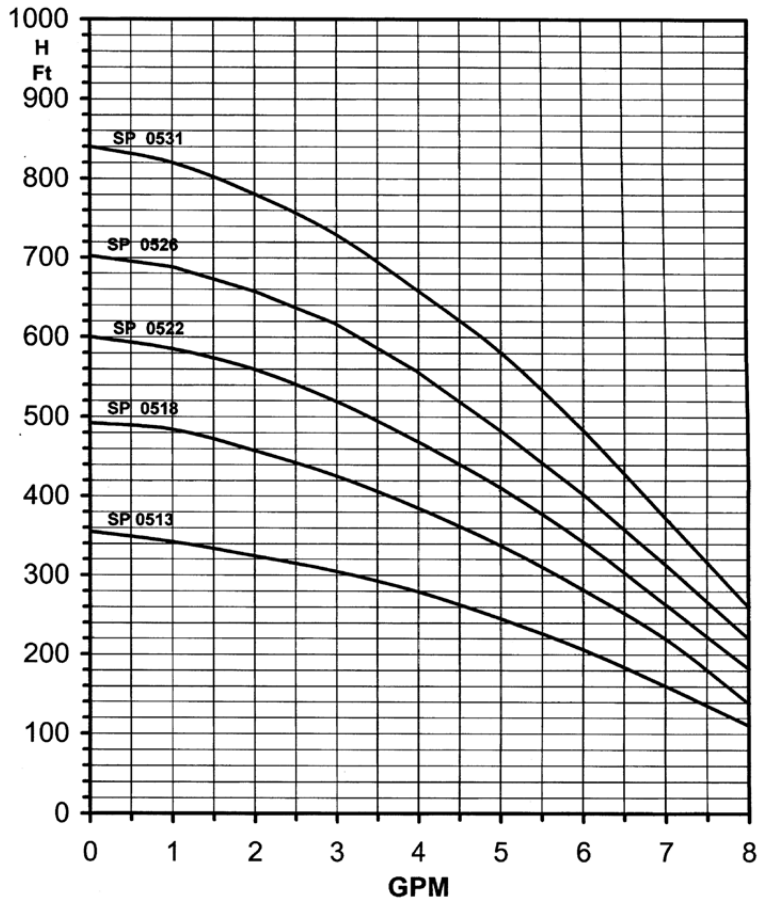
MAX Purity

MODEL SP 05
60HZ - 3450RPM

5 GPM 1/2 - 1 1/2 HP 1-1/4" DISCHARGE

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-0513	1/2	13	1	16.8	9.5	8.4	18
SP-0518	3/4	18	1	21.0	10.7	10.6	21
SP-0522	1	22	1	24.3	11.8	12.1	23
SP-0526	1 1/2	26	1	27.5	13.6	13.7	27
			3		11.8		26
SP-0531	1 1/2	31	1	31.7	13.6	15.9	27
			3		11.8		26

PERFORMANCE CURVE



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																																
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780						
SP-0513	1/2	0									7.4	6.9	6.5	6.0	5.5	5.1	4.6	4.1	3.4																
		20					7.2	6.8	6.3	5.8	5.4	4.9	4.5	3.9	3.2	2.2																			
		30					7.2	6.7	6.2	5.8	5.3	4.9	4.4	3.8	3.1	2.0																			
		40		7.5	7.1	6.6	6.2	5.7	5.2	4.8	4.3	3.7	2.9	1.8																					
		50	7.5	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.6	2.8	1.5																						
		60	7.0	6.5	6.0	5.6	5.1	4.6	4.1	3.5	2.6																								
Shut-off PSI			144	135	126	118	109	101	92	83	75	66	57	49	40	31	23																		
SP-0518	3/4	0									7.9	7.6	7.3	7.0	6.6	6.3	5.9	5.6	4.9	4.2	3.3	1.8													
		20					7.8	7.5	6.8	6.5	6.2	5.8	5.5	5.2	4.8	4.1	3.1	1.4																	
		30					7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.4	5.1	4.8	4.4	3.6	2.3																
		40				7.7	7.4	7.1	6.7	6.4	6.1	5.7	5.4	5.1	4.7	4.4	4.0	2.9	1.1																
		50		7.7	7.4	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.7	4.3	3.9	3.4	2.0																		
		60	7.6	7.3	7.0	6.6	6.3	6.0	5.6	5.3	5.0	4.6	4.3	3.9	3.4	2.7																			
Shut-off PSI			202	193	185	176	167	159	150	141	133	124	116	107	98	90	81	64	46	29	12														
SP-0522	1	0											7.6	7.3	7.1	6.8	6.5	6.0	5.4	4.9	4.3	3.6	2.6												
		20									7.5	7.3	7.0	6.7	6.4	6.2	5.9	5.3	4.8	4.2	3.5	2.4													
		30									7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.6	5.0	4.5	3.8	2.9	1.5												
		40							7.4	7.2	6.9	6.6	6.3	6.1	5.8	5.5	5.2	4.7	4.1	3.3	2.2														
		50					7.4	7.1	6.9	6.6	6.3	6.0	5.7	5.5	5.2	4.9	4.4	3.7	2.7	1.2															
		60					7.4	7.1	6.8	6.5	6.3	6.0	5.7	5.4	5.2	4.9	4.0	3.2	1.9																
Shut-off PSI							215	206	197	189	180	171	163	154	145	137	128	111	94	76	59	42	24												
SP-0526	1 1/2	0												7.8	7.6	7.4	7.2	6.7	6.2	5.7	5.3	4.8	4.4	3.8	3.0	1.9									
		20												7.5	7.3	7.1	6.9	6.6	6.1	5.7	5.2	4.8	4.3	3.7	2.9	1.7									
		30												7.5	7.3	7.1	6.8	6.6	6.3	5.9	5.4	5.0	4.5	4.0	3.3	2.3									
		40									7.5	7.2	7.0	6.8	6.5	6.3	6.1	5.6	5.2	4.7	4.2	3.6	2.7	1.5											
		50							7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.8	5.3	4.9	4.4	3.9	3.1	2.1													
		60							7.4	7.2	6.9	6.7	6.5	6.2	6.0	5.8	5.5	5.1	4.6	4.1	3.5	2.6													
Shut-off PSI								244	235	226	218	209	201	192	183	175	157	140	123	105	88	71	53	36	19										
SP-0531	1 1/2	0																7.7	7.3	6.9	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.7	3.0	2.1					
		20																7.4	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.6	2.9	1.9					
		30																7.4	7.2	7.0	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.8	3.2	2.4	1.2				
		40																7.4	7.2	7.0	6.8	6.4	6.0	5.6	5.3	4.9	4.5	4.0	3.5	2.8	1.8				
		50																7.5	7.4	7.2	7.0	6.8	6.6	6.2	5.8	5.4	5.0	4.7	4.2	3.7	3.1	2.2			
		60																7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.4	2.6	1.6		
Shut-off PSI																	285	276	268	259	250	242	233	216	198	181	164	146	129	112	95	77	60	43	25



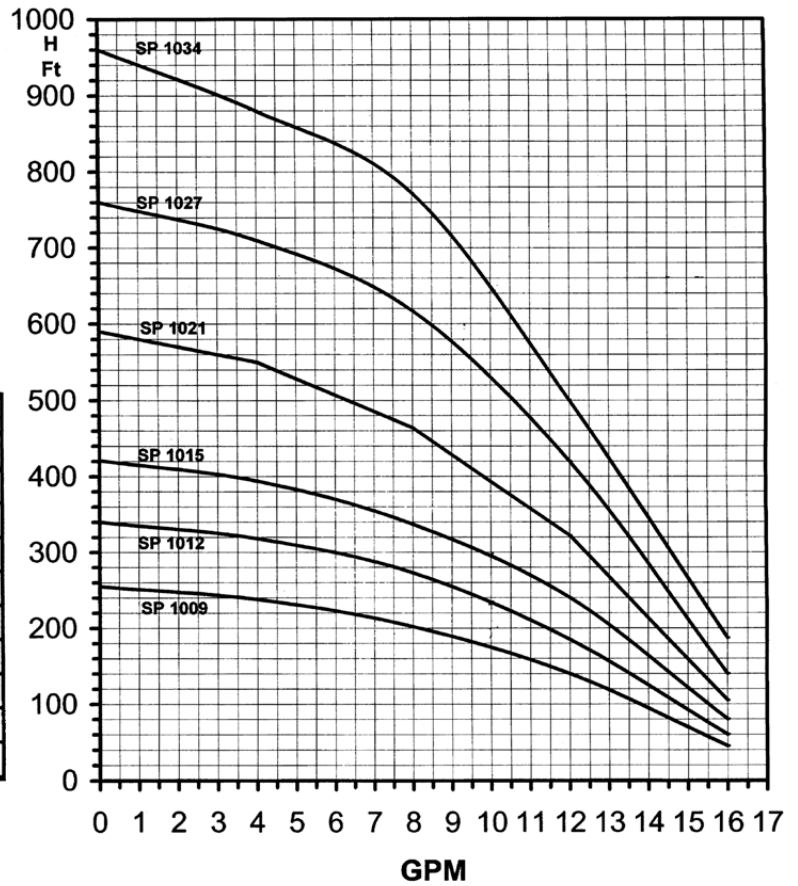
MAX Purity

MODEL SP 10
60HZ - 3450RPM

10 GPM 1/2 - 3 HP 1-1/4" DISCHARGE

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-1009	1/2	9	1	13.5	9.5	6.9	18
SP-1012	3/4	12	1	16.0	10.7	8.0	21
SP-1015	1	15	1	18.5	11.8	9.3	23
SP-1021	1 1/2	21	1	23.5	13.6	12.6	27
			3		11.8		26
SP-1027	2	27	1	28.4	15.1	15.0	30
			3		13.6		28
SP-1034	3	34	1	34.2	23.5	19.0	54
			3		20.6		44

PERFORMANCE CURVE



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																																			
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900						
SP-1009	1/2	0	16.2	15.5	14.8	14.0	13.1	12.1	11.0	9.8																												
		20	15.3	14.6	13.7	12.8	11.7	10.6	9.4	7.8	5.4																											
		30	14.4	13.6	12.6	11.6	10.4	9.1	7.5	5.0																												
		40	13.4	12.4	11.4	10.3	8.9	7.1	4.5																													
		50	12.3	11.2	10.1	8.7	6.8	4.0																														
		60	11.1	9.9	8.4	6.4	3.4																															
Shut-off PSI			101	92	84	75	66	58	49	41	32	23	15	6																								
SP-1012	3/4	0	16.0	15.5	15.0	14.4	13.8	13.1	12.3	11.5	10.7	9.8	8.7	7.4	5.6																							
		20	15.9	15.4	14.8	14.2	13.5	12.8	12.1	11.3	10.4	9.5	8.3	6.9	4.9	2.2																						
		30	15.3	14.7	14.1	13.4	12.7	12.0	11.1	10.3	9.3	8.1	6.6	4.6																								
		40	14.6	14.0	13.3	12.6	11.8	11.0	10.1	9.1	7.9	6.3	4.2																									
		50	13.9	13.2	12.5	11.7	10.9	10.0	9.0	7.7	6.0	3.8																										
		60	13.1	12.4	11.6	10.8	9.8	8.8	7.5	5.7	3.3																											
Shut-off PSI			138	129	120	112	103	94	86	77	68	60	51	42	34	25	16																					
SP-1015	1	0	16.0	15.8	15.5	15.0	14.5	13.9	13.2	12.5	11.8	11.2	10.5	9.8	8.0	5.2																						
		20	15.9	15.7	15.3	14.9	14.3	13.7	13.0	12.3	11.6	10.9	10.3	9.5	8.7	7.6	4.6																					
		30	15.9	15.6	15.3	14.8	14.2	13.6	12.9	12.2	11.5	10.8	10.1	9.4	8.5	7.4	6.1																					
		40	15.6	15.2	14.7	14.1	13.5	12.8	12.1	11.4	10.7	10.0	9.3	8.4	7.3	5.8	4.0																					
		50	15.1	14.6	14.0	13.4	12.7	12.0	11.3	10.6	9.9	9.1	8.2	7.1	5.6	3.6																						
		60	14.5	13.9	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.1	6.9	5.3	3.3																							
Shut-off PSI			174	166	157	148	140	131	122	114	105	96	88	79	70	62	53	36	18																			
SP-1021	1 1/2	0	15.8	15.5	15.2	14.9	14.6	14.2	13.9	13.5	13.1	12.6	11.8	10.8	9.8	8.5	6.9	4.6																				
		20	16.0	15.7	15.4	15.1	14.8	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.6	10.7	9.6	8.3	6.6	4.2																		
		30	16.0	15.7	15.4	15.1	14.8	14.4	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.1	10.1	8.9	7.4	5.3	2.3																	
		40	15.9	15.6	15.4	15.0	14.7	14.4	14.0	13.6	13.2	12.8	12.4	11.9	11.5	11.0	10.5	9.4	8.1	6.3	3.7																	
		50	15.6	15.3	15.0	14.7	14.3	13.9	13.6	13.2	12.7	12.3	11.9	11.4	10.9	10.4	9.9	8.7	7.1	4.9																		
		60	15.3	14.9	14.6	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.9	10.4	9.8	9.2	7.9	6.0	3.2																		
Shut-off PSI			247	239	230	222	213	204	196	187	178	170	161	152	144	135	126	109	92	74	57	40	22															
SP-1027	2	0	16.4	16.2	16.0	15.8	15.5	15.3	15.1	14.8	14.6	14.3	14.0	13.4	12.7	12.1	11.3	10.6	9.8	8.8	7.7	6.3	4.3															
		20	15.9	15.7	15.5	15.2	15.0	14.7	14.5	14.2	13.9	13.6	13.3	12.6	11.9	11.2	10.5	9.6	8.7	7.5	6.0	4.0																
		30	15.9	15.7	15.5	15.2	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.2	11.5	10.8	10.0	9.1	8.0	6.7	4.9	2.5															
		40	16.0	15.8	15.6	15.2	14.9	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.5	11.8	11.1	10.4	9.5	8.5	7.3	5.7	3.6															
		50	16.0	15.8	15.6	15.4	15.1	14.9	14.6	14.3	14.1	13.8	13.4	13.1	12.8	12.5	12.1	11.4	10.7	9.9	9.0	7.8	6.4	4.6	2.1													
		60	15.8	15.6	15.3	15.1	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.8	12.4	12.1	11.7	11.0	10.2	9.4	8.3	7.1	5.4	3.2														
Shut-off PSI			321	312	303	295	286	277	269	260	251	243	234	225	217	208	199	182	165	148	130	113	96	78	61	44	26											
SP-1034	3	0	16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.2	13.5	12.8	12.0	11.2	10.4	9.6	8.9	8.0	6.9	5.6	4.0															
		20	16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.0	13.8	13.3	12.8	12.3	11.7	11.2	10.6	9.9	9.2	8.4	7.4	6.2	4.7	2.8											
		30	16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.0	13.8	13.3	12.8	12.3	11.7	11.2	10.6	9.9	9.2	8.4	7.4	6.2	4.7	2.8											
		40	16.0	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.0	13.8	13.3	12.8	12.3	11.7	11.2	10.6	9.9	9.2	8.4	7.4	6.2	4.7	2.8											
		50	16.0	15.8	15.6	15.5	15.3	15.1	14.9	14.7	14.5	14.2	14.0	13.8	13.5	13.0	12.5	12.0	11.4	10.8	10.2	9.5	8.7	7.8	6.7	5.4	3.7											
		60	15.9	15.8	15.6	15.4	15.2	15.1	14.9	14.6	14.4	14.2	14.0	13.7	13.5	13.2	12.7	12.2	11.6	11.1	10.5	9.8	9.1	8.2	7.2	6.0	4.5	2.5										
Shut-off PSI			406	397	389	380	371	363	354	345	337	328	319	311	302	293	285	268	250	233	216	198	181	164	146	129	112	94	77	60	42	25						

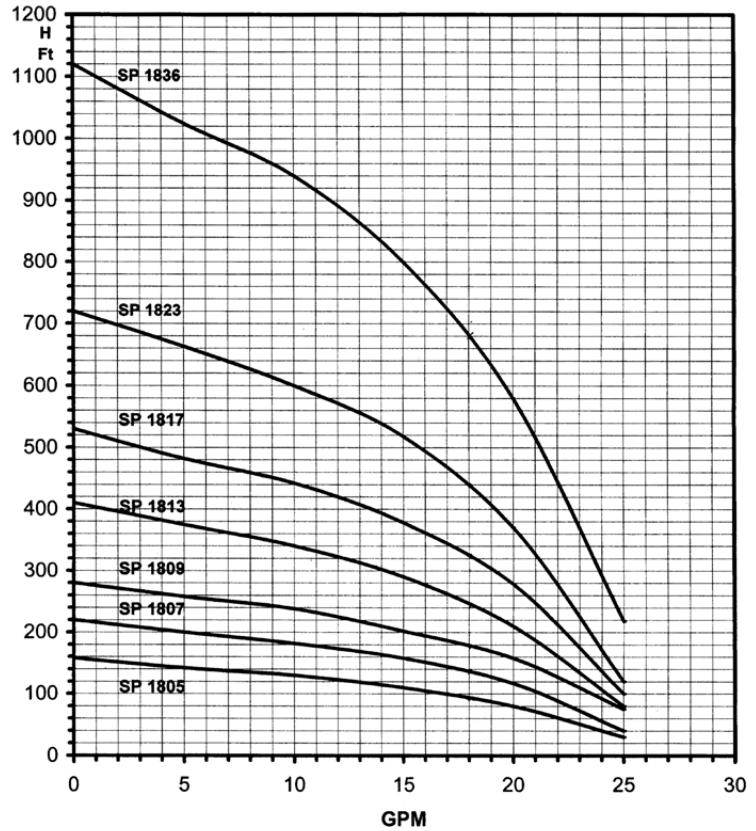
MAX Purity

MODEL SP 18
60HZ - 3450RPM

18 GPM 1/2 - 5 HP 1-1/4" DISCHARGE

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-1805	1/2	5	1	10.3	9.5	5.1	18
SP-1807	3/4	7	1	11.7	10.7	6.0	21
SP-1809	1	9	1	13.4	11.8	6.9	23
SP-1813	1 1/2	13	1	16.9	13.6	8.6	27
			3		11.8		26
SP-1817	2	17	1	20.2	15.1	10.4	30
			3		13.6		28
SP-1823	3	23	1	25.1	23.5	13.0	54
			3		20.6		44
SP-1836	5	36	1	35.9	29.5	18.7	65
			3		23.5		50

PERFORMANCE CURVE



SELECTION CHART

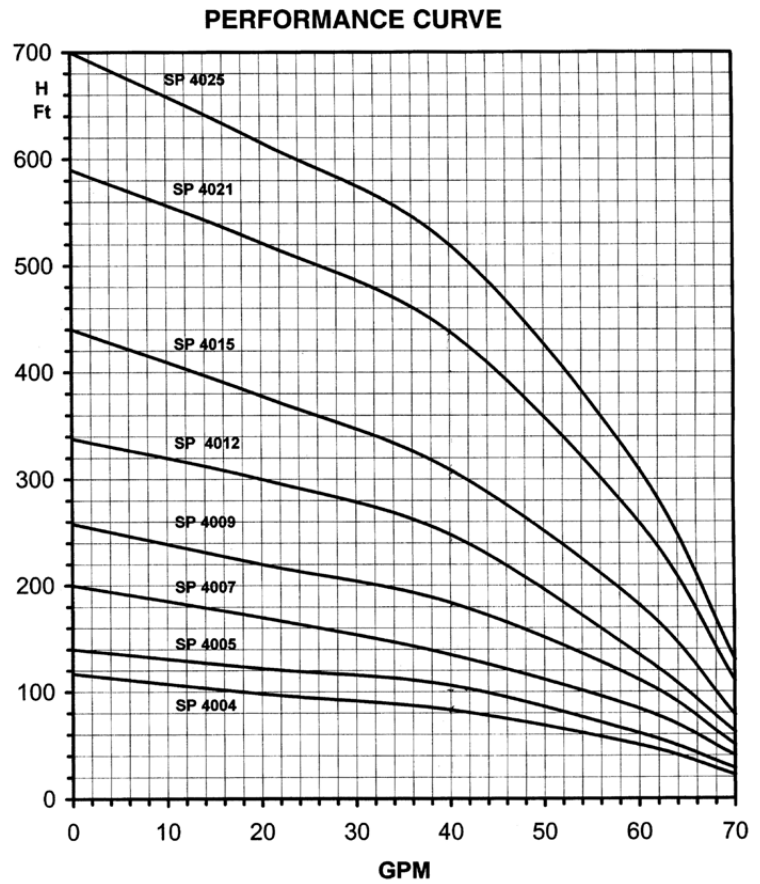
Pump Model	HP	PSI	Depth to Water in Feet (GPM)																																																					
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900	940	980																						
SP-1807	3/4	0	25.4	23.6	22.7	21.2	19.3	17.1	14.5	10.5																																														
		20	23.4	22.3	20.7	18.6	16.4	13.4	9.0																																															
		30	22.1	20.4	18.3	16.0	12.9	8.1																																																
		40	20.0	18.0	15.6	12.2	7.3																																																	
		50	17.6	15.1	11.6	6.3																																																		
		60	14.7	10.9	5.4																																																			
Shut-off PSI			86	77	69	60	51	43	34	25	17																																													
SP-1809	1	0	27.7	24.4	23.4	22.6	21.3	19.6	17.7	15.6	12.8	9.1																																												
		20	26.2	24.0	23.2	22.3	20.8	19.1	17.1	14.8	11.8	7.7																																												
		30	23.8	23.1	22.1	20.6	18.8	16.8	14.4	11.2	7.0																																													
		40	23.0	21.9	20.3	18.5	16.4	13.9	10.6	6.3																																														
		50	21.7	20.0	18.2	16.1	13.5	10.0																																																
		60	19.8	17.9	15.7	13.0	9.4																																																	
Shut-off PSI			113	104	95	87	78	69	61	52	43	35	26	17																																										
SP-1813	1 1/2	0	27.7	24.9	23.7	23.2	22.8	22.3	21.5	20.5	19.4	18.3	17.1	15.8	14.2	9.8																																								
		20	26.5	24.4	23.5	23.1	22.7	22.0	21.2	20.2	19.1	17.9	16.7	15.3	13.7	11.5	8.9																																							
		30	24.2	23.5	23.1	22.6	21.9	21.0	20.0	18.9	17.8	16.5	15.1	13.4	11.2	8.5																																								
		40	23.4	23.0	22.5	21.8	20.9	19.8	18.7	17.6	16.3	14.9	13.1	10.8	8.0																																									
		50	22.9	22.4	21.7	20.7	19.7	18.6	17.4	16.1	14.6	12.7	10.4	7.5																																										
		60	22.3	21.5	20.6	19.5	18.4	17.2	15.9	14.3	12.4	10.0	7.1																																											
Shut-off PSI			167	158	150	141	132	124	115	106	98	89	80	72	63	54	46	28																																						
SP-1817	2	0	27.4	25.2	24.1	23.6	23.2	22.9	22.5	22.0	21.3	20.6	19.8	18.9	17.1	15.0	12.1	8.1																																						
		20	26.5	24.8	23.9	23.4	23.1	22.8	22.4	21.8	21.1	20.3	19.5	18.6	17.8	16.8	14.6	11.6	7.4																																					
		30	26.2	24.6	23.8	23.4	23.1	22.7	22.3	21.7	21.0	20.2	19.4	18.5	17.6	16.7	15.6	13.0	9.3																																					
		40	24.4	23.7	23.3	23.0	22.7	22.2	21.6	20.9	20.1	19.2	18.4	17.5	16.5	15.4	14.2	11.0	6.6																																					
		50	23.6	23.3	23.0	22.6	22.1	21.5	20.7	19.9	19.1	18.2	17.3	16.4	15.3	14.0	12.5	8.6																																						
		60	23.3	22.9	22.5	22.0	21.4	20.6	19.8	19.0	18.1	17.2	16.2	15.1	13.8	12.2	10.4	5.9																																						
Shut-off PSI			221	212	204	195	186	178	169	160	152	143	134	126	117	108	100	82	65	48	30																																			
SP-1823	3	0	28.3	26.2	24.9	24.2	23.7	23.4	23.2	23.0	22.7	22.3	21.9	20.9	19.7	18.5	17.1	15.6	13.8	11.4	8.3																																			
		20	27.6	25.8	24.7	24.0	23.6	23.3	23.1	22.9	22.6	22.2	21.8	21.3	20.7	19.5	18.2	16.9	15.3	13.4	10.9	7.8																																		
		30	27.2	25.6	24.5	23.9	23.6	23.3	23.1	22.8	22.5	22.2	21.7	21.2	20.6	20.0	18.8	17.5	16.0	14.3	12.1	9.2																																		
		40	26.9	25.4	24.4	23.8	23.5	23.3	23.1	22.8	22.5	22.1	21.6	21.1	20.5	19.9	19.3	18.0	16.7	15.1	13.1	10.5	7.2																																	
		50	25.2	24.3	23.8	23.5	23.2	23.0	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.2	18.6	17.3	15.8	14.0	11.7	8.7																																		
		60	24.2	23.7	23.4	23.2	23.0	22.7	22.4	22.0	21.5	20.9	20.4	19.8	19.1	18.5	17.8	16.4	14.8	12.7	10.0	6.7																																		
Shut-off PSI			302	293	285	276	267	259	250	241	233	224	215	207	198	189	181	163	146	129	111	94	77	59	42																															
SP-1836	5	0	28.1	26.7	25.7	24.9	24.4	24.0	23.7	23.5	23.2	22.9	22.6	22.1	21.5	20.8	20.0	19.2	18.4	17.6	16.7	15.7	14.6	13.2	11.7	9.9	7.8																													
		20	27.6	26.3	25.4	24.7	24.2	23.9	23.7	23.5	23.3	23.2	22.9	22.5	22.0	21.4	20.6	19.9	19.1	18.3	17.4	16.5	15.5	14.4	13.0	11.4	9.6	7.4																												
		30	27.4	26.2	25.3	24.6	24.2	23.9	23.6	23.4	23.3	23.2	23.0	22.7	22.2	21.6	21.0	20.2	19.4	18.6	17.8	16.9	16.0	14.9	13.6	12.1	10.4	8.4	6.1																											
		40	28.7	27.2	26.0	25.2	24.6	24.1	23.8	23.6	23.4	23.3	23.1	23.0	22.8	22.4	21.9	21.2	20.5	19.8	19.0	18.1	17.3	16.4	15.3	14.2	12.8	11.2	9.2	7.1																										
		50	28.4	27.0	25.9	25.1	24.5	24.1	23.8	23.6	23.4	23.3	23.1	23.0	22.8	22.6	22.1	21.5	20.8	20.1	19.3	18.5	17.6	16.8	15.8	14.7	13.4	11.9	10.1	8.0																										
		60	28.2	26.8	25.7	25.0	24.4	24.0	23.7	23.5	23.4	23.2	23.1	22.9	22.8	22.6	22.3	21.8	21.1	20.4	19.6	18.8	18.0	17.1	16.2	15.2	14.0	12.6	10.9	8.9	6.7																									
Shut-off PSI			477	469	460	451	443	434	425	417	408	399	391	382	373	365	356	339	321	304	287	270	252	235	218	200	183	166	148	131	114	96	79	62																						

MAX Purity

MODEL SP 40
60HZ - 3450RPM

40 GPM 1 - 7 1/2 HP 2" DISCHARGE

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-4004	1	4	1	14.4	11.8	8.2	23
SP-4005	1 1/2	5	1	16.1	13.6	9.3	27
			3		11.8		26
SP-4007	2	7	1	19.4	15.1	11.5	30
			3		13.6		28
SP-4009	3	9	1	22.7	23.5	13.7	54
			3		20.6		44
SP-4012	5	12	1	27.7	29.5	17.0	65
			3		23.5		50
SP-4015	5	15	1	32.6	29.5	20.2	65
			3		23.5		50
SP-4021	7 1/2	21	3	42.5	29.5	26.7	66
SP-4025	7 1/2	25	3	49.1	29.5	31.0	66



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																							
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580		
SP-4005	1 1/2	0			60.1	54.0	43.2	23.4																		
		20	58.2	51.5	38.0																					
		30	50.0	35.0																						
		40	31.9																							
		50																								
		60																								
Shut-off PSI			52	44	35	27	18	9																		
SP-4007	2	0			61.0	56.7	51.7	43.2	29.9																	
		20	64.5	59.6	55.4	49.6	39.6	24.9																		
		30	58.9	54.7	48.3	37.6	22.3																			
		40	53.9	47.0	35.5																					
		50	45.5	33.2																						
		60	30.9																							
Shut-off PSI			77	68	60	51	42	34	25	16																
SP-4009	3	0			65.6	61.5	58.1	54.8	50.2	43.2	33.2	20.8														
		20		64.3	60.4	57.1	53.6	48.4	40.4	29.6																
		30	63.6	59.8	56.6	52.9	47.3	38.9	27.7																	
		40	59.3	56.1	52.2	46.2	37.4	25.7																		
		50	55.6	51.4	45.0	35.7	23.7																			
		60	50.6	43.8	34.0	21.7																				
Shut-off PSI			101	93	84	75	67	58	49	41	32	23	15													
SP-4012	5	0			65.2	62.4	59.9	57.5	54.9	51.4	46.5	40.0	32.0	22.7												
		20		64.8	62.0	59.5	57.2	54.4	50.7	45.6	38.9	30.6	21.2													
		30	64.3	61.5	59.1	56.8	53.9	50.0	44.7	37.7	29.2															
		40	61.2	58.8	56.4	53.4	49.3	43.7	36.5	27.8																
		50	58.4	56.0	52.9	48.6	42.7	35.2	26.3																	
		60	58.4	56.0	52.9	48.6	42.7	35.2	26.3																	
Shut-off PSI			137	128	119	111	102	93	85	76	67	59	50	41	33	24										
SP-4015	5	0					64.4	62.1	60.1	58.3	56.3	54.0	51.0	47.1	42.2	29.4										
		20					63.6	61.5	59.5	57.7	55.7	53.2	49.9	45.7	40.5	34.2	27.1									
		30					63.3	61.2	59.3	57.4	55.3	52.7	49.3	45.0	39.6	33.2	26.9									
		40					62.9	60.9	59.0	57.1	54.9	52.2	48.7	44.2	38.6	32.1	24.7									
		50	64.9	62.6	60.6	58.7	56.8	54.6	51.8	48.1	43.4	37.7	31.0	23.5												
		60	62.3	60.3	58.4	56.5	54.2	51.3	47.4	42.6	36.7	29.9	22.4													
Shut-off PSI			173	164	156	147	138	130	121	112	104	95	86	78	69	60	52	34								
SP-4021	7 1/2	0								64.0	62.4	61.0	59.6	58.3	56.9	53.6	48.9	42.2	33.4	22.9						
		20								63.5	62.0	60.5	59.2	57.9	56.5	54.9	53.0	48.0	41.0	31.9	21.2					
		30								64.9	63.3	61.7	60.3	59.0	57.7	56.2	54.6	52.7	50.4	44.2	36.0	25.8				
		40								64.7	63.0	61.5	60.1	58.8	57.4	56.0	54.3	52.3	50.0	47.1	39.7	30.3				
		50								64.4	62.8	61.3	59.9	58.6	57.2	55.8	54.0	52.0	49.5	46.6	43.1	34.5	24.2			
		60	65.9	64.1	62.5	61.1	59.7	58.4	57.0	55.5	53.8	51.7	49.1	46.1	42.5	38.4	28.7									
Shut-off PSI			237	228	219	211	202	193	185	176	167	159	150	142	133	124	107	90	72	55	38					
SP-4025	7 1/2	0																								
		20									64.9	63.5	62.2	60.9	59.8	58.7	57.5	55.0	51.7	47.2	41.2	33.7	25.0			
		30									64.4	63.3	62.0	60.7	59.6	58.5	57.4	56.2	53.2	49.3	43.9	37.0	28.8			
		40									64.4	63.1	61.8	60.6	59.4	58.3	57.2	56.0	54.6	51.1	46.4	40.1	32.4	23.6		
		50									65.6	64.2	62.8	61.6	60.4	59.3	58.2	57.0	55.8	54.3	52.7	48.5	42.9	35.8	27.4	
		60	65.4	64.0	62.6	61.4	60.2	59.1	58.0	56.8	55.6	54.1	52.4	50.5	48.5	46.5	44.5	42.5	40.5	38.0	31.1	22.1				
Shut-off PSI			288	259	251	242	233	225	216	207	199	190	181	173	155	138	121	103	86	69	51					

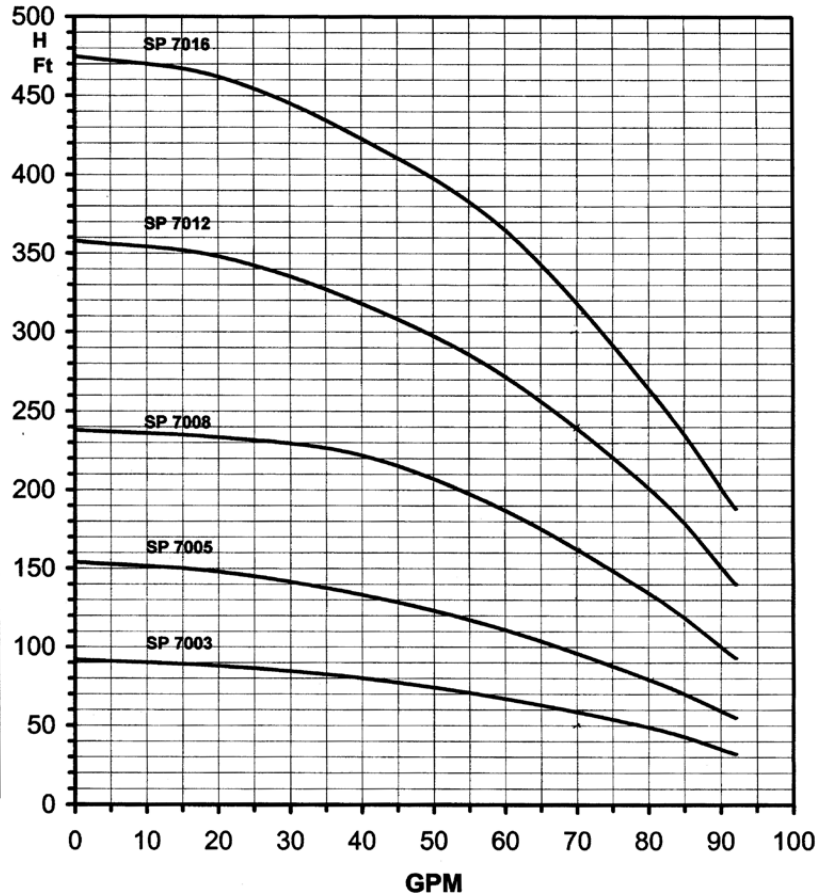


MAX Purity
MODEL SP 70
60HZ - 3450RPM

70 GPM 2 - 7 1/2 HP 2" DISCHARGE

Model	HP	Stages	Phase	Length Inch		Weight Lbs	
				Pump	Motor	Pump	Motor
SP-7003	2	3	1	14.9	15.1	8.2	30
			3		13.6		28
SP-7005	3	5	1	20.0	23.5	10.4	54
			3		20.6		44
SP-7008	5	8	1	27.7	29.5	13.7	65
			3		23.5		50
SP-7012	7 1/2	12	3	37.9	29.5	18.0	66
SP-7016	10	16	3	53	44	29	120

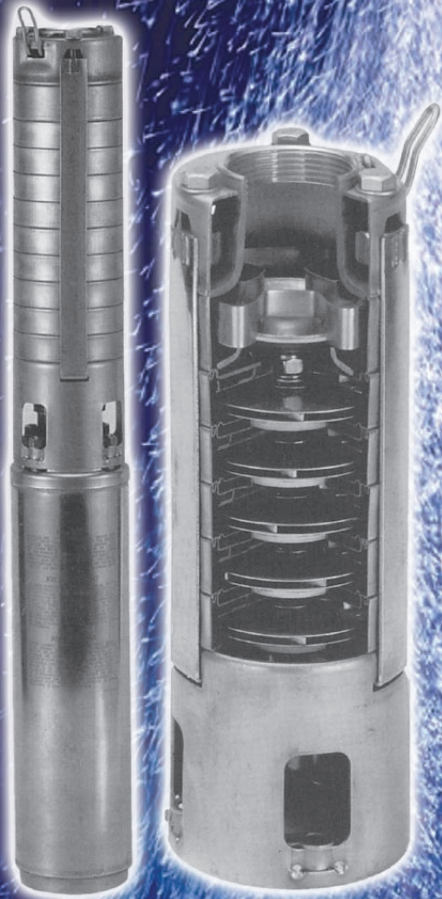
PERFORMANCE CURVE



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet (GPM)																			
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420		
SP-7005	3	0			91.1	78.8	68.9	51.0														
		20	89.4	75.5	64.4	44.9																
		30	74.1	61.8	42.1																	
		40	58.8	39.6																		
		50	37.1																			
		60																				
Shut-off PSI			58	49	40	32	23	14														
SP-7008	5	0					88.9	84.8	78.5	69.4	59.4	49.7										
		20			87.8	83.2	75.9	66.3	56.4	46.3												
		30	91.0	87.2	82.3	74.6	64.7	54.9	44.4													
		40	86.5	81.3	73.1	63.2	53.4	42.2														
		50	80.2	71.6	61.6	51.9	39.8															
		60	70.1	60.1	50.4																	
Shut-off PSI			94	86	77	68	60	51	42	34	25	16										
SP-7012	7 1/2	0						90.2	87.7	84.8	81.0	75.7	69.4	62.7	56.1	49.7						
		20					89.4	86.9	83.8	79.5	73.9	67.4	60.6	54.2	47.5							
		30				89.0	86.4	83.2	78.7	72.9	66.3	59.6	53.2	46.3								
		40			88.6	86.0	82.6	77.9	71.9	65.3	58.6	52.2	45.0	33.0	11.3							
		50		88.2	85.5	81.9	77.0	70.9	64.2	57.6	51.2	43.7										
		60	87.8	85.1	82.3	76.1	69.9	63.2	56.6	50.2	42.2											
Shut-off PSI			146	137	128	120	111	102	94	85	76	68	59	50	42	33	24					
SP-7016	10	0							88.5	86.4	85.2	84.3	83.2	81.3	78.4	74.5	64.5	54.2	43.8			
		20					90.7	87.7	85.9	84.0	82.7	80.5	77.3	73.1	68.2	62.9	52.7	41.7				
		30				90.1	87.4	85.7	84.7	83.8	82.4	80.1	76.7	72.4	67.4	62.1	56.9	47.0				
		40			89.6	87.1	85.6	84.6	83.6	82.1	79.7	76.1	71.6	66.5	61.2	56.1	51.2					
		50		89.2	86.8	85.4	83.5	81.8	79.2	75.5	70.9	65.7	60.4	55.4	50.5	45.2						
		60	88.7	86.5	85.2	84.3	83.3	81.5	78.7	74.8	70.0	64.9	59.6	54.6	49.7	44.3						
Shut-off PSI			197	188	180	171	162	154	145	136	128	119	110	102	93	84	76	59	41	24		

Quality Features



- **Stainless steel construction designed and built for years of trouble-free operation**
- **Stainless steel discharge head with built-in check valve**
- **High efficiency stainless steel impellers and diffusers**
- **Stainless steel suction screen**
- **Stainless steel shaft & coupling**
- **Stainless steel NEMA faced mounting bracket**
- **Stainless steel installation ring**

STANDARD DISCHARGE SIZES:

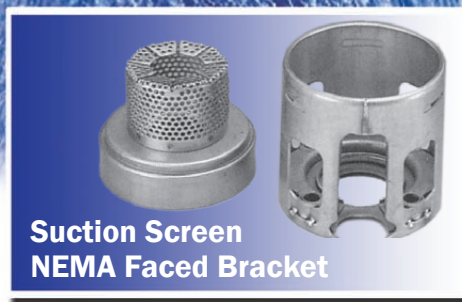
SP-5, SP-10 & SP-18 Discharge – 1 ¼”

SP-25 Discharge – 1 ½”

SP-40 & SP-75 Discharge – 2”



**Diffuser
Impeller**



**Suction Screen
NEMA Faced Bracket**



**Check Valve
Discharge Head**

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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