

PERFORMANCE TABLE



Cable Section Chart for D.O.L / A.T.S. / Star Delta Starting

Cable Length Mtrs.	3.0 HP to 5.0 HP (sq. mm.)	6.0 HP (sq. mm.)	7.5 HP (sq. mm.)	10.0 HP (sq. mm.)	12.5 HP (sq. mm.)	15.0 HP (sq. mm.)	17.5 HP (sq. mm.)	20.0 HP (sq. mm.)	25.0 HP (sq. mm.)	30.0 HP (sq. mm.)	35.0/40.0 HP (sq. mm.)	45.0/50.0 HP (sq. mm.)
30	1x3x1.5	1x3x1.5	1x3x1.5	1x3x1.5	1x3x1.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x16.0
30*	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x6.0	2x3x6.0	2x3x10.0
40	1x3x1.5	1x3x1.5	1x3x1.5	1x3x1.5	1x3x2.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x16.0
40*	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x6.0	2x3x6.0	2x3x10.0
50	1x3x1.5	1x3x1.5	1x3x1.5	1x3x1.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x4.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x16.0
50*	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x6.0	2x3x6.0	2x3x10.0
60	1x3x1.5	1x3x1.5	1x3x2.5	1x3x2.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x16.0
60*	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x10.0
70	1x3x1.5	1x3x1.5	1x3x2.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x6.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x16.0
70*	2x3x1.5	2x3x1.5	2x3x1.5	2x3x1.5	2x3x4.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x10.0
80	1x3x1.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x4.0	1x3x6.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0
80*	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0
90	1x3x2.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x4.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0
90*	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0
100	1x3x2.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0	1x3x25.0
100*	2x3x1.5	2x3x1.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0	2x3x16.0
110	1x3x2.5	1x3x2.5	1x3x4.0	1x3x4.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0	1x3x25.0
110*	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0	2x3x16.0
120	1x3x2.5	1x3x4.0	1x3x4.0	1x3x4.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0	1x3x16.0	1x3x25.0
120*	2x3x1.5	2x3x1.5	2x3x2.5	2x3x2.5	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0	2x3x10.0	2x3x16.0
130	1x3x2.5	1x3x4.0	1x3x6.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0	1x3x16.0	1x3x25.0
130*	2x3x1.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0	2x3x10.0	2x3x16.0
140	1x3x2.5	1x3x4.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0	1x3x16.0	1x3x25.0	1x3x25.0
140*	2x3x1.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0	2x3x10.0	2x3x16.0	2x3x16.0
150	1x3x4.5	1x3x4.0	1x3x6.0	1x3x6.0	1x3x10.0	1x3x10.0	1x3x10.0	1x3x16.0	1x3x16.0	1x3x25.0	1x3x25.0	1x3x25.0
150*	2x3x2.5	2x3x2.5	2x3x4.0	2x3x4.0	2x3x6.0	2x3x6.0	2x3x6.0	2x3x10.0	2x3x10.0	2x3x16.0	2x3x16.0	2x3x16.0

*For Star Delta starting, where double cable is required

SELF PRIMING MINI MONOBLOCK PUMPS

SINGLE PHASE 220V 50Hz 2850 RPM

Sr. No.	H.P.	ALU-CI BODY MODEL	DELIVERY SIZE	HEAD IN METERS								
				5	10	15	20	25	30	35	40	45
1	0.5	SPARK-80	25X25	30	24	18	12	6				
2	1	SPARK-150	25X25	48	39	33	29	26	23	18	15	
3	0.5	POWER GOLD-2	15X15	29	25	19	13	7				
4	1	POWER GOLD-1	25X25	36	33	29	25	20	15	5		
5	0.75	V-STAR-2 ALU	25X25	50	42	36	31	26	20	14	8	

SELF PRIMING MINI MONOBLOCK PUMPS

SINGLE PHASE 220V 50Hz 2850 RPM

Sr. No.	H.P.	CI BODY MODEL	DELIVERY SIZE	HEAD IN METERS								
				5	10	15	20	25	30	35	40	45
6	0.5	POWER GOLD-2 CI	15X15	29	25	19	13	7				
7	0.75	V-STAR-2 CI	25X25	50	42	36	31	26	20	14	8	



POWER GOLD ALU



V STAR CI



POWER GOLD CI



V STAR ALU



SPARK



IS : 8034/89



CM/L : 7631474

CENTRIFUGAL HIGH SPEED MONOBLOCK PUMP SET

SINGLE PHASE 220V 50Hz 2850 RPM

Sr. No.	MODEL	H.P.	DELIVERY SIZE	HEAD IN METERS																DISCHARGE IN LPM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																



IS : 8034/89



CML : 7631474



CENTRIFUGAL HIGH SPEED MONOBLOCK PUMP SET

THREE PHASE 415V 50Hz 2850 RPM

Sr. No.	MODEL	H.P.	DELIVERY SIZE	HEAD IN METERS														DISCHARGE IN LPM														
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34													
16	SMB3111	1	25*25									160	156	153	150	120	105	80	66	25												
17	SMB311515	1	38*38		410	380	360	300	130	90																						
18	SMB3122	1	50*50		490	440	430	350	180																							
19	SMB3222	2	50*50										480	435	400	370	340	285	250	175												
20	SMB32252	2	65*50				570	530	490	450	370	240																				
21	SMB3233	2	75*75	1030	1000	930	835	690	540	380																						
22	SMB3244	2	100*100	1120	960	800	600	400																								
23	SMB3322	3	50*50					555	550	530	510	480	450	400	360	310	260	200														
24	SMB33253	3	65*50						640	590	520	450	350	200																		
25	SMB3333	3	75*75	1035	1010	960	840	700	550	400																						
26	SMB3344	3	100*100			1080	1030	900	710	500																						
27	SMB3522	5	50*50								470	430	390	300	260	230	200	160														
28	SMB35252	5	65*50								800	750	700	630	600	550	450	300	280													
29	SMB35325	5	75*65			1050	980	920	870	820	790	710	685	620	530	460	320															
30	SMB3544	5	100*100	1850	1800	1750	1440	1380	1010	690																						



CENTRIFUGAL HIGH SPEED MONOBLOCK PUMP SET

THREE PHASE 415V 50Hz 2850 RPM

Sr. No.	MODEL	H.P.	DELIVERY SIZE	HEAD IN METERS							DISCHARGE IN LPM						
				18	24	28	30	32	36	40	44	48	52	54	56	60	
31	SMB375252	7.5	65*50					520	490	440	400	350	260				
32	SMB375325	7.5	75*65	1080	920	780	680	600									
33	SMB37544	7.5	100*100	1320	860												
34	SMB310252	10	65*50						530	460	440	400	380	350	330	300	
35	SMB310325	10	75*65	1310	1180	1090	1030	960	790	540							
36	SMB31044	10	100*100	1270	1000	950	860										





HORIZONTAL OPENWELL SS BODY MONOSET SINGLE PHASE 220V 50Hz 2850 RPM

Sr. No.	SS BODY		DELIVERY SIZE	HEAD IN METERS								DISCHARGE IN LPM							
	H.P.	MODEL		5	8	10	12	15	17	20	22	25	28	30	33	35	38	40	45
1	0.5	SSM1ES	25*25	100	90	70	60												
2	0.5	SSM1R	25*25	170	150	130	120	90	60										
3	0.5	SSM1F40	40*40	300	240	200													
4	0.5	SSM1F50	50*50	370	325	150													
5	0.75	SSM1R	25*25	240	205	200	185	150	130	100	90								
6	1	SSM1ES	25*25			200	190	180	150	130	100	80							
7	1	SSM1R	32*25				240	200	185	165	130	100	50						
8	1	SSM1HH	25*25																
9	1	SSM1F40	40*40	375	325	250	150	100											
10	1	SSM1F50	50*50	460	405	320	240												
11	1	SSM1F70	75*75	800	650														
12	1.5	SSM1HH	32*25						215	205	190	180	170	150	130	90	70	50	
13	1.5	SSM1R	40*40				250	230	220	195	170	135	90						
14	1.5	SSMF150	50*50	450	400	350	300	265	200	100									
15	1.5	SSMF170	75*75	800	710	600	550												
16	2	SSM1HH1	32*25							230	200	190	180	150	135	110	100	80	50
17	2	SSM1HH2	50*40					280	270	250	235	220	200	190	150	100			
18	2	SSM1R	50*50				380	355	300	250	220	180	100						
19	2	SSM1F70	75*75	900	810	700	650	450											

HORIZONTAL OPENWELL SS BODY MONOSET THREE PHASE 415V 50Hz 2850 RPM

Sr. No.	SS BODY		DELIVERY SIZE	HEAD IN METERS								DISCHARGE IN LPM							
	H.P.	MODEL		5	8	10	12	15	17	20	22	25	28	30	33	35	38	40	45
20	1	SSM3ES	25*25			200	190	180	150	130	100	80							
21	1	SSM3R	32*25				240	200	185	165	130	100	50						
22	1	SSM3HH	25*25																
23	1	SSM3F40	40*40	375	325	250	150	100											
24	1	SSM3F50	50*50	460	405	320	240												
25	1	SSM3F70	75*75	800	650														
26	1.5	SSM3HH	32*25						215	205	190	180	170	150	130	90	70	50	
27	1.5	SSM3R	40*40				250	230	220	195	170	135	90						
28	1.5	SSM3F50	50*50	450	400	350	300	265	200	100									
29	1.5	SSM3F70	75*75	800	710	600	550												
30	2	SSM3HH1	32*25							230	200	190	180	150	135	110	100	80	50
31	2	SSM3HH2	50*40					280	270	250	235	220	200	190	150	100			
32	2	SSM3R	50*50				380	355	300	250	220	180	100						
33	2	SSM3F70	75*75	900	810	700	650	450											



HORIZONTAL OPENWELL MONOSET CI BODY

SINGLE PHASE 220V 50Hz 2850 RPM

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		10	12	15	18	21	24	27	30	31
1	2	SCM712HH	50*50		380	355	280	220	190	150		
2	3	SCM713HH	65*50	650	570	550	480	410	380	280		
3	3	SCM713LH	65*65	680	600	580	500	430	400	250		
4	3	SCM813HH	65*50	690	620	600	520	450	420	280		
5	3	SCM813LH	65*65	700	640	620	540	470	440	300		
6	3	SCM913LH	65*65	800	760	720	670	600	500			
7	3	SCM913HH	65*50			650	750	500	440	360	250	180

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		15	18	21	24	27	30	34	36	40
8	5	SCM715HH	65*50		640	600	550	470	390	250		
9	5	SCM815HH	65*50				580	530	490	410	330	200
10	5	SCM815LH	65*65	970	880	790	690	580	390			

HORIZONTAL OPENWELL MONOSET CI BODY

TWO PHASE 415V 50Hz 2850 RPM

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		10	12	15	18	21	24	27	30	31
11	3	SCM723HH	65*50	650	570	550	480	410	380	280		
12	3	SCM723LH	65*65	680	600	580	500	430	400	250		
13	3	SCM823HH	65*50	690	620	600	520	450	420	280		
14	3	SCM823LH	65*65	700	640	620	540	470	440	300		

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		15	18	21	24	27	30	34	36	40
15	5	SCM725HH	65*50		640	600	550	470	390	250		
16	5	SCM825HH	65*50				580	530	490	410	330	200
17	5	SCM825LH	65*65	970	880	790	690	580	390			



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HORIZONTAL OPENWELL MONOSET CI BODY

THREE PHASE 415V 50Hz 2850 RPM

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		10	12	15	18	21	24	27	30	31
18	2	SCM732HH	50*50		380	355	280	220	190	150		
19	3	SCM733HH	65*50	650	570	550	480	410	380	280		
20	3	SCM733LH	65*65	680	600	580	500	430	400	250		
21	3	SCM833HH	65*50	690	620	600	520	450	420	280		
22	3	SCM833LH	65*65	700	640	620	540	470	440	300		
23	3	SCM933LH	65*65	800	760	720	670	600	500			
24	3	SCM933HH	65*50			650	750	500	440	360	250	180

HORIZONTAL OPENWELL MONOSET CI BODY

THREE PHASE 415V 50Hz 2850 RPM

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		15	18	21	24	27	30	34	36	40
25	5	SCM735HH	65*50		640	600	550	470	390	250		
26	5	SCM835HH	65*50				580	530	490	410	330	200
27	5	SCM835LH	65*65	970	880	790	690	580	390			
28	5	SCM935LH	65*65	1030	940	850	750	640	450			
29	5	SCM935HH	65*50				640	590	550	470	390	260

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		24	27	30	33	36	40	42	45	50
30	7.5	SCM9375LH	65*65	970	940	900	820	700	430			
31	7.5	SCM9375HH	65*50				660	610	540	500	420	250

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		28	30	33	36	39	42	45	49	54
32	10	SCM9310EL	75*75	1140	1060	960	860	750	600			
33	10	SCM9310LH	65*65	1300	1230	1150	1040	960	810	550	200	
34	10	SCM9310HH	65*50					1000	920	850	710	550



HORIZONTAL OPENWELL MONOSET CI BODY

**THREE PHASE 415V 50Hz 2850 RPM
EXTRA LOW HEAD CI BODY**

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		6	9	12	15	18	21	24	27	30
35	5	SCM935EL24	75*75	1300	1250	1200	1080	800	450	200		
36	5	SCM935EL21	100*100	1500	1340	1235	1130	600	220			
37	7.5	SCM9375EL30	75*75				1300	1250	1200	1080	800	700
38	7.5	SCM9375EL27	100*100		1800	1680	1480	1340	1235	1130	600	
39	10	SCM9310EL36	100*100		1900	1780	1660	1460	1320	1215	1110	980

HORIZONTAL OPENWELL MONOSET CI BODY

**THREE PHASE 415V 50Hz 2850 RPM
EXTRA HIGH HEAD CI BODY**

Sr. No.	CI BODY		DELIVERY SIZE	HEAD IN METERS								
	H.P.	MODEL		30	33	36	42	45	51	54	57	60
40	3	SCM933EH	65*50	220	180	140						
41	5	SCM935EH	65*50	570	530	470	320	140				
42	7.5	SCM9375EH	65*50			620	570	550	380	210	150	90



IS : 8034/89



CM/L : 7631474



VERTICAL OPENWELL SUBMERSIBLE PUMP SET RADIAL FLOW

415V 3PHASE 50Hz 2850 RPM

Sr. No.	MODEL	K.W.	H.P.	STAGE	DELIVERY SIZE	HEAD IN METERS										DISCHARGE IN LPM									
						16	22	25	28	30	36	41	44	48	52	58	66	70							

1	SVT3225	2.2	3	2	65	680	600	550	500	460	250													
2	SVT5225	3.7	5	2	65	740	690	630	590	560	440													
3	SVT5325	3.7	5	3	65	620	580	550	510	490	460	400	380	320	240									
4	SVT7523	5.5	7.5	2	75	810	750	700	660	610	550	340												
5	SVT75325	5.5	7.5	3	65	790	760	730	690	670	600	540	510	450	400	130								
6	SVT75425	5.5	7.5	4	65	620	610	600	590	570	510	500	480	410	380	310	180							
7	SVT1023	7.5	10	2	75	980	950	920	900	880	830													
8	SVT1033	7.5	10	3	75	880	850	820	800	780	730	680	650	580	490	380								
9	SVT10425	7.5	10	4	65	930	890	870	830	790	760	720	695	660	630	580	500	423						
10	SVT1223	9.3	12.5	2	75	1080	1050	1020	1000	980	930													
11	SVT1233	9.3	12.5	3	75	1020	990	970	940	880	830	780	750	680	590	480								
12	SVT12425	9.3	12.5	4	65	1030	990	970	930	890	860	820	795	760	730	680	600	523						
13	SVT1533	11	15	3	75	1080	1050	1020	1000	980	930	880	850	780	690	580								
14	SVT15425	11	15	4	65	980	950	920	900	880	830	780	750	680	590	480	400							
15	SVT15525	11	15	5	65	980	950	920	900	890	854	820	800	785	758	730	600	534						





Sr. No.	MODEL	K.W.	H.P.	STAGE	DELIVERY SIZE	HEAD IN METERS												
						10	15	20	25	30	35	40	45	50	55	60	65	70
						DISCHARGE IN LPM												
1	SVTMF5425	3.7	5	4	65	1400	1135	900	580	280								
2	SVTMF7523	5.5	7.5	2	75	1700	1540	1290	820	550								
3	SVTMF7533	5.5	7.5	3	75		1410	1230	1000	900	820	580	270					
4	SVTMF1024	7.5	10	2	100	1800	1600	1410	1130	800								
5	SVTMF1033	7.5	10	3	75		1470	1380	1280	1080	980	720	400					
6	SVTMF1043	7.5	10	4	75			1410	1250	1135	1000	900	820	580	270			
7	SVTMF12524	9.3	12.5	2	100	1970	1865	1475	1130	855								
8	SVTMF12533	9.3	12.5	3	75		1700	1610	1540	1290	1100	820	550					
9	SVTMF12543	9.3	12.5	4	75			1470	1360	1280	1150	1080	980	720	400			
10	SVTMF1524	11	15	2	100	2230	2125	2035	1930	1660	1480	1150	400					
11	SVTMF1534	11	15	3	100		1880	1760	1600	1410	1320	1030	755					
12	SVTMF1543	11	15	4	75			1700	1615	1540	1420	1290	1100	820	550			
13	SVTMF155	3.7	15	5	75				1470	1400	1135	1280	1150	1080	980	840	720	400

VERTICAL OPENWELL SUBMERSIBLE PUMP SET 50 FEET HEAD

415V 3PHASE 50Hz 2850 RPM

Sr. No.	MODEL	K.W.	H.P.	STAGE	DELIVERY SIZE	HEAD IN METERS										DISCHARGE IN LPM													
						35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110								
1	SVTSS5425	3.7	5	4	65	495	445	390	345	240																			
2	SVTMF5425	3.7	5	5	50		335	335	315	290	250	215	180																
3	SVTMF5425	5.5	7.5	4	65	600	550	510	440	370																			
4	SVTMF5425	5.5	7.5	5	65		535	495	465	430	390	350	270																
5	SVTMF5425	5.5	7.5	6	65				495	465	445	390	345	310	275	240													
6	SVTMF5425	5.5	7.5	7	50								355	335	315	305	290	250	215	200	180								
7	SVTMF5425	7.5	10	5	65		600	575	550	510	480	440	370																
8	SVTMF5425	7.5	10	6	50				560	515	475	455	420	380	340	260													
9	SVTMF5425	7.5	10	7	50					535	510	485	465	440	400	370	350	310	270										



V3 SUBMERSIBLE PUMP SET

220V; 1 Phase, 50 Hz, AC Supply 2850 RPM Bore Well Size - 75mm

MODEL : SP3-5

Sr. No.	Pump Type	H.P.	Stage	Qm ³ /h	1.32	1.56	1.74	2.1	2.4
				Lpm	22	26	29	35	40
				H/Stage	3.6	3.3	3	2.3	1.5
1	SPR3-0.05	0.50	10	Total Head In Meters Outlet Size 25 mm (1")	36	33	30	23	15
2	SPR3-0.05	0.50	12		43	40	36	28	18
3	SPR3-0.05	0.75	15		54	50	45	34	23
4	SPR3-0.05	1.00	16		58	53	48	37	24
5	SPR3-0.05	1.00	20		72	66	60	45	30
6	SPR3-0.05	1.25	25		90	83	75	56	38
7	SPR3-0.05	1.50	28		101	92	84	63	42
8	SPR3-0.05	1.50	30		108	99	90	69	45

MODEL : SP3-7

Sr. No.	Pump Type	H.P.	Stage	Qm ³ /h	2.22	2.4	2.58	3.0	3.36
				Lpm	37	40	43	50	56
				H/Stage	3.6	3.3	3.0	2.3	1.5
1	SPR3-0.07	0.50	7	Total Head In Meters Outlet Size 25 mm (1")	25	23	21	16	11
2	SPR3-0.07	0.50	8		29	26	24	18	12
3	SPR3-0.07	0.75	10		36	33	30	23	15
4	SPR3-0.07	1.00	12		43	40	36	28	18
5	SPR3-0.07	1.00	15		54	50	45	34	23
6	SPR3-0.07	1.25	16		58	53	48	36	24
7	SPR3-0.07	1.25	18		65	60	54	41	27
8	SPR3-0.07	1.50	20		72	66	60	45	30

MODEL : SP3-10

Sr. No.	Pump Type	H.P.	Stage	Qm ³ /h	2.82	3.18	3.6	4.4	4.98
				Lpm	47	53	60	73	83
				H/Stage	4.2	3.9	3.5	2.6	1.8
1	SPR3-0.01	0.50	5	Total Head In Meters Outlet Size 32 mm (1.25")	21	19	18	13	9
2	SPR3-0.01	0.75	7		29	27	25	18	12
3	SPR3-0.01	1.00	8		33	31	28	21	14
4	SPR3-0.01	1.00	9		38	35	32	24	16
5	SPR3-0.01	1.00	10		42	39	35	26	18
6	SPR3-0.01	1.25	12		50	46	42	32	21
7	SPR3-0.01	1.50	15		63	58	53	39	26



IS : 8034/89



CM/L : 7631474



V4 SUBMERSIBLE PUMP SET

2850 RPM BORE WELL SIZE - 100MM

MODEL : SP41

SP41S/SP41T/SP41ESS/SP41EST/SP41DS/SP41DT

REGULAR

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	1.2	1.5	1.8	2.1	2.7	3.3	3.9
					Lpm	20	25	30	35	45	55	65
					H/Stage	5.5	5	4.5	4	3	2.5	2.0
1	0.37	0.5	8	Total Head In Meters Outlet Size 32mm (1.25")	44	40	36	32	24	20	16	
2	0.37	0.5	10		55	50	45	40	30	25	20	
3	0.55	0.75	12		66	60	54	48	36	30	24	
4	0.75	1	15		83	75	68	60	45	38	30	
5	0.75	1	16		88	80	72	64	48	40	32	
6	0.75	1	18		99	90	81	72	54	45	36	
7	0.75	1	20		110	100	90	80	60	50	40	
8	1.1	1.5	24		132	120	108	96	72	60	48	
9	1.1	1.5	25		138	125	113	100	75	63	50	
10	1.5	2	30		165	150	135	120	90	75	60	
11	2.2	3	35		193	175	158	140	105	88	70	
12	3.7	5	50		275	250	225	200	150	125	100	

MODEL : SP42

SP42S/SP42T/SP42ESS/SP42EST/SP42DS/SP42DT

REGULAR

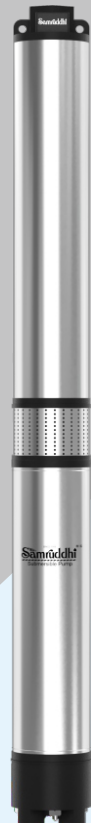
Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	1.5	1.8	2.1	2.7	3.3	3.9	4.5
					Lpm	25	30	35	45	55	65	75
					H/Stage	5.5	5	4.5	4	3	2.5	2.0
13	0.37	0.5	7	Total Head In Meters Outlet Size 32mm (1.25")	39	35	32	28	21	18	14	
14	0.55	0.75	10		55	50	45	40	30	25	20	
15	0.75	1	12		66	60	54	48	36	30	24	
16	0.75	1	14		77	70	63	56	42	35	28	
17	1.1	1.5	18		99	90	81	72	54	45	36	
18	1.1	1.5	20		110	100	90	80	60	50	40	
19	1.5	2	24		132	120	108	96	72	60	48	
20	1.5	2	25		138	125	113	100	75	63	50	
21	2.2	3	30		165	150	135	120	90	75	60	
22	3.7	5	40		220	200	180	160	120	100	80	
23	3.7	5	45		248	225	203	180	135	113	90	
24	4.5	6	50		275	250	225	200	150	125	100	



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 100MM

MODEL : SP44

SP44S/SP44T/SP44ESS/SP44EST/SP44DS/SP44DT

REGULAR

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	1.8	3	3.6	4.2	5.4	6	6.6
					Lpm	30	50	60	70	90	100	110
					H/Stage	5.5	5	4.5	4	3	2.5	2.0
25	0.37	0.5	5	Total Head In Meters Outlet Size 38mm (1.5")	28	25	23	20	15	13	10	
26	0.37	0.5	6		33	30	27	24	18	15	12	
27	0.55	0.75	8		44	40	36	32	24	20	16	
28	0.75	1	10		55	50	45	40	30	25	20	
29	1.1	1.5	12		66	60	54	48	36	30	24	
30	1.1	1.5	15		83	75	68	60	45	38	30	
31	1.5	2	18		99	90	81	72	54	45	36	
32	1.5	2	20		110	100	90	80	60	50	40	
33	2.2	3	25		138	125	113	100	75	63	50	
34	3.7	5	35		193	175	158	140	105	88	70	
35	4.5	6	40		220	200	180	160	120	100	80	
36	5.5	7.5	45		248	225	203	180	135	113	90	
37	5.5	7.5	50		275	250	225	200	150	125	100	

MODEL : SP45

SP45S/SP45T/SP45ESS/SP45EST/SP45DS/SP45DT

REGULAR

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	2.4	4.2	5.4	6	6.9	7.5	8.4
					Lpm	40	70	90	100	115	125	140
					H/Stage	5.5	5	4.5	4	3	2.5	2.0
38	0.55	0.75	5	Total Head In Meters Outlet Size 38mm (1.5")	28	25	23	20	15	13	10	
39	0.75	1	8		44	40	36	32	24	20	16	
40	1.1	1.5	10		55	50	45	40	30	25	20	
41	1.5	2	12		66	60	54	48	36	30	24	
42	1.5	2	15		83	75	68	60	45	38	30	
43	1.5	2	16		88	80	72	64	48	40	32	
44	2.2	3	18		99	90	81	72	54	45	36	
45	2.2	3	20		110	100	90	80	60	50	40	
46	3.7	5	25		138	125	113	100	75	63	50	
47	3.7	5	30		165	150	135	120	90	75	50	
48	4.5	6	35		193	175	158	140	105	88	70	
49	5.5	7.5	40		220	200	180	160	120	100	80	



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 100MM

MODEL : SP47

SP47S/SP47T/SP47ESS/SP47EST/SP47DS/SP7DT

REGULAR

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	4.2	6	7.2	8.4	9.6	10.8	12.3
					Lpm	70	100	120	140	160	180	205
					H/Stage	5.5	5	4.5	4	3	2.5	2.0
50	0.55	0.75	4	Total Head In Meters Outlet Size 50mm (2")	22	20	18	16	12	10	8	
51	0.75	1	5		28	25	23	20	15	13	10	
52	1.1	1.5	8		44	40	36	32	24	20	16	
53	1.5	2	10		55	50	45	40	30	25	20	
54	2.2	3	12		66	60	54	48	36	30	24	
55	2.2	3	15		83	75	68	60	45	38	30	
56	3.7	5	18		99	90	81	72	54	45	36	
57	3.7	5	20		110	100	90	80	60	50	40	
58	4.5	6	25		138	125	113	100	75	63	50	
59	5.5	7.5	30		165	150	135	120	90	75	60	
60	5.5	7.5	35		193	175	158	140	105	88	70	

MODEL : SP412

SP412S/SP412T/SP412ESS/SP412EST/SP412DS/SP412DT

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	5.1	7.8	10.2	12.6	13.8	15	16.2
					Lpm	85	130	170	210	230	250	270
					H/Stage	5.0	4.5	4	3.5	2.5	2.0	1.5
61	1.5	2	6	Total Head In Meters Outlet Size 50mm (2")	30	27	24	21	15	12	9	
62	2.2	3	9		45	41	36	32	23	18	14	
63	2.2	3	10		50	45	40	35	25	20	15	
64	3.7	5	16		80	72	64	56	40	32	24	
65	4.5	6	20		100	90	80	70	50	40	30	
66	5.5	7.5	25		125	113	100	88	63	50	38	

MODEL : SP418

SP418S/SP418T/SP418ESS/SP418EST/SP418DS/SP18DT

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	5.7	8.4	12.6	16.2	18.6	22.2	23.4
					Lpm	95	140	210	270	310	370	390
					H/Stage	4.5	4	3.5	3	2.5	2.0	1.5
67	1.5	2	4	Total Head In Meters Outlet Size 50mm (2")	18	16	14	12	10	8	6	
68	2.2	3	6		27	24	21	18	15	12	9	
69	2.2	3	7		32	28	25	21	18	14	11	
70	2.2	3	8		36	32	28	24	20	16	12	
71	3.7	5	12		54	48	42	36	30	24	18	
72	3.7	5	14		63	56	49	42	35	28	21	
73	4.5	6	18		81	72	63	54	45	36	27	
74	5.5	7.5	20		90	80	70	60	50	40	30	



IS : 8034/89



CM/L : 7631474



Samruddhi

Submersible Pump

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BORE WELL SIZE - 100MM

MODEL : SP420

SP420S/SP420T/SP420ESS/SP420EST/SP420DS/SP20DT

CI BOWL MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	5.1	7.8	12	15.0	18	21	22.2
				Lpm	85	130	200	250	300	350	370
				H/Stage	4.5	4	3.5	3	2.5	2	1.5
75	1.5	2	7	Total Head In Meters Outlet Size 65mm (2.5")	32	28	25	21	18	14	11
76	2.2	3	9		41	36	32	27	23	18	14
77	2.2	3	10		45	40	35	30	25	20	15
78	3.7	5	14		63	56	49	42	35	28	21
79	3.7	5	15		68	60	53	45	38	30	23
80	4.5	6	16		72	64	54	48	40	32	24
81	5.5	7.5	18		84	72	63	54	45	36	27

MODEL : SP425

SP425S/SP425T/SP425ESS/SP425EST/SP425DS/SP25DT

CI BOWL MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	6.6	9.6	14.4	18.0	19.8	23.4	25.2
				Lpm	110	160	240	300	330	390	420
				H/Stage	4.5	4	3.5	3	2.5	2	1.5
80	1.5	2	6	Total Head In Meters Outlet Size 65mm (2.5")	27	24	21	18	15	12	9
81	2.2	3	7		32	28	25	21	18	14	11
82	2.2	3	8		36	32	28	24	20	16	12
83	3.7	5	12		54	48	42	36	30	24	18
84	4.5	6	14		63	56	49	42	35	28	21
85	5.5	7.5	16		72	64	54	48	40	32	24



IS : 8034/89



CM/L : 7631474



V4 SUBMERSIBLE PUMP SET

APPROXIMATE PERFORMANCE CHART AT 2850 RPM, 50 Hz Ac Supply **BORE WELL SIZE - 100MM**

MODEL : SP4R1

R SERIES

SP4R1S/SP4R1T/SP4R1ESS/SP4R1EST/SP4R1DS/SP4R1DT

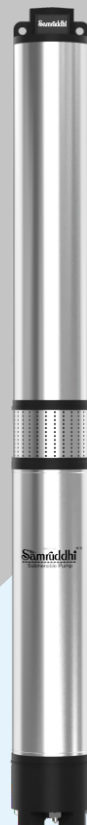
Sr. No.	K.W.	H.P.	Stage	Qm ³ /h Lpm	0	0.9	1.2	1.5	1.8	2.1	2.4	3
					0	15	20	25	30	35	40	50
1	0.37	0.5	7	Total Head In Meters Outlet Size 32mm (1.25")	49	46	43	40	35	29	20	10
2	0.55	0.75	10		70	65	62	57	50	41	29	14
3	0.75	1	12		84	78	74	68	60	49	35	17
4	0.75	1	13		91	85	81	74	65	53	38	18
5	0.75	1	14		98	91	87	80	70	57	41	20
6	0.75	1	15		105	98	93	86	75	62	44	21
7	0.75	1	16		112	104	99	91	80	66	46	22
8	1.1	1.5	18		126	117	112	103	90	74	52	25
9	1.1	1.5	19		133	124	118	108	95	78	55	27
10	1.1	1.5	20		140	130	124	114	100	82	58	28
11	1.5	2	23		161	150	143	131	115	94	67	32
12	1.5	2	24		168	156	149	137	120	98	70	34
13	1.5	2	25		175	163	155	143	125	103	73	35
14	2.2	3	36		252	234	223	205	180	148	104	50
15	2.2	3	37		259	241	229	211	185	152	107	52
16	2.2	3	38		266	247	236	217	190	156	110	53
17	2.2	3	39		273	254	242	222	195	160	113	55
18	2.2	3	40		280	260	248	228	200	164	116	56



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 100MM

MODEL : SP4R2

R SERIES

SP4R2S/SP4R2T/SP4R2ESS/SP4R2EST/SP4R2DS/SP4R2DT

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h Lpm	0	1.2	1.5	1.8	2.4	3	3.3	3.6
					0	20	25	30	40	50	55	60
1	0.37	0.5	6	Total Head In Meters Outlet Size 32mm (1.25")	45	41	39	35	30	22	16	10
2	0.55	0.75	8		60	54	52	47	40	29	22	13
3	0.55	0.75	9		68	61	59	53	45	32	24	14
4	0.75	1	10		75	68	65	59	50	36	27	16
5	0.75	1	11		83	75	72	65	55	40	30	18
6	0.75	1	12		90	82	78	71	60	43	32	19
7	1.1	1.5	14		105	95	91	83	70	50	38	22
8	1.1	1.5	15		113	102	98	89	75	54	41	24
9	1.1	1.5	16		120	109	104	94	80	58	43	26
10	1.1	1.5	17		128	116	111	100	85	61	46	27
11	1.5	2	18		135	122	117	106	90	65	49	29
12	1.5	2	19		143	129	124	112	95	68	51	30
13	1.5	2	20		150	136	130	118	100	72	54	32
14	1.5	2	21		158	143	137	124	105	76	57	34
15	1.5	2	22		165	150	143	130	110	79	59	35
16	2.2	3	25		188	170	163	148	125	90	68	40
17	2.2	3	26		195	177	169	153	130	94	70	42
18	2.2	3	27		203	184	176	159	135	97	73	43
19	2.2	3	28		210	190	182	165	140	101	76	45
20	2.2	3	29		218	197	189	171	145	104	78	46
21	2.2	3	30		225	204	195	177	150	108	81	48
22	2.2	3	31		233	211	202	183	155	112	84	50
23	2.2	3	32		240	218	208	189	160	115	86	51
24	2.2	3	33		248	221	215	195	165	119	89	53
25	2.2	3	34		255	231	221	201	170	122	92	54
26	2.2	3	35		263	238	228	207	175	126	95	56
27	3	4	45		338	306	293	266	225	162	122	72
28	3.7	5	50		375	340	325	295	250	180	135	80



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 100MM

MODEL : SP4R3

R SERIES

SP4R3S/SP4R3T/SP4R3ESS/SP4R3EST/SP4R3DS/SP4R3DT

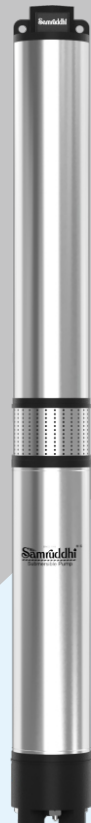
Sr. No.	K.W.	H.P.	Stage	Qm ³ /h Lpm	0	1.5	2.1	3	3.9	4.2	4.8	5.4
					0	25	35	50	65	70	80	90
1	0.55	0.75	5	Total Head In Meters Outlet Size 32mm (1.25")	40	38	36	32	25	21	16	9
2	0.55	0.75	6		48	46	44	38	30	25	19	11
3	0.75	1	7		56	53	51	44	35	29	22	13
4	0.75	1	8		64	61	58	51	40	34	26	14
5	0.75	1	9		72	68	66	57	45	38	29	16
6	1.1	1.5	10		80	76	73	64	50	42	32	18
7	1.1	1.5	11		88	84	80	70	55	46	35	20
8	1.1	1.5	12		96	91	87	76	60	50	38	22
9	1.5	2	13		104	99	95	83	65	55	42	23
10	1.5	2	14		112	106	102	89	70	59	45	25
11	1.5	2	15		120	114	109	95	75	63	48	27
12	1.5	2	16		128	122	116	102	80	67	51	29
13	2.2	3	19		152	144	138	121	95	80	61	34
14	2.2	3	20		160	152	146	127	100	84	64	36
15	2.2	3	21		168	160	153	133	105	88	67	38
16	2.2	3	22		176	167	160	140	110	92	70	40
17	2.2	3	23		184	175	167	146	115	97	74	41
18	2.2	3	24		192	182	175	152	120	101	77	43
19	2.2	3	26		208	198	189	165	130	109	83	47
20	3	4	28		224	213	204	178	140	118	90	50
21	3	4	30		240	228	218	191	150	126	96	54
22	3.7	5	31		248	236	226	197	155	130	99	56
23	3.7	5	32		256	243	233	203	160	134	102	58
24	3.7	5	33		264	251	240	210	165	139	106	59
25	3.7	5	34		272	258	248	216	170	143	109	61
26	3.7	5	35		280	266	255	222	175	147	112	63
27	3.7	5	36		288	274	262	229	180	151	115	65
28	3.7	5	38		304	289	277	241	190	160	122	68
29	3.7	5	40		320	304	291	254	200	168	128	72
30	4.5	6	45		360	342	328	286	225	189	144	81



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 100MM

MODEL : SP4R5

R SERIES

SP4R5S/SP4R5T/SP4R5ESS/SP4R5EST/SP4R5DS/SP4R5DT

Sr. No.	K.W.	H.P.	Stage	Qm³/h Lpm	0	2.4	3.3	4.2	5.4	6	6.6	7.5
					0	40	55	70	90	100	110	125
1	0.75	1	5	Total Head In Meters Outlet Size 38mm (1.5")	40	37	34	31	25	23	18	12
2	0.75	1	6		48	44	41	37	30	27	22	14
3	1.1	1.5	7		56	51	48	43	35	32	25	16
4	1.1	1.5	8		64	58	54	49	40	36	29	18
5	1.1	1.5	9		72	66	61	55	45	41	32	21
6	1.5	2	10		80	73	68	61	50	45	36	23
7	1.5	2	11		88	80	75	67	55	50	40	25
8	1.5	2	12		96	88	82	73	60	54	43	28
9	2.2	3	15		102	110	102	92	75	68	54	35
10	2.2	3	16		128	117	109	98	80	72	58	37
11	2.2	3	17		136	124	116	104	85	77	61	39
12	2.2	3	18		144	131	122	110	90	81	65	41
13	3	4	20		160	146	136	122	100	90	72	46
14	3	4	21		168	153	143	128	105	95	76	48
15	3.7	5	25		200	183	170	153	125	113	90	58
16	3.7	5	27		216	197	184	165	135	122	97	62
17	4.5	6	30		240	219	204	183	150	135	108	69
18	4.5	6	32		256	234	218	195	160	144	115	74
19	5.5	7.5	40		320	292	272	244	200	180	144	92



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 100MM

MODEL : SP4R7

R SERIES

SP4R7S/SP4R7T/SP4R7ESS/SP4R7EST/SP4R7DS/SP4R7DT

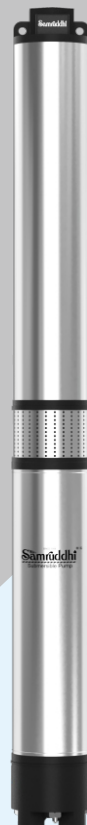
Sr. No.	K.W.	H.P.	Stage	Qm ³ /h Lpm	0	3.9	4.8	5.7	7.2	8.1	8.4	9
					0	65	80	95	120	135	140	150
1	0.75	1	4	Total Head In Meters Outlet Size 38mm (1.5")	32	28	26	24	20	16	14	11
2	1.1	1.5	6		48	42	39	36	30	25	21	17
3	1.5	2	8		64	56	52	48	40	33	28	22
4	1.5	2	9		72	63	59	54	45	37	32	25
5	1.5	2	10		80	70	66	60	50	41	35	28
6	2.2	3	12		96	84	79	72	60	49	42	34
7	2.2	3	13		104	91	85	78	65	53	46	36
8	2.2	3	14		112	98	92	84	70	57	49	39
9	2.2	3	15		120	105	98	90	75	62	53	42
10	3	4	16		128	112	105	96	80	66	56	45
11	3.7	5	20		160	140	131	120	100	82	70	56
12	3.7	5	21		168	147	138	126	105	86	74	59
13	3.7	5	22		176	154	144	132	110	90	77	62
14	3.7	5	23		184	161	151	138	115	94	81	64
15	3.7	5	24		192	168	157	144	120	98	84	67
16	3.7	5	25		202	175	164	150	125	103	88	70
17	4.5	6	25		202	175	164	150	125	103	88	70
18	5.5	7.5	30		240	210	197	180	150	123	105	84



IS : 8034/89



CM/L : 7631474



V5 SUBMERSIBLE PUMP SET

APPROXIMATE PERFORMANCE CHART AT 2850 RPM, 50 Hz Ac Supply BORE WELL SIZE - 125MM

MODEL : SK5-25

RADIAL FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	1.8	3	3.9	5.7	6.4	7.2
				Lpm	0	30	50	65	95	107	120
				H/Stage	8.5	8	7.5	7	6	5	4
1	1.1	1.5	6	Total Head In Meters Outlet Size 50mm (2")	51	48	45	42	36	30	24
2	1.5	2	8		68	64	60	56	48	40	32
3	2.2	3	12		102	96	90	84	72	60	48
4	3	4	15		128	120	113	105	90	75	60
5	3.7	5	18		153	144	135	126	108	90	72
6	3.7	5	20		170	160	150	140	120	100	80
7	4.5	6	24		204	192	180	168	144	120	96
8	4.5	6	25		213	200	188	175	150	125	100
9	5.5	7.5	30		255	240	225	210	180	150	120
10	5.5	7.5	32		272	256	240	224	192	160	128
11	7.5	10	40		340	320	300	280	240	200	160

MODEL : SK5-30

				RADIAL FLOW							
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	4.2	5.1	6.3	8.1	9	10.2
				Lpm	0	70	85	105	135	150	170
				H/Stage	8.7	8	7.5	7	6	5	4
1	1.1	1.5	5	Total Head In Meters Outlet Size 50mm (2")	44	40	38	35	30	25	20
2	1.5	2	6		52	48	45	42	36	30	24
3	2.2	3	10		87	80	75	70	60	50	40
4	3	4	12		104	96	90	84	72	60	48
5	3.7	5	15		131	120	113	105	90	75	60
6	4.5	6	18		157	144	135	126	108	90	72
7	4.5	6	20		174	160	150	140	120	100	80
8	5.5	7.5	25		218	200	188	175	150	125	100
9	7.5	10	30		261	240	225	210	180	150	120
10	7.5	10	35		305	280	263	245	210	175	140
11	9.3	12.5	40		348	320	300	280	240	200	160



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 125MM

MODEL : SK5-40

RADIAL FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	7.2	8.4	9.3	10.2	11.4	12.6
					Lpm	0	120	140	155	170	190	210
					H/Stage	9.5	8	7.5	7	6	5	4
1	1.1	1.5	4	Total Head In Meters Outlet Size 50mm (2")	38	32	30	28	24	20	16	
2	1.5	2	5		48	40	38	35	30	25	20	
3	2.2	3	8		76	64	60	56	48	40	32	
4	3	4	10		93	80	75	70	60	50	40	
5	3.7	5	12		112	96	90	84	72	60	48	
6	4.5	6	15		140	120	113	105	90	75	60	
7	5.5	7.5	18		167	144	135	126	108	90	72	
8	5.5	7.5	20		186	160	150	140	120	100	80	
9	7.5	10	25		233	200	188	175	150	125	100	
10	9.3	12.5	30		279	240	225	210	180	150	120	
11	9.3	12.5	35		326	280	263	245	210	175	140	
12	11	15	40		372	320	300	280	240	200	160	

MODEL : SK5-50

RADIAL FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	8.1	9.3	10.2	11.4	12.6	13.8
					Lpm	0	135	155	170	190	210	230
					H/Stage	10	8	7.5	7	6	5	4
1	1.1	1.5	3	Total Head In Meters Outlet Size 50mm (2")	30	24	23	21	18	15	12	
2	1.5	2	4		40	32	30	28	24	20	16	
3	2.2	3	6		60	48	45	42	36	30	24	
4	3	4	8		80	64	60	56	48	40	32	
5	3.7	5	10		100	80	75	70	60	50	40	
6	4.5	6	12		120	96	90	84	72	60	48	
7	5.5	7.5	15		150	120	113	105	90	75	60	
8	7.5	10	20		200	160	150	140	120	100	80	
9	9.3	12.5	25		250	200	188	175	150	125	100	
10	11	15	30		300	240	225	210	180	150	120	



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 125MM

MODEL : SK5-60

RADIAL FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	8.7	9.9	10.8	12.6	13.8	15
				Lpm	0	145	165	180	210	230	250
				H/Stage	10	8	7.5	7	6	5	4
1	1.5	2	3	Total Head In Meters Outlet Size 50mm (2")	30	24	23	21	18	15	12
2	2.2	3	5		50	40	38	35	30	25	20
3	3	4	6		60	48	45	42	36	30	24
4	3.7	5	8		80	64	60	56	48	40	32
5	4.5	6	10		100	80	75	70	60	50	40
6	5.5	7.5	12		120	96	90	84	72	60	48
7	7.5	10	16		160	128	120	112	96	80	64
8	9.3	12.5	20		200	160	150	140	120	100	80
9	11	15	25		250	200	188	175	150	125	100

MODEL : SK5-80

RADIAL FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	12.9	13.8	14.4	15.6	16.2	17.4
				Lpm	0	215	230	240	260	270	290
				H/Stage	10	8	7.5	7	6	5	4
1	2.2	3	4	Total Head In Meters Outlet Size 50mm (2")	40	32	30	28	24	20	16
2	3	4	5		50	40	38	35	30	25	20
3	3.7	5	6		60	48	45	42	36	30	24
4	4.5	6	8		80	64	60	56	48	40	32
5	5.5	7.5	10		100	80	75	70	60	50	40
6	7.5	10	12		120	96	90	84	72	60	48
7	9.3	12.5	15		150	120	113	105	90	75	60
8	11	15	18		180	144	135	126	108	90	72
9	11	15	20		200	160	150	140	120	100	80

MODEL : SK5-100

RADIAL FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	16.5	17.4	18.0	19.2	20.4	21.6
				Lpm	0	275	290	300	320	340	360
				H/Stage	10	8	7.5	7	6	5	4
1	2.2	3	3	Total Head In Meters Outlet Size 50mm (2")	30	24	23	21	18	15	12
2	3	4	4		40	32	30	28	24	20	16
3	3.7	5	5		50	40	38	35	30	25	20
4	4.5	6	6		60	48	45	42	36	30	24
5	5.5	7.5	8		80	64	60	56	48	40	32
6	7.5	10	10		100	80	75	70	60	50	40
7	9.3	12.5	12		120	96	90	84	72	60	48
8	11	15	15		150	120	113	105	90	75	60



V5 SUBMERSIBLE PUMP SET

APPROXIMATE PERFORMANCE CHART AT 2850 RPM, 50 Hz Ac Supply **BORE WELL SIZE - 125MM**

MODEL : SB5-08

MIX FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	19.2	21	22.8	25.2	28.8	32.2
				Lpm	0	320	350	380	420	480	520
				H/Stage	10	8	7.5	7	6	5	4
1	1.5	2	3	Total Head In Meters Outlet Size 65mm (2.5")	30	24	22.5	21	18	15	12
2	2.2	3	4		40	32	30	28	24	20	16
3	3	4	5		50	40	38	35	30	25	20
4	3.7	5	6		60	48	45	42	36	30	24
5	4.5	6	7		70	56	52.5	49	42	35	28
6	4.5	6	8		80	64	60	56	48	40	32
7	5.5	7.5	10		100	80	75	70	60	50	40
8	7.5	10	12		120	96	90	84	72	60	48
9	9.3	12.5	15		150	120	113	105	90	75	60

MODEL : SB5-10

MIX FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	18	22.2	25.8	28.2	30.6	33
				Lpm	0	300	372	430	470	510	550
				H/Stage	10.5	9	8	7	6	5	4
1	2.2	3	3	Total Head In Meters Outlet Size 65/75mm (2.5"/ 3.0")	32	27	24	21	18	15	12
2	3	4	4		42	36	32	28	24	20	16
3	3.7	5	5		53	45	40	35	30	25	20
4	4.5	6	6		63	54	48	42	36	30	24
5	5.5	7.5	8		84	72	64	56	48	40	32
6	7.5	10	10		105	90	80	70	60	50	40
7	9.3	12.5	12		126	108	96	84	72	60	48
8	11	15	15		158	135	120	105	90	75	60

MODEL : SB5-12

MIX FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	16.2	27	32.4	37.2	41.4	46.2
				Lpm	0	270	450	540	620	690	770
				H/Stage	11	9	8	7	6	5	4
1	2.2	3	2	Total Head In Meters Outlet Size 65/75mm (2.5"/ 3.0")	22	18	16	14	12	10	8
2	3	4	3		33	27	24	21	18	15	12
3	3.7	5	4		44	36	32	28	24	20	16
4	4.5	6	5		55	45	40	35	30	25	20
5	5.5	7.5	6		66	54	48	42	36	30	24
6	7.5	10	8		88	72	64	56	48	40	32
7	9.3	12.5	10		110	90	80	70	60	50	40
8	11	15	12		132	108	96	84	72	60	48



IS : 8034/89



CM/L : 7631474



BORE WELL SIZE - 125MM

MODEL : SB5-15

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	18.6	29.4	35.1	39.6	43.2	49.2
				Lpm	0	310	490	585	660	720	820
				H/Stage	11	9	8	7	6	5	4
1	3.7	5	3	Total Head In Meters Outlet Size 65/75mm (2.5"/ 3.0")	33	27	24	21	18	15	12
2	4.5	6	4		44	36	32	28	24	20	16
3	5.5	7.5	5		55	45	40	35	30	25	20
4	7.5	10	6		66	54	48	42	36	30	24
5	7.5	10	7		77	63	56	49	42	35	28
6	9.3	12.5	8		88	72	64	56	48	40	32
7	9.3	12.5	9		99	81	72	63	54	45	36
8	11	15	10		110	90	80	70	60	50	40



IS : 8034/89



CM/L : 7631474



V6 SUBMERSIBLE PUMP SET

Suitable for 150 mm (6") Bore Well
 Approx Performance Chart at 2880 RPM, 50Hz AC Supply

MODEL : SK-30

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h Lpm H/Stage	RADIAL FLOW						
					0	2.4	4.8	7.2	8.4	10.8	14.4
					0	40	80	120	140	180	240
1	2.2	3	8	Total Head In Meters Outlet Size 50mm (2")	10	9	8	7	6	4	0.4
2	2.2	3	9		80	72	64	56	48	32	3
3	2.2	3	10		90	81	72	63	54	36	4
4	3	4	12		100	90	80	70	60	40	4
5	3	4	13		120	108	96	84	72	48	5
6	3	4	14		130	117	104	91	78	52	5
7	3.7	5	15		140	126	112	98	84	56	6
8	3.7	5	16		150	135	120	105	90	60	6
9	3.7	5	17		160	144	128	112	96	64	6
10	4.5	6	18		170	153	136	119	102	68	7
11	4.5	6	20		180	162	144	126	108	72	7
12	5.5	7.5	24		200	180	160	140	120	80	8
13	5.5	7.5	25		240	216	192	168	144	96	10
14	5.5	7.5	26		250	225	200	175	150	100	10
15	7.5	10	28		260	234	208	182	156	104	10
16	7.5	10	30		280	252	224	196	168	112	11
17	7.5	10	32		300	270	240	210	180	120	12
18	9.3	12.5	35		320	288	256	224	192	128	13
19	9.3	12.5	39		350	315	280	245	210	140	14
20	9.3	12.5	40		390	351	312	273	234	156	16
					400	360	320	280	240	160	16



IS : 8034/89



CM/L : 7631474



MODEL : SK-40

					RADIAL FLOW						
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	4.8	7.2	9.6	12.6	14.4	17.7
				Lpm	0	80	120	160	210	240	295
				H/Stage	10	9	8	7	6	4	0.5
1	2.2	3	6	Total Head In Meters Outlet Size 50mm (2")	60	54	48	42	36	24	3
2	2.2	3	7		70	63	56	49	42	28	4
3	2.2	3	8		80	72	64	56	48	32	4
4	3	4	10		100	90	80	70	60	40	5
5	3.7	5	12		120	108	96	84	72	48	6
6	4.5	6	14		140	126	112	98	84	56	7
7	4.5	6	15		150	135	120	105	90	60	8
8	4.5	6	16		160	144	128	112	96	64	8
9	5.5	7.5	18		180	162	144	126	108	72	9
10	5.5	7.5	20		200	180	160	140	120	80	10
11	7.5	10	22		220	198	176	154	132	88	11
12	7.5	10	24		240	216	192	168	144	96	12
13	7.5	10	25		250	225	200	175	150	100	13
14	9.3	12.5	28		280	252	224	196	168	112	14
15	9.3	12.5	30		300	270	240	210	180	120	15
16	9.3	12.5	32		320	288	256	224	192	128	16
17	11	15	35		350	315	280	245	210	140	17
18	11	15	39		390	351	312	273	234	156	19
19	11	15	40		400	360	320	280	240	160	20



IS : 8034/89



CM/L : 7631474



MODEL : SK-50

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h Lpm H/Stage	RADIAL FLOW						
					0	6.6	10.5	11.4	13.2	15.6	18.6
					0	110	175	190	220	260	310
Total Head In Meters Outlet Size 50mm (2")	1	2.2	3	5	11	9	8	7	6	4	0.6
					55	45	40	35	30	20	3
					66	54	48	42	36	24	4
					77	63	56	49	42	28	4
					88	72	64	56	48	32	5
					110	90	80	70	60	40	6
					132	108	96	84	72	48	7
					154	126	112	98	84	56	8
					165	135	120	105	90	60	9
					176	144	128	112	96	64	10
					198	162	144	126	108	72	11
					220	180	160	140	120	80	12
					264	216	192	164	144	96	14
					275	225	200	175	150	100	15
					286	234	208	182	156	104	16
					308	252	224	196	168	112	17
					330	270	240	210	180	120	18
					352	288	256	224	192	128	19
					385	315	280	245	210	140	21
					418	342	304	266	228	152	23
					429	351	312	273	234	156	23
					440	360	320	280	240	160	24



IS : 8034/89



CM/L : 7631474



MODEL : SK-60

					RADIAL FLOW						
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	11.1	12.9	14.7	16.8	18	21.6
				Lpm	0	185	215	245	280	300	360
				H/Stage	11	9	8	7	6	4	0.7
1	2.2	3	5	Total Head In Meters Outlet Size 50mm (2")	55	45	40	35	30	20	4
2	3	4	6		66	54	48	42	36	24	4
3	3	4	7		77	63	56	49	42	28	5
4	3.7	5	8		88	72	64	56	48	32	6
5	4.5	6	10		110	90	80	70	60	40	7
6	5.5	7.5	12		132	108	96	84	72	48	8
7	7.5	10	15		165	135	120	105	90	60	11
8	7.5	10	16		176	144	128	112	96	64	11
9	9.3	12.5	18		198	162	144	126	108	72	13
10	9.3	12.5	20		220	180	160	140	120	80	14
11	11	15	22		242	198	176	154	132	88	15
12	11	15	24		264	216	192	168	144	96	17
13	11	15	25		275	225	200	175	150	100	18
14	11	15	26		286	234	208	182	156	104	18
15	13	17.5	28		308	252	224	196	168	112	20
16	13	17.5	30		330	270	240	210	180	120	21
17	15	20	32		352	288	256	224	192	128	22
18	15	20	35		385	315	280	245	210	140	24
19	18.5	25	38		418	342	304	266	228	152	27
20	18.5	25	39		429	351	312	273	234	156	27
21	18.5	25	40		440	360	320	280	240	160	28



IS : 8034/89



CM/L : 7631474



MODEL : SK-70

RADIAL FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	12	14.7	17.7	18.6	22.2	24.9
				Lpm	0	200	245	295	310	370	415
				H/Stage	11.5	9	8	7	6	4	0.8
1	2.2	3	4	Total Head In Meters Outlet Size 50mm (2")	46	36	32	28	24	16	3
2	3	4	5		58	45	40	35	30	20	4
3	3	4	6		69	54	48	42	36	24	5
4	3.7	5	7		81	63	56	49	42	28	6
5	4.5	6	8		92	72	64	56	48	32	6
6	5.5	7.5	10		115	90	80	70	60	40	8
7	7.5	10	12		138	108	96	84	72	48	10
8	7.5	10	14		161	126	112	98	84	56	11
9	7.5	10	15		173	135	120	105	90	60	12
10	9.3	12.5	16		184	144	128	112	96	64	13
11	9.3	12.5	18		207	162	144	126	108	72	14
12	11	15	20		230	180	160	140	120	80	16
13	11	15	22		253	198	176	154	132	88	18
14	13	17.5	24		276	216	192	168	144	96	19
15	13	17.5	25		288	225	200	175	150	100	20
16	15	20	26		299	234	208	182	156	104	21
17	15	20	28		322	252	224	196	168	112	22
18	18.5	25	30		345	270	240	210	180	120	24
19	18.5	25	32		368	288	256	224	192	128	26
20	18.5	25	36		414	324	288	252	216	144	29
21	22	30	38		437	342	304	266	228	152	31
22	22	30	40		460	360	320	280	240	160	32



IS : 8034/89



CM/L : 7631474



MODEL : SK-80

					RADIAL FLOW						
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	13.8	17.4	19.2	21	22.8	29.4
				Lpm	0	230	290	320	350	380	490
				H/Stage	12	10	9	8	7	6	0.9
1	2.2	3	4	Total Head In Meters Outlet Size 50mm (2")	48	40	36	32	28	24	4
2	3	4	5		60	50	45	40	35	30	5
3	3.7	5	6		72	60	54	48	42	36	5
4	4.5	6	7		84	70	63	56	49	42	6
5	4.5	6	8		96	80	72	64	56	48	7
6	5.5	7.5	9		108	90	81	72	63	54	8
7	5.5	7.5	10		120	100	90	80	70	60	9
8	7.5	10	12		144	120	108	96	84	72	11
9	9.3	12.5	14		168	140	126	112	98	84	13
10	9.3	12.5	15		180	150	135	120	105	90	14
11	9.3	12.5	16		192	160	144	128	112	96	15
12	11	15	18		216	180	162	144	126	108	16
13	13	17.5	20		240	200	180	160	140	120	18
14	13	17.5	22		264	220	198	176	154	132	20
15	15	20	24		288	240	216	192	168	144	22
16	15	20	25		300	250	225	200	175	150	23
17	18.5	25	28		336	280	252	224	196	168	25
18	18.5	25	30		360	300	270	240	210	180	27
19	18.5	25	32		384	320	288	256	224	192	29
20	22	30	38		456	380	342	304	266	228	34
21	22	30	40		480	400	360	320	280	240	36



IS : 8034/89



CM/L : 7631474



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MODEL : SK-100

RADIAL FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	16.2	19.2	21.6	23.4	25.2	31.8
				Lpm	0	270	320	360	390	420	530
				H/Stage	13	10	9	8	7	6	1
1	2.2	3	3	Total Head In Meters Outlet Size 50mm (2")	39	30	27	24	21	18	3
2	3	4	4		52	40	36	32	28	24	4
3	3.7	5	5		65	50	45	40	35	30	5
4	4.5	6	6		78	60	54	48	42	36	6
5	5.5	7.5	7		91	70	63	56	49	42	7
6	5.5	7.5	8		104	80	72	64	56	48	8
7	7.5	10	9		117	90	81	72	63	54	9
8	7.5	10	10		130	100	90	80	70	60	10
9	7.5	10	11		143	110	99	88	77	66	11
10	9.3	12.5	12		156	120	108	96	84	72	12
11	9.3	12.5	13		169	130	117	104	91	78	13
12	11	15	14		182	140	126	112	98	84	14
13	11	15	15		195	150	135	120	105	90	15
14	11	15	16		208	160	144	128	112	96	16
15	13	17.5	18		234	180	162	144	126	108	18
16	15	20	20		260	200	180	160	140	120	20
17	18.5	25	22		286	220	198	176	154	132	22
18	18.5	25	25		325	250	225	200	175	150	25
19	22	30	28		364	280	252	224	196	168	28
20	22	30	29		377	290	261	232	203	174	29
21	22	30	30		390	300	270	240	210	180	30



IS : 8034/89



CM/L : 7631474



MODEL : SK-125

					RADIAL FLOW						
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	16.2	19.8	22.2	25.5	27.3	36.6
				Lpm	0	270	330	370	425	455	610
				H/Stage	13	11	10	9	8	7	1
1	3	4	3	Total Head In Meters Outlet Size 50mm (2")	39	33	30	27	24	21	3
2	3.7	5	4		52	44	40	36	32	28	4
3	4.5	6	5		65	55	50	45	40	35	5
4	5.5	7.5	6		78	66	60	54	48	42	6
5	7.5	10	7		91	77	70	63	56	49	7
6	7.5	10	8		104	88	80	72	64	56	8
7	9.3	12.5	9		117	99	90	81	72	63	9
8	9.3	12.5	10		130	110	100	90	80	70	10
9	11	15	12		156	132	120	108	96	84	12
10	13	17.5	14		182	154	140	126	112	98	14
11	15	20	15		195	165	150	135	120	105	15
12	15	20	16		208	176	160	144	128	112	16
13	18.5	25	18		234	198	180	162	144	126	18
14	18.5	25	20		260	220	200	180	160	140	20
15	22	30	24		312	264	240	216	192	168	24
16	22	30	25		325	275	250	225	200	175	25



IS : 8034/89



CM/L : 7631474



V6 SUBMERSIBLE PUMP SET

Suitable for 150mm (6") Bore Well
 Approx performance chart at 2880 RPM, 50Hz AC Supply

MODEL : SB-080

MIX FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	12	22.8	27	31.2	36	46.8
				Lpm	0	200	380	450	520	600	780
				H/Stage	11	9	8	7	6	4	1
1	2.2	3	4	Total Head In Meters Outlet Size 65mm (2")	44	36	32	28	24	16	4
2	3	4	5		55	45	40	35	30	20	5
3	3.7	5	6		66	54	48	42	36	24	6
4	4.5	6	7		77	63	56	49	42	28	7
5	4.5	6	8		88	72	64	56	48	32	8
6	5.5	7.5	9		99	81	72	63	54	36	9
7	5.5	7.5	10		110	90	80	70	60	40	10
8	7.5	10	11		121	99	88	77	66	44	11
9	7.5	10	12		132	108	96	84	72	48	12
10	7.5	10	13		143	117	104	91	78	52	13
11	9.3	12.5	14		154	126	112	98	84	56	14
12	9.3	12.5	15		165	135	120	105	90	60	15
13	9.3	12.5	16		176	144	128	112	96	64	16
14	11	15	18		198	162	144	126	108	72	18
15	11	15	20		220	180	160	140	120	80	20
16	15	20	25		275	225	200	175	150	100	25



IS : 8034/89



CM/L : 7631474



MODEL : SB-10

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	13.8	25.2	32.4	38.4	45	54.6
				Lpm	0	230	420	540	640	750	910
				H/Stage	11	9	8	7	6	4	1
1	2.2	3	3	Total Head In Meters Outlet Size 65mm (2.5")	33	27	24	21	18	12	3
2	3	4	4		44	36	32	28	24	16	4
3	3.7	5	5		55	45	40	35	30	20	5
4	4.5	6	6		66	54	48	42	36	24	6
5	5.5	7.5	7		77	63	56	49	42	28	7
6	5.5	7.5	8		88	72	64	56	48	32	8
7	7.5	10	9		99	81	72	63	54	36	9
8	7.5	10	10		110	90	80	70	60	40	10
9	7.5	10	11		121	99	88	77	66	44	11
10	9.3	12.5	12		132	108	96	84	72	48	12
11	9.3	12.5	13		143	117	104	91	78	52	13
12	11	15	14		154	126	112	98	84	56	14
13	11	15	15		165	135	120	105	90	60	15
14	11	15	16		176	144	128	112	96	64	16
15	13	17.5	18		198	162	144	126	108	72	18
16	15	20	20		220	180	160	140	120	80	20
17	18.5	25	25		275	225	200	175	150	100	25

MODEL : SB-12

MIX FLOW											
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	28.8	34.2	39.6	45	48	57
				Lpm	0	480	570	660	750	800	950
				H/Stage	12	9	8	7	6	4	1
1	3	4	3	Total Head In Meters Outlet Size 65mm (2.5")	36	27	24	21	18	12	3
2	3.7	5	4		48	36	32	28	24	16	4
3	4.5	6	5		60	45	40	35	30	20	5
4	5.5	7.5	6		72	54	48	42	36	24	6
5	5.5	7.5	7		84	63	56	49	42	28	7
6	7.5	10	8		96	72	64	56	48	32	8
7	7.5	10	9		108	81	72	63	54	36	9
8	9.3	12.5	10		120	90	80	70	60	40	10
9	11	15	12		144	108	96	84	72	48	12
10	13	17.5	14		168	126	112	98	84	56	14
11	13	17.5	15		180	135	120	105	90	60	15
12	15	20	16		192	144	128	112	96	64	16
13	18.5	25	18		216	162	144	126	108	72	18
14	18.5	25	20		240	180	160	140	120	80	20
15	22	30	25		300	225	200	175	150	100	25



IS : 8034/89



CM/L : 7631474



MODEL : SB-15

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	33	39	45	48	55.2	59.4
				Lpm	0	550	650	750	800	920	990
				H/Stage	13	9	8	7	6	4	1
1	2.2	3	2	Total Head In Meters Outlet Size 65mm (2.5")	26	18	16	14	12	8	2
2	3.7	5	3		39	27	24	21	18	12	3
3	4.5	6	4		52	36	32	28	24	16	4
4	5.5	7.5	5		65	45	40	35	30	20	5
5	7.5	10	6		78	54	48	42	36	24	6
6	7.5	10	7		91	63	56	49	42	28	7
7	9.3	12.5	8		104	72	64	56	48	32	8
8	11	15	9		117	81	72	63	54	36	9
9	11	15	10		130	90	80	70	60	40	10
10	13	17.5	12		156	108	96	84	72	48	12
11	15	20	13		169	117	104	91	78	52	13
12	15	20	14		182	126	112	98	84	56	14
13	18.5	25	15		195	135	120	105	90	60	15
14	18.5	25	16		208	144	128	112	96	64	16
15	22	30	18		234	162	144	126	108	72	18
16	22	30	20		260	180	160	140	120	80	20

MODEL : SB-18

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	24	36	45	51	54	60.6
				Lpm	0	400	600	750	850	900	1010
				H/Stage	12	10	9	8	7	6	1
1	3.7	5	3	Total Head In Meters Outlet Size 75mm (3")	36	30	27	24	21	18	3
2	5.5	7.5	4		48	40	36	32	28	24	4
3	7.5	10	5		60	50	45	40	35	30	5
4	7.5	10	6		72	60	54	48	42	36	6
5	9.3	12.5	7		84	70	63	56	49	42	7
6	11	15	8		96	80	72	64	56	48	8
7	11	15	9		108	90	81	72	63	54	9
8	13	17.5	10		120	100	90	80	70	60	10
9	15	20	11		132	110	99	88	77	66	11
10	15	20	12		144	120	108	96	84	72	12
11	18.5	25	14		168	140	126	112	98	84	14
12	22	30	16		192	160	144	128	112	96	16



IS : 8034/89



CM/L : 7631474



MODEL : SB-20

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	37.2	50.4	55	61.2	64.8	69.6
				Lpm	0	620	840	920	1020	1080	1160
				H/Stage	12	9	8	7	6	4	1
1	3	4	2	Total Head In Meters Outlet Size 75mm (3")	24	18	16	14	12	8	2
2	4.5	6	3		36	27	24	21	18	12	3
3	5.5	7.5	4		48	36	32	28	24	16	4
4	7.5	10	5		60	45	40	35	30	20	5
5	9.3	12.5	6		72	54	48	42	36	24	6
6	11	15	7		84	63	56	49	42	28	7
7	11	15	8		96	72	64	56	48	32	8
8	13	17.5	9		108	81	72	63	54	36	9
9	15	20	10		120	90	80	70	60	40	10
10	18.5	25	11		132	99	88	77	66	44	11
11	18.5	25	12		144	108	96	84	72	48	12
12	22	30	14		168	126	112	98	84	56	14
13	22	30	15		180	135	120	105	90	60	15

MODEL : SB-25

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	49.2	57	63	73.8	76.8	82.8
				Lpm	0	820	950	1050	1230	1280	1380
				H/Stage	13	9	8	7	6	4	1
1	3.7	5	2	Total Head In Meters Outlet Size 75mm (3")	26	18	16	14	12	8	2
2	5.5	7.5	3		39	27	24	21	18	12	3
3	7.5	10	4		52	36	32	28	24	16	4
4	9.3	12.5	5		65	45	40	35	30	20	5
5	11	15	6		78	54	48	42	36	24	6
6	13	17.5	7		91	63	56	49	42	28	7
7	15	20	8		104	72	64	56	48	32	8
8	18.5	25	9		117	81	72	63	54	36	9
9	18.5	25	10		130	90	80	70	60	40	10
10	22	30	12		156	108	96	84	72	48	12

MIX FLOW

MODEL : SB-30

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	61.2	69	78	81	96	102.6
				Lpm	0	1020	1150	1300	1350	1600	1710
				H/Stage	14	9	8	7	6	4	1
1	4.5	6	2	Total Head In Meters Outlet Size 75mm (3")	28	18	16	14	12	8	2
2	7.5	10	3		42	27	24	21	18	12	3
3	9.3	12.5	4		56	36	32	28	24	16	4
4	11	15	5		70	45	40	35	30	20	5
5	13	17.5	6		84	54	48	42	36	24	6
6	15	20	7		98	63	56	49	42	28	7
7	18.5	25	8		112	72	64	56	48	32	8
8	22	30	10		140	90	80	70	60	40	10

MIX FLOW



IS : 8034/89



CM/L : 7631474



V6 SUBMERSIBLE PUMP SET

Suitable for 150mm (6") Bore Well
 Approx Performance Chart at 2880 RPM, 50Hz AC Supply

MODEL : SPRF-50

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	3.6	5.1	6.9	8.4	9.9	11.7	16.8
				Lpm	0	60	85	115	140	165	195	280
				H/Stage	15	14	13	12	11	10	8	0.3
1	2.2	3	6	Total Head In Meters Outlet Size 50mm (2")	90	84	78	72	66	60	48	2
2	3	4	8		120	112	104	96	88	80	64	2
3	3.7	5	10		150	140	130	120	110	100	80	3
4	4.5	6	12		180	168	156	144	132	120	96	4
5	5.5	7.5	15		225	210	195	180	165	150	120	5
6	7.5	10	20		300	280	260	240	220	200	160	6
7	9.3	12.5	25		375	350	325	300	275	250	200	8
8	11	15	30		450	420	390	360	330	300	240	9

MODEL : SPRF-60

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	5.4	7.5	9.3	10.2	11.4	13.2	17.8
				Lpm	0	90	125	155	170	190	220	300
				H/Stage	15	14	13	12	11	10	8	0.4
1	2.2	3	5	Total Head In Meters Outlet Size 50mm (2")	75	70	65	60	55	50	40	2
2	3	4	6		90	84	78	72	66	60	48	2
3	3	4	7		105	98	91	84	77	70	56	3
4	3.7	5	8		120	112	104	96	88	80	94	3
5	4.5	6	10		150	140	130	120	110	100	80	4
6	5.5	7.5	12		180	168	156	144	132	120	96	5
7	7.5	10	14		210	196	182	168	154	140	112	6
8	7.5	10	16		240	224	208	192	176	160	128	6
9	9.3	12.5	18		270	252	234	216	198	180	144	7
10	9.3	12.5	19		285	266	247	228	209	190	152	8
11	9.3	12.5	20		300	280	260	240	220	200	160	8
12	11	15	24		360	336	312	288	264	240	192	10
13	11	15	25		375	350	325	300	275	250	200	10
14	11	15	26		390	364	338	312	286	260	208	11
15	13	17.5	30		450	420	390	360	330	300	240	12
16	15	20	35		525	490	455	420	385	350	280	14



IS : 8034/89



CM/L : 7631474



MODEL : SPRF-80

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	7.5	9	10.8	12.3	13.2	16.5	20.4
				Lpm	0	125	150	180	205	220	275	340
				H/Stage	15	14	13	12	11	10	8	0.5
1	2.2	3	4	Total Head In Meters Outlet Size 50mm (2")	60	56	52	48	44	40	32	2
2	3	4	5		75	70	65	60	55	50	40	3
3	3.7	5	6		90	84	78	72	66	60	48	3
4	4.5	6	7		105	98	91	84	77	70	56	4
5	4.5	6	8		120	112	104	96	88	80	64	4
6	5.5	7.5	10		150	140	130	120	110	100	80	5
7	7.5	10	12		180	168	156	144	132	120	96	6
8	9.3	12.5	14		210	196	182	168	154	140	112	7
9	9.3	12.5	15		225	210	195	180	165	150	120	8
10	9.3	12.5	16		240	224	208	192	176	160	128	8
11	11	15	18		270	252	234	216	198	180	144	9
12	11	15	20		300	280	260	240	220	200	160	10
13	13	17.5	21		315	294	273	252	231	210	168	11
14	13	17.5	22		330	308	286	264	242	220	176	11
15	15	20	24		360	336	312	288	264	240	192	12
16	15	20	25		375	350	325	300	275	250	200	13
17	18.5	25	30		450	420	390	360	330	300	240	15

MODEL : SPRF-100

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	10.8	12.9	15	17.4	18.9	21.3	27
				Lpm	0	180	215	250	290	315	355	450
				H/Stage	15	14	13	12	11	10	8	0.7
1	2.2	3	3	Total Head In Meters Outlet Size 50mm (2")	45	42	39	36	33	30	24	2
2	3	4	4		60	56	52	48	44	40	32	3
3	3.7	5	5		75	70	65	60	55	50	40	4
4	4.5	6	6		90	84	78	72	66	60	48	4
5	5.5	7.5	7		105	98	91	84	77	70	56	5
6	5.5	7.5	8		120	112	104	96	88	80	64	6
7	7.5	10	10		150	140	130	120	110	100	80	7
8	9.3	12.5	12		180	168	156	144	132	120	96	8
9	11	15	15		225	210	195	180	165	150	120	11
10	13	17.5	18		270	252	234	216	198	180	144	13
11	15	20	20		300	280	260	240	220	200	160	14
12	18.5	25	25		375	350	325	300	275	250	200	18
13	22	30	30		450	420	390	360	330	300	240	21



IS : 8034/89



CM/L : 7631474



MODEL : SPRF-125

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	14.4	18.6	20.7	23.4	26.7	29.7	38.4
				Lpm	0	240	310	345	390	445	495	640
				H/Stage	15.5	14	13	12	11	10	8	0.7
1	3	4	3	Total Head In Meters Outlet Size 65mm (2.5")	47	42	39	36	33	30	24	2
2	3.7	5	4		62	56	52	48	44	40	32	3
3	4.5	6	5		78	70	65	60	55	50	40	4
4	5.5	7.5	6		93	84	78	72	66	60	48	4
5	7.5	10	7		109	98	91	84	77	70	56	5
6	7.5	10	8		124	112	104	96	88	80	64	6
7	9.3	12.5	10		155	140	130	120	110	100	80	7
8	11	15	12		186	168	156	144	132	120	96	8
9	13	17.5	14		217	196	182	168	154	140	112	10
10	15	20	15		233	210	195	180	165	150	120	11
11	15	20	16		248	224	208	192	176	160	128	11
12	18.5	25	18		279	252	234	216	198	180	144	13
13	18.5	25	20		310	280	260	240	220	200	160	14
14	22	30	24		372	336	312	288	264	240	192	17
15	22	30	25		388	350	325	300	275	250	200	18



IS : 8034/89



CM/L : 7631474

MODEL : SPRF-150

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	16.2	21	23.4	25.8	27.9	32.1	40.8
				Lpm	0	270	350	390	430	465	535	680
				H/Stage	16	14	13	12	11	10	8	0.8
1	2.2	3	2	Total Head In Meters Outlet Size 65mm (2.5")	32	28	26	24	22	20	16	2
2	3.7	5	3		48	42	39	36	33	30	24	2
3	4.5	6	4		64	56	52	48	44	40	32	3
4	5.5	7.5	5		80	70	65	60	55	50	40	4
5	7.5	10	6		96	84	78	72	66	60	48	5
6	7.5	10	7		112	98	91	84	77	70	56	6
7	9.3	12.5	8		128	112	104	96	88	80	64	6
8	11	15	10		160	140	130	120	110	100	80	8
9	13	17.5	12		192	168	156	144	132	120	96	10
10	15	20	13		208	182	169	156	143	130	104	10
11	15	20	14		224	196	182	168	154	140	112	11
12	18.5	25	15		240	210	195	180	165	150	120	12
13	18.5	25	16		256	224	208	192	176	160	128	13
14	22	30	18		288	252	234	216	198	180	144	14
15	22	30	20		320	280	260	240	220	200	160	16



Samruddhi

Submersible Pump

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MODEL : SPRF-200

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	22.2	26.4	28.8	30.6	33	36	46.8
				Lpm	0	370	440	480	510	550	600	780
				H/Stage	16	14	13	12	11	10	8	1
1	3	4	2	Total Head In Meters Outlet Size 65mm (2.5")	32	28	26	24	22	20	16	2
2	4.5	6	3		48	42	39	36	33	30	24	3
3	5.5	7.5	4		64	56	52	48	44	40	32	4
4	7.5	10	5		80	70	65	60	55	50	40	5
5	9.3	12.5	6		96	84	78	72	66	60	48	6
6	11	15	8		128	112	104	96	88	80	64	8
7	13	17.5	9		144	126	117	108	99	90	72	9
8	15	20	10		160	140	130	120	110	100	80	10
9	18.5	25	12		192	168	156	144	132	120	96	12
10	22	30	14		224	196	182	168	154	140	112	14
11	22	30	15		240	210	195	180	165	150	120	15



IS : 8034/89



CM/L : 7631474

MODEL : SPRF-250

50 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	25.5	27.6	31.5	33	34.8	39.6	50.4
				Lpm	0	425	460	525	550	580	660	840
				H/Stage	16	14	13	12	11	10	8	1
1	3.7	5	2	Total Head In Meters Outlet Size 65mm (2.5")	32	28	26	24	22	20	16	2
2	5.5	7.5	3		48	42	39	36	33	30	24	3
3	7.5	10	4		64	56	52	48	44	40	32	4
4	9.3	12.5	5		80	70	65	60	55	50	40	5
5	11	15	6		96	84	78	72	66	60	48	6
6	13	17.5	7		112	98	91	84	77	70	56	7
7	15	20	8		128	112	104	96	88	80	64	8
8	18.5	25	9		144	126	117	108	99	90	72	9
9	18.5	25	10		160	140	130	120	110	100	80	10
10	22	30	11		176	154	143	132	121	110	88	11
11	22	30	12		192	168	156	144	132	120	96	12



V6 SUBMERSIBLE PUMP SET

Suitable for 150mm (6") Bore Well
 Approx Performance Chart at 2880 RPM, 50Hz AC Supply

MODEL : SPRF7-60

70 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	3	4.5	5.1	5.7	6.3	8.1	9.9
				Lpm	0	50	75	85	95	105	135	165
				H/Stage	21.3	19	18	17	16	15	12	8
1	2.2	3	5	Total Head In Meters Outlet Size 50 mm (2")	107	95	90	85	80	75	60	40
2	3	4	6		128	114	108	102	96	90	72	48
3	3	4	7		149	133	126	119	112	105	84	56
4	3.7	5	8		170	152	144	136	128	120	96	64
5	4.5	6	10		213	190	180	170	160	150	120	80
6	5.5	7.5	12		256	228	216	204	192	180	144	96
7	7.5	10	14		298	266	252	238	224	210	168	112
8	7.5	10	16		341	304	288	272	256	240	192	128
9	9.3	12.5	18		383	342	324	306	288	270	216	144
10	9.3	12.5	19		405	361	342	323	304	285	228	152
11	9.3	12.5	20		426	380	360	340	320	300	240	160
12	11	15	24		511	456	432	408	384	360	288	192
13	11	15	25		536	475	450	425	400	375	300	200
14	11	15	26		554	494	468	442	416	390	312	208
15	13	17.5	30		639	570	540	510	480	450	360	240
16	15	20	35		746	665	630	595	560	525	420	280

MODEL : SPRF7-80

70 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	4.5	6.3	6.9	7.8	8.7	10.5	13.2
				Lpm	0	75	105	115	130	145	175	220
				H/Stage	21.3	19	18	17	16	15	12	8
1	2.2	3	4	Total Head In Meters Outlet Size 50 mm (2")	85	76	72	68	64	60	48	32
2	3	4	5		107	95	90	85	80	75	60	40
3	3.7	5	6		128	114	108	102	96	90	72	48
4	4.5	6	7		149	133	126	119	112	105	84	56
5	4.5	6	8		170	152	144	136	128	120	96	64
6	5.5	7.5	10		213	190	180	170	160	150	120	80
7	7.5	10	12		256	228	216	204	192	180	144	96
8	9.3	12.5	14		298	266	252	238	224	210	168	112
9	9.3	12.5	15		320	285	270	255	240	225	180	120
10	9.3	12.5	16		341	304	288	272	256	240	192	128
11	11	15	18		383	342	324	306	288	270	216	144
12	11	15	20		426	380	360	340	320	300	240	160
13	13	17.5	21		447	399	378	357	336	315	252	168
14	13	17.5	22		469	418	396	374	352	330	264	176
15	15	20	24		511	456	432	408	384	360	288	192
16	15	20	25		536	475	450	425	400	375	300	200
17	18.5	25	30		639	570	540	510	480	450	360	240



MODEL : SPRF7-100

70 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	6.6	8.4	9.6	10.8	11.7	14.1	16.8
				Lpm	0	110	140	160	180	195	235	280
				H/Stage	21.3	19	18	17	16	15	12	8
1	2.2	3	3	Total Head In Meters Outlet Size 50 mm (2")	64	57	54	51	48	45	36	24
2	3	4	4		85	76	72	68	64	60	48	32
3	3.7	5	5		107	95	90	85	80	75	60	40
4	4.5	6	6		128	114	108	102	96	90	72	48
5	5.5	7.5	7		149	133	126	119	112	105	84	56
6	5.5	7.5	8		170	152	144	136	128	120	96	64
7	7.5	10	10		213	190	180	170	160	150	120	80
8	9.3	12.5	12		256	228	216	204	192	180	144	96
9	11	15	15		320	285	270	255	240	225	180	120
10	13	17.5	18		383	342	324	306	288	270	216	144
11	15	20	20		426	380	360	340	320	300	240	160
12	18.5	25	25		536	475	450	425	400	375	300	200
13	22	30	30		639	570	540	510	480	450	360	240



IS : 8034/89



CM/L : 7631474

MODEL : SPRF7-125

70 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	11.1	12.9	14.1	15.6	11.4	20.4	23.7
				Lpm	0	185	215	235	260	290	340	395
				H/Stage	21.3	19	18	17	16	15	12	8
1	3	4	3	Total Head In Meters Outlet Size 65 mm (2.5")	64	57	54	51	48	45	36	24
2	3.7	5	4		85	76	72	68	64	60	48	32
3	4.5	6	5		107	95	90	85	80	75	60	40
4	5.5	7.5	6		128	114	108	102	96	90	72	48
5	7.5	10	7		149	133	126	119	112	105	84	56
6	7.5	10	8		170	152	144	136	128	120	96	64
7	9.3	12.5	10		213	190	180	170	160	150	120	80
8	11	15	12		256	228	216	204	192	180	144	96
9	13	17.5	14		298	266	252	238	224	210	168	112
10	15	20	15		320	285	270	255	240	225	180	120
11	15	20	16		341	304	288	272	256	240	192	128
12	18.5	25	18		383	342	324	306	288	270	216	144
13	18.5	25	20		426	380	360	340	320	300	240	160
14	22	30	24		511	456	432	408	384	360	288	192
15	22	30	25		536	475	450	425	400	375	300	200



MODEL : SPRF7-150

70 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	13.2	14.7	16.5	17.7	19.2	22.8	27
				Lpm	0	220	245	275	295	320	380	450
				H/Stage	21.3	19	18	17	16	15	12	8
1	2.2	3	2	Total Head In Meters Outlet Size 65 mm (2.5")	43	38	36	34	32	30	24	16
2	3.7	5	3		64	57	54	51	48	45	36	24
3	4.5	6	4		85	76	72	68	64	60	48	32
4	5.5	7.5	5		107	95	90	85	80	75	60	40
5	7.5	10	6		128	114	108	102	96	90	72	48
6	7.5	10	7		149	133	126	119	112	105	84	56
7	9.3	12.5	8		170	152	144	136	128	120	96	64
8	11	15	10		213	190	180	170	160	150	120	80
9	13	17.5	12		256	228	216	204	192	180	144	96
10	15	20	13		277	247	234	221	208	195	156	104
11	15	20	14		298	266	252	238	224	210	168	112
12	18.5	25	15		320	285	270	255	240	225	180	120
13	18.5	25	16		341	304	288	272	256	240	192	128
14	22	30	18		383	342	324	306	288	270	216	144
15	22	30	20		426	380	360	340	320	300	240	160



IS : 8034/89



CM/L : 7631474

MODEL : SPRF7-200

70 FEET HIGH HEAD PUMPS

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	8.1	21	22.2	27.9	31.5	34.2	37.5
				Lpm	0	135	350	370	465	525	570	625
				H/Stage	21.3	20	18	17	14	12	10	8
1	3	4	2	Total Head In Meters Outlet Size 65 mm (2.5")	43	40	36	34	28	24	20	16
2	4.5	6	3		64	60	54	51	42	36	30	24
3	5.5	7.5	4		85	80	72	68	56	48	40	32
4	7.5	10	5		107	100	90	85	70	60	50	40
5	9.3	12.5	6		128	120	108	102	84	72	60	48
6	11	15	8		170	160	144	136	112	96	80	64
7	13	17.5	9		192	180	162	153	126	108	90	72
8	15	20	10		213	200	180	170	140	120	100	80
9	18.5	25	12		257	240	216	204	168	144	120	96
10	22	30	14		298	280	252	238	196	168	140	112
11	22	30	15		320	300	270	255	210	180	150	120



V7 SUBMERSIBLE PUMP SET

MODEL : SP6/7-25

Suitable for (165mm Max Diameter) Bore Well Pump
 Approx Performance Chart at 2880 RPM, 50 Hz AC Supply

Sr. No.	K.W.	H.P.	Stage	MIX FLOW								
				Qm ³ /h	0	25.8	39	49.8	55.2	61.2	68.4	93
				Lpm	0	430	650	830	920	1020	1140	1550
				H/Stage	17	14	12	11	10	9	8	2
1	3.7	5	2	Total Head In Meters Outlet Size 100mm (4")	34	28	24	22	20	18	16	4
2	5.5	7.5	3		51	42	36	33	30	27	24	6
3	7.5	10	4		68	56	48	44	40	36	32	8
4	9.3	12.5	5		85	70	60	55	50	45	40	10
5	11	15	6		102	84	72	66	60	54	48	12
6	13	17.5	7		119	98	84	77	70	63	56	14
7	15	20	8		136	112	96	88	80	72	64	16
8	18.5	25	9		153	126	108	99	90	81	72	18
9	18.5	25	10		170	140	120	110	100	90	80	20
10	22	30	12		204	168	144	132	120	108	96	24

MODEL : SP6/7-30

Sr. No.	K.W.	H.P.	Stage	MIX FLOW								
				Qm ³ /h	0	33	48	60	69.6	76.8	87	103.2
				Lpm	0	550	800	1000	1160	1280	1450	1720
				H/Stage	17	14	12	11	10	9	8	4
1	4.5	6	2	Total Head In Meters Outlet Size 100mm (4")	34	28	24	22	20	18	16	8
2	7.5	10	3		51	42	36	33	30	27	24	12
3	9.3	12.5	4		68	56	48	44	40	36	32	16
4	11	15	5		85	70	60	55	50	45	40	20
5	13	17.5	6		102	84	72	66	60	54	48	24
6	15	20	7		119	98	84	77	70	63	56	28
7	18.5	25	8		136	112	96	88	80	72	64	32
8	22	30	10		170	140	120	110	100	90	80	40

MODEL : SP6/7-40

Sr. No.	K.W.	H.P.	Stage	MIX FLOW								
				Qm ³ /h	0	47.4	66	74.4	80.4	87.6	93.6	111
				Lpm	0	790	1100	1240	1340	1460	1560	1850
				H/Stage	18	14	12	11	10	9	8	4
1	5.5	7.5	2	Total Head In Meters Outlet Size 100mm (4")	36	28	24	22	20	18	16	8
2	9.3	12.5	3		54	42	36	33	30	27	24	12
3	11	15	4		72	56	48	44	40	36	32	16
4	15	20	5		90	70	60	55	50	45	40	20
5	18.5	25	6		108	84	72	66	60	54	48	24
6	22	30	7		126	98	84	77	70	63	56	28



IS : 8034/89



CM/L : 7631474



MODEL : SP6/7-50

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	70.2	78	87	91.2	94.8	97.8	119.4
				Lpm	0	1170	1300	1450	1520	1580	1630	1990
				H/Stage	19	14	12	11	10	9	8	4
1	3.7	5	1	Total Head In Meters Outlet Size 100mm (4")	19	14	12	11	10	9	8	4
2	7.5	10	2		38	28	24	22	20	18	16	8
3	11	15	3		57	42	36	33	30	27	24	12
4	15	20	4		76	56	48	44	40	36	32	16
5	18.5	25	5		95	70	60	55	50	45	40	20
6	22	30	6		114	84	72	66	60	54	48	24

MODEL : SP6/7-60

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	78	91.2	99.6	103.8	107.4	112	124.8
				Lpm	0	1300	1530	1660	1730	1790	1870	2080
				H/Stage	21	14	12	11	10	9	8	4
1	4.5	6	1	Total Head In Meters Outlet Size 100mm (4")	21	14	12	11	10	9	8	4
2	9.3	12.5	2		42	28	24	22	20	18	16	8
3	13	17.5	3		63	42	36	33	30	27	24	12
4	18.5	25	4		84	56	48	44	40	36	32	16
5	22	30	5		105	70	60	55	50	45	40	20



IS : 8034/89



CM/L : 7631474



Samruddhi

Submersible Pump

Government Trademark & Copy Right Register Brand

V6 & V8 JANTA MODEL SUBMERSIBLE PUMP SET

MODEL : SP6/8-30

8" Submersible Pump Set Coupled with 6" Motor Pump
Approx Performance chart at 2880 RPM, 50Hz Ac Supply

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	40.8	46.8	52.8	58.8	64.2	68.4	76.8
					Lpm	0	680	780	880	980	1070	1140	1280
					H/Stage	18	15	14	13	12	11	10	9
1	4.5	6	2	Total Head In Meters Outlet Size 100mm (4")	36	30	28	26	24	22	20	18	
2	7.5	10	3		54	45	42	39	36	33	30	27	
3	9.3	12.5	4		72	60	56	52	48	44	40	36	
4	11	15	5		90	75	70	65	60	55	50	45	
5	13	17.5	6		108	90	84	78	72	66	60	54	
6	15	20	7		126	105	98	91	84	77	70	63	
7	18.5	25	8		144	120	112	104	96	88	80	72	
8	22	30	10		180	150	140	130	120	110	100	90	

MODEL : SP6/8-40

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	39	46.8	55.2	60.6	64.8	72	78.6
					Lpm	0	680	810	920	1010	1080	1200	1310
					H/Stage	20	17	16	14	13	12	11	10
1	5.5	7.5	2	Total Head In Meters Outlet Size 100mm (4")	40	34	32	28	26	24	22	20	
2	9.3	12.5	3		60	51	48	42	39	36	33	30	
3	11	15	4		80	68	64	56	52	48	44	40	
4	15	20	5		100	85	80	70	65	60	55	50	
5	18.5	25	6		120	102	96	84	78	72	66	60	
6	22	30	7		140	119	112	98	91	84	77	70	

MODEL : SP6/8-50

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	49.2	54	63	73.8	77.4	82.8	91.2
					Lpm	0	820	900	1050	1230	1290	1380	1520
					H/Stage	22	18	17	15	14	12	11	10
1	3.7	5	1	Total Head In Meters Outlet Size 100mm (4")	22	18	17	15	14	12	11	10	
2	7.5	10	2		44	36	34	30	28	24	22	20	
3	11	15	3		66	54	51	45	42	36	33	30	
4	15	20	4		88	72	68	60	56	48	44	40	
5	18.5	25	5		110	90	85	75	70	60	55	50	
6	22	30	6		132	108	102	90	84	72	66	60	



IS : 8034/89



CM/L : 7631474



MODEL : SP6/8-60

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	65.4	70.8	75	84	93	98.4	105
				Lpm	0	1090	1180	1250	1400	1550	1640	1750
				H/Stage	24	18	17	15	14	12	11	10
1	4.5	6	1	Total Head In Meters Outlet Size 100mm (4")	24	18	17	15	14	12	11	10
2	9.3	12.5	2		48	36	34	30	28	24	22	20
3	13	17.5	3		72	54	51	45	42	36	33	30
4	18.5	25	4		96	72	68	60	56	48	44	40
5	22	30	5		120	90	85	75	70	60	55	50

MODEL : SP6/8-70

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	62.4	72.6	79.2	90	96.6	101.4	112.8
				Lpm	0	1040	1210	1320	1500	1610	1690	1880
				H/Stage	24	20	18	17	16	14	13	10
1	5.5	7.5	1	Total Head In Meters Outlet Size 100mm (4")	24	20	18	17	16	14	13	10
2	11	15	2		48	40	36	34	32	28	26	20
3	15	20	3		72	60	54	51	48	42	39	30
4	22	30	4		96	80	72	68	64	56	52	40

MODEL : SP6/8-80

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	64.8	74.4	92.4	100.8	114	126	138.6
				Lpm	0	1080	1240	1540	1680	1900	2100	2310
				H/Stage	24	20	19	17	16	14	13	10
1	5.5	7.5	1	Total Head In Meters Outlet Size 100mm (4")	24	20	18	17	16	14	13	10
2	11	15	2		48	40	38	34	32	28	26	20
3	18.5	25	3		72	60	57	51	48	42	39	30



IS : 8034/89



CM/L : 7631474



Samruddhi

Submersible Pump

Government Trademark & Copy Right Register Brand

MODEL : SP6/8-90

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	63	74.4	87.6	99	110.4	123	134.4
				Lpm	0	1050	1240	1460	1650	1840	2050	2240
				H/Stage	24	22	20	18	17	16	14	12
1	7.5	10	1	Total Head In Meters Outlet Size 100mm (4")	24	22	20	18	17	16	14	12
2	15	20	2		48	44	40	36	34	32	28	24
3	22	30	3		72	66	60	54	51	48	42	36

MODEL : SP6/8-100

MIX FLOW

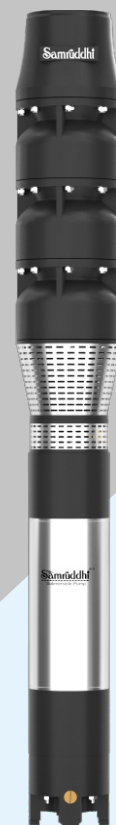
Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	69.6	81	96	106.8	123	131	141
				Lpm	0	1160	1350	1600	1780	2050	2180	2350
				H/Stage	24	22	20	18	17	16	14	12
1	7.5	10	1	Total Head In Meters Outlet Size 100mm (4")	24	22	20	18	17	16	14	12
2	15	20	2		48	44	40	36	34	32	28	24
3	22	30	3		72	66	60	54	51	48	42	36



IS : 8034/89



CM/L : 7631474



V8 SUBMERSIBLE PUMP SET

MODEL : SP8-K15

Suitable for 200mm (8") Bore Well
 Approx Performance chart at 2880 RPM, 50Hz AC Supply

Sr. No.	K.W.	H.P.	Stage	RADIAL FLOW									
				Qm ³ /h	0	10.2	11.4	13.8	16.8	18	19.8	21.6	
				Lpm	0	170	190	230	280	300	330	360	
				H/Stage	20	16	15.5	15	14	13.5	12.5	10.5	
1	7.5	10	6	Total Head In Meters Outlet Size 75mm (3")	120	96	93	90	84	81	75	63	
2	7.5	10	7		140	112	109	105	98	95	88	74	
3	9.3	12.5	8		160	128	124	120	112	108	100	84	
4	11	15	10		200	160	155	150	140	135	125	105	
5	13	17.5	12		240	192	186	180	168	162	150	126	
6	15	20	13		260	208	202	195	182	176	163	137	
7	18.5	25	16		320	256	248	240	224	216	200	168	
8	18.5	25	17		340	272	264	255	238	230	213	179	

MODEL : SP8-K20

Sr. No.	K.W.	H.P.	Stage	RADIAL FLOW									
				Qm ³ /h	0	15	21	22.8	25.8	31.8	34.8	48	
				Lpm	0	250	350	380	430	530	580	800	
				H/Stage	20	17	15.5	15	14	11	10	5	
1	7.5	10	5	Total Head In Meters Outlet Size 75mm (3")	100	85	78	75	70	55	50	25	
2	9.3	12.5	6		120	102	93	90	84	66	60	30	
3	11	15	7		140	119	109	105	98	77	70	35	
4	13	17.5	8		160	136	124	120	112	88	80	40	
5	13	17.5	9		180	153	140	135	126	99	90	45	
6	15	20	10		200	170	155	150	140	110	100	50	
7	18.5	25	12		240	204	186	180	168	132	120	60	
8	18.5	25	13		260	221	202	195	182	143	130	65	
9	22	30	14		280	238	217	210	196	154	140	70	
10	22	30	15		300	255	233	225	210	165	150	75	
11	26	35	17		340	289	264	255	238	187	170	85	
12	30	40	20		400	340	310	300	280	220	200	100	



IS : 8034/89

 CM/L : 7631474



MODEL : SP8-K25

RADIAL FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	16.8	21.6	25.8	30	34.8	40.8	51
				Lpm	0	280	360	430	500	580	680	850
				H/Stage	21	19	18	17.5	16	14	10	5
1	7.5	10	4	Total Head In Meters OutletSize 75mm (3")	84	76	72	70	64	56	40	20
2	9.3	12.5	5		105	95	90	88	80	70	50	25
3	11	15	6		126	114	108	105	96	84	60	30
4	13	17.5	7		147	133	126	123	112	98	70	35
5	15	20	8		168	152	144	140	128	112	80	40
6	18.5	25	9		189	171	162	158	144	126	90	45
7	18.5	25	10		210	190	180	175	160	140	100	50
8	22	30	11		231	209	198	193	176	154	110	55
9	22	30	12		252	228	216	210	192	168	120	60
10	26	35	14		294	266	252	245	224	196	140	70
11	30	40	16		336	304	288	280	256	224	160	80
12	33.5	45	18		378	342	324	315	288	252	180	90
13	39	52	20		420	380	360	350	320	280	200	100

MODEL : SP8-K30

											RADIAL FLOW	
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	18	29.4	32.4	35.4	40.2	45	52.8
				Lpm	0	300	490	540	590	670	750	880
				H/Stage	22	20	18	17	15	14	13	11
1	7.5	10	3	Total Head In Meters OutletSize 75mm (3")	66	60	54	51	45	42	39	33
2	9.3	12.5	4		88	80	72	68	60	56	52	44
3	11	15	5		110	100	90	85	75	70	65	55
4	13	17.5	6		132	120	108	102	90	84	78	66
5	15	20	7		154	140	126	119	105	98	91	77
6	18.5	25	8		176	160	144	136	120	112	104	88
7	22	30	9		198	180	162	153	135	126	117	99
8	22	30	10		220	200	180	170	150	140	130	110
9	26	35	11		242	220	198	187	165	154	143	121
10	26	35	12		264	240	216	204	180	168	156	132
11	30	40	13		286	260	234	221	195	182	169	143
12	33.5	45	14		308	280	252	238	210	196	182	154
13	33.5	45	15		330	300	270	255	225	210	195	165
14	39	52	16		352	320	288	272	240	224	208	176
15	39	52	17		374	340	306	289	255	238	221	187
16	46	62	19		418	380	342	323	285	266	247	209
17	46	62	20		440	400	360	340	300	280	260	220



IS : 8034/89



CM/L : 7631474



MODEL : SP8-K40

											RADIAL FLOW		
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	24	38.4	43.2	46.2	51	54.6	61.2	
				Lpm	0	400	640	720	770	850	910	1020	
				H/Stage	22	20	18	17	16	14	13	10	
1	9.3	12.5	3	Total Head In Meters OutletSize 75mm (3")	66	60	54	51	48	42	39	30	
2	11	15	4		88	80	72	68	64	56	52	40	
3	15	20	5		110	100	90	85	80	70	65	50	
4	18.5	25	6		132	120	108	102	96	84	78	60	
5	22	30	7		154	140	126	119	112	98	91	70	
6	26	35	8		176	160	144	136	128	112	104	80	
7	26	35	9		198	180	162	153	144	126	117	90	
8	30	40	10		220	200	180	170	160	140	130	100	
9	33.5	45	11		242	220	198	187	176	154	143	110	
10	39	52	12		264	240	216	204	192	168	156	120	
11	39	52	13		286	260	234	221	208	182	169	130	
12	46	62	15		330	300	270	255	240	210	195	150	

MODEL : SP8-K50

											RADIAL FLOW		
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	34.8	48.6	56.4	58.8	62.4	64.8	76.8	
				Lpm	0	580	810	940	980	1040	1080	1280	
				H/Stage	23	20	18	17	16	15	14	10	
1	7.5	10	2	Total Head In Meters OutletSize 75mm (3")	46	40	36	34	32	30	28	20	
2	11	15	3		69	60	54	51	48	45	42	30	
3	15	20	4		92	80	72	68	64	60	56	40	
4	18.5	25	5		115	100	90	85	80	75	70	50	
5	22	30	6		138	120	108	102	96	90	84	60	
6	26	35	7		161	140	126	119	112	105	98	70	
7	30	40	8		184	160	144	136	128	120	112	80	
8	33.5	45	9		207	180	162	153	144	135	126	90	
9	39	52	10		230	200	180	170	160	150	140	110	
10	46	62	12		276	240	216	204	192	180	168	120	



IS : 8034/89



CM/L : 7631474



V8 SUBMERSIBLE PUMP SET

MODEL : SP8-30

Suitable for 200mm (8") Bore Well
Approx performance chart at 2880 RPM, 50 Hz AC Supply

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	24	30	36.6	46.8	51	57.6	63
				Lpm	0	400	500	610	780	850	960	1050
				H/Stage	20	18	17	16	14	13	12	10
1	7.5	10	3	Total Head In Meters Outlet Size 100mm (4")	60	54	51	48	42	39	36	30
2	9.3	12.5	4		80	72	68	64	56	52	48	40
3	11	15	5		100	90	85	80	70	65	60	50
4	13	17.5	6		120	108	102	96	84	78	72	60
5	15	20	7		140	126	119	112	98	91	84	70
6	18.5	25	8		160	144	136	128	112	104	96	80
7	22	30	9		180	162	153	144	126	117	108	90
8	22	30	10		200	180	170	160	140	130	120	100
9	26	35	11		220	198	187	176	154	143	132	110
10	26	35	12		240	216	204	192	168	156	144	120
11	30	40	13		260	234	221	208	182	169	156	130
12	33.5	45	14		280	252	238	224	196	182	168	140
13	33.5	45	15		300	270	255	240	210	195	180	150

MODEL : SP8-40

MIX FLOW

Sr. No.	K.W.	H.P.	Stage	Qm ³ /h	0	39.6	48	54	60	66	70.8	75
				Lpm	0	660	800	900	1000	1100	1180	1250
				H/Stage	22	18	17	16	14	13	12	10
1	5.5	7.5	2	Total Head In Meters Outlet Size 100mm (4")	44	36	34	32	28	26	24	20
2	9.3	12.5	3		66	54	51	48	42	39	36	30
3	11	15	4		88	72	68	64	56	52	48	40
4	15	20	5		110	90	85	80	70	65	60	50
5	18.5	25	6		132	108	102	96	84	78	72	60
6	22	30	7		154	126	119	112	98	91	84	70
7	26	35	8		176	144	136	128	112	104	96	80
8	26	35	9		198	162	153	144	126	117	108	90
9	30	40	10		220	180	170	160	140	130	120	100
10	33.5	45	11		242	198	187	176	154	143	132	110
11	39	52	12		264	216	204	192	168	156	144	120
12	39	52	13		286	234	221	208	182	169	156	130
13	46	62	14		308	252	238	224	196	182	168	140
14	46	62	15		330	270	255	240	210	195	180	150



IS : 8034/89



CM/L : 7631474



MODEL : SP8-50

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	45	55.2	68.4	76.8	85.2	90	99
				Lpm	0	750	920	1140	1280	1420	1500	1650
				H/Stage	24	19	18	16	14	13	12	10
1	7.5	10	2	Total Head In Meters OutletSize 100mm (4")	48	38	36	32	28	26	24	20
2	11	15	3		72	57	54	48	42	39	36	30
3	15	20	4		96	76	72	64	56	52	48	40
4	18.5	25	5		120	95	90	80	70	65	60	50
5	22	30	6		144	114	108	96	84	78	72	60
6	26	35	7		168	133	126	112	98	91	84	70
7	30	40	8		192	152	144	128	112	104	96	80
8	33.5	45	9		216	171	162	144	126	117	108	90
9	39	52	10		240	190	180	160	140	130	120	100
10	46	62	11		264	209	198	176	154	143	132	110
11	46	62	12		288	228	216	192	168	156	144	120
12	54	72	14		336	266	252	224	196	182	168	140

MODEL : SP8-60

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	50.4	69.6	75.6	85.2	93	97.2	108
				Lpm	0	840	1160	1260	1420	1550	1620	1800
				H/Stage	24	20	17	16	14	13	12	10
1	9.3	12.5	2	Total Head In Meters OutletSize 100mm (4")	48	40	34	32	28	26	24	20
2	13	17.5	3		72	60	51	48	42	39	36	30
3	18.5	25	4		96	80	68	64	56	52	48	40
4	22	30	5		120	100	85	80	70	65	60	50
5	26	35	6		144	120	102	96	84	78	72	60
6	30	40	7		168	140	119	112	98	91	84	70
7	39	52	8		192	160	136	128	112	104	96	80
8	46	62	10		240	200	170	160	140	130	120	100
9	54	72	11		264	220	187	176	154	143	132	110
10	54	72	12		288	240	204	192	168	156	144	120
11	63	85	14		336	280	238	224	196	182	168	140



IS : 8034/89



CM/L : 7631474



MODEL : SP8-70

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	62.4	73.2	82.8	93	98.4	102	115.2
				Lpm	0	1040	1220	1380	1550	1640	1700	1920
				H/Stage	24	20	18	17	16	15	14	10
1	11	15	2	Total Head In Meters OutletSize 100mm (4")	48	40	36	34	32	30	28	20
2	15	20	3		72	60	54	51	48	45	42	30
3	22	30	4		96	80	72	68	64	60	56	40
4	26	35	5		120	100	90	85	80	75	70	50
5	30	40	6		144	120	108	102	96	90	84	60
6	39	52	7		168	140	126	119	112	105	98	70
7	46	62	9		216	180	162	153	144	135	126	90
8	54	72	10		240	200	180	170	160	150	140	100
9	63	85	11		264	220	198	187	176	165	154	110
10	63	85	12		288	240	216	204	192	180	168	120

MODEL : SP8-80

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	60	69	91.2	101.4	108	116.4	129
				Lpm	0	1000	1150	1520	1690	1800	1940	2150
				H/Stage	24	21	20	17	16	15	14	10
1	11	15	2	Total Head In Meters OutletSize 100mm (4")	48	42	40	34	32	30	28	20
2	18.5	25	3		72	63	60	51	48	45	42	30
3	22	30	4		96	84	80	68	64	60	56	40
4	30	40	5		120	105	100	85	80	75	70	50
5	39	52	6		144	126	120	102	96	90	84	60
6	46	62	8		192	168	160	136	128	120	112	80
7	54	72	9		216	189	180	153	144	135	126	90
8	63	85	10		240	210	200	170	160	150	140	100
9	63	85	11		264	231	220	187	176	165	154	110



IS : 8034/89



CM/L : 7631474



MODEL : SP8-90

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	73.8	97.2	108	115.8	122.4	129	138
				Lpm	0	1230	1620	1800	1930	2040	2150	2300
				H/Stage	25	21	19	17	16	15	14	10
1	15	20	2	Total Head In Meters OutletSize 100mm (4")	52	42	38	34	32	30	28	20
2	22	30	3		75	63	57	51	48	45	42	30
3	26	35	4		100	84	76	68	64	60	56	40
4	33.5	45	5		125	105	95	85	80	75	70	50
5	39	52	6		150	126	114	102	96	90	84	60
6	46	62	7		175	147	133	119	112	105	98	70
7	54	72	8		200	168	152	136	128	120	112	80
8	63	85	9		225	189	171	153	144	135	126	90

MODEL : SP8-100

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	70.8	96	108	120	127.2	135	148.8
				Lpm	0	1180	1600	1800	2000	2120	2250	2480
				H/Stage	25	21	19	17	16	15	14	10
1	15	20	2	Total Head In Meters OutletSize 100mm (4")	52	42	38	34	32	30	28	20
2	22	30	3		75	63	57	51	48	45	42	30
3	30	40	4		100	84	76	68	64	60	56	40
4	39	52	5		125	105	95	85	80	75	70	50
5	46	62	6		150	126	114	102	96	90	84	60
6	54	72	7		175	147	133	119	112	105	98	70
7	63	85	8		200	168	152	136	128	120	112	80



IS : 8034/89



CM/L : 7631474



V8 333 SUBMERSIBLE PUMP SET

MODEL : SP8-330

Suitable for 200mm (8") Bore Well
Approx Performance Chart at 2880 RPM, 50 Hz AC Supply
MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	15.6	23.1	35.4	43.51	54.6	64.8	87
					Lpm	0	260	385	590	725	910	1080	1450
					H/Stage	19	17	16	15	14	12	10	3
1	7.5	10	3	Total Head In Meters OutletSize 100mm (4")	57	51	48	45	42	36	30	9	
2	9.3	12.5	4		76	68	64	60	56	48	40	12	
3	11	15	5		95	85	80	75	70	60	50	15	
4	13	17.5	6		114	102	96	90	84	72	60	18	
5	15	20	7		133	119	112	105	98	84	70	21	
6	18.5	25	8		152	136	128	120	112	96	80	24	
7	22	30	10		190	170	160	150	140	120	100	30	
8	26	35	11		209	187	176	165	154	132	110	33	
9	26	35	12		228	204	192	180	168	144	120	36	
10	30	40	12		228	204	192	180	168	144	120	36	
11	30	40	13		247	221	208	195	182	156	130	39	
12	33.5	45	14		266	238	224	210	196	168	140	42	
12	33.5	45	14		266	238	224	210	196	168	140	42	
13	33.5	45	15		285	255	240	225	210	180	150	45	

MODEL : SP8-340

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	39	54.6	58.2	64.2	69.6	79.2	99
					Lpm	0	650	910	970	1070	1160	1320	1650
					H/Stage	20	16.5	14.5	14	13	12	10	3
1	5.5	7.5	2	Total Head In Meters OutletSize 100mm (4")	40	33	29	28	26	24	20	6	
2	9.3	12.5	3		60	50	44	42	39	36	30	9	
3	11	15	4		80	66	58	56	52	48	40	12	
4	15	20	5		100	83	73	70	65	60	50	15	
5	18.5	25	6		120	99	87	84	78	72	60	18	
6	22	30	7		140	116	102	98	91	84	70	21	
7	26	35	8		160	132	116	112	104	96	80	24	
8	26	35	9		180	149	131	126	117	108	90	27	
9	30	40	10		200	165	145	140	130	120	100	30	
10	33.5	45	11		220	182	160	154	143	132	110	33	
11	33.5	45	12		240	198	174	168	156	144	120	36	
12	39	52	12		240	198	174	168	156	144	120	36	
13	39	52	13		260	215	189	182	169	156	130	39	
14	46	62	14		280	231	203	196	182	168	140	42	
15	46	62	15		300	248	218	210	195	180	150	45	



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MODEL : SP8-350

											MIX FLOW		
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	45	55.2	68.4	76.8	85.2	90	99	
				Lpm	0	750	920	1140	1280	1420	1500	1650	
				H/Stage	21	17	15.5	14	13.5	12	10	3	
1	7.5	10	2	Total Head In Meters OutletSize 100mm (4")	42	34	31	28	27	24	20	6	
2	11	15	3		63	51	47	42	41	36	30	9	
3	15	20	4		84	68	62	56	54	48	40	12	
4	18.5	25	5		105	85	78	70	68	60	50	15	
5	22	30	6		126	102	93	84	81	72	60	18	
6	26	35	7		147	119	109	98	95	84	70	21	
7	30	40	8		168	136	124	112	108	96	80	24	
8	33.5	45	9		189	153	140	126	122	108	90	27	
9	39	52	10		210	170	155	140	135	120	100	30	
10	46	62	11		231	187	171	154	149	132	110	33	
11	46	62	12		252	204	186	168	162	144	120	36	
12	54	72	14		294	238	217	196	189	168	140	42	
13	54	72	15		315	255	233	210	203	180	150	45	

MODEL : SP8-360

MIX FLOW												
Sr. No.	K.W.	H.P.	Stage	Qm³/h	0	57	75	79.2	87	91.2	97.2	111
				Lpm	0	950	1250	1320	1450	1520	1620	1850
				H/Stage	21	17	15	14	13	11.5	10	3
1	9.3	12.5	2	Total Head In Meters OutletSize 100mm (4")	42	34	30	28	26	23	20	6
2	13	17.5	3		63	51	45	42	39	35	30	9
3	18.5	25	4		84	68	60	56	52	46	40	12
4	22	30	5		105	85	75	70	65	58	50	15
5	26	35	6		126	102	90	84	78	69	60	18
6	30	40	7		147	119	105	98	91	81	70	21
7	33.5	45	8		168	136	120	112	104	92	80	24
8	39	52	8		168	136	120	112	104	92	80	24
9	39	52	9		189	153	135	126	117	104	90	27
10	46	62	10		210	170	150	140	130	115	100	30
11	54	72	11		231	187	165	154	143	127	110	32
12	54	72	12		252	204	180	168	156	138	120	36
13	63	85	14		294	238	210	196	182	173	140	42



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CM/L : 7631474



Samruddhi

Submersible Pump

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V10 SUBMERSIBLE PUMP SET

MODEL : SP10-200

Suitable for 250mm (10") Bore Well

Approx Performance chart at 2880 RPM, 50Hz AC Supply

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	78	108	150	168	183	210	219	228
					Lpm	0	1300	1800	2500	2800	3050	3500	3650	3800
					H/Stage	33	30	28	25	23	21	17	15	12
1	75	100	5	Total Head In Meters Outlet Size 125 mm (5")	165	150	140	125	115	105	85	75	60	
2	93	125	6		198	180	168	150	138	126	102	90	72	
3	112	150	7		231	210	196	175	161	147	119	105	84	
4	112	150	8		264	240	224	200	184	168	136	120	96	
5	131	175	9		297	270	252	225	207	189	153	135	108	
6	150	200	10		330	300	280	250	230	210	170	150	120	
7	187	250	12		396	360	336	300	276	252	204	180	144	

MODEL : SP10-225

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	96	126	162	180	195	219	228	234
					Lpm	0	1600	2100	2700	3000	3250	3650	3800	3900
					H/Stage	35	30	28	25	23	21	17	15	12
1	56	75	3	Total Head In Meters Outlet Size 125 mm (5")	105	90	84	75	69	63	51	45	36	
2	75	100	4		140	120	112	100	92	84	68	60	48	
3	93	125	5		165	150	140	125	115	105	85	75	60	
4	112	150	6		198	180	168	150	138	126	102	90	72	
5	112	150	7		231	210	196	175	161	147	119	105	84	
6	131	175	8		264	240	224	200	184	168	136	120	96	
7	150	200	9		297	270	252	225	207	189	153	135	108	
8	187	250	10		330	300	280	250	230	210	170	150	120	
9	187	250	11		385	330	308	275	253	231	187	165	132	

MODEL : SP10-250

MIX FLOW

Sr. No.	K.W.	H.P.	Stage		Qm ³ /h	0	66	81	120	150	186	198	210	216
					Lpm	0	1100	1350	2000	2500	3100	3300	3500	3600
					H/Stage	40	36	34	32	30	27	25	22	15
1	56	75	3	Total Head In Meters Outlet Size 125 mm (5")	120	108	102	96	90	81	75	66	45	
2	75	100	4		160	144	136	128	120	108	100	88	60	
3	93	125	5		200	180	170	160	150	135	125	110	75	
4	112	150	6		240	216	204	192	180	162	150	132	90	
5	131	175	7		280	252	238	224	210	189	175	154	105	
6	150	200	8		320	288	272	256	240	216	200	176	120	
7	187	250	10		400	360	340	320	300	270	250	220	150	



IS : 8034/89



CM/L : 7631474



3 PHASE INDUCTION MOTOR 415V, 50Hz, TEFC, DUTY S1, INSULATION CLASS-B

FOOT MOUNTED				FLANGE MOUNTED			
2280/1440 RPM				2280/1440 RPM			
H.P.	K.W.	FRAME	H.P.	K.W.	FRAME	H.P.	K.W.
1	0.75	80	1	0.75	80	1	0.75
2	1.5	90L	2	1.5	90L	2	1.5
3	2.2	100L	3	2.2	100L	3	2.2
5	3.7	112	5	3.7	112	5	3.7
7.5	5.5	132S	7.5	5.5	132S	7.5	5.5
10	7.5	132M	10	7.5	132M	10	7.5
12.5	9.3	160M		9.3	160M		
15	11	160M	15	11	160M	15	11
20	15	160L	20	15	160L		

1 PHASE INDUCTION MOTOR		
FOOT MOUNTED		
HP	KW	FRAME
1	0.75	90
2	1.5	100
2	1.5	112
3	2.2	112

BRERAK MOTOR		
THREE PHASE		
HP	KW	FRAME
2	1.5	90
3	2.2	100
5	3.7	112



IS : 8024/89
 CMIL : 7631474



V4 ECCO SINGLE PHASE PUMP SET PANEL

SR.NO.	MODEL	HP	MCB	START	RUN	CON.
1	SPEC6-3610	0.5	6	100/120	36	25
2	SPEC10-3610	0.75	10	100/120	36	25
3	SPEC10-5012	1	10	120/150	50	25
4	SPEC16-5015	1.5	16	150/200	50	25
5	SPEC20-7215	1.75	20	150/200	72	25
6	SPEC20-7215	2	20	150/200	72	25

V4 PREMIUM SINGLE PHASE PUMP SET PANEL

SR.NO.	MODEL	HP	MCB	START	RUN	CON.
1	SPEC10-5012	1	10	120/150	50	25
2	SPEC16-5015	1.5	16	150/200	50	25
3	SPEC20-7215	2	20	150/200	72	25
4	SPEC25-10020	3	25	200/250	100	25
5	SPEC40-15040	5	40	400/500	150	25

V4 PREMIUM TWO PHASE PUMP SET PANEL (SEMI AUTOMATIC)

SR.NO.	MODEL	HP	MCB	START	RUN	CON.
1	SPEC2P-16-5020	2	16	200/250	50	25
2	SPEC2P-20-7220	3	20	200/250	72	25
3	SPEC2P-20-10020	3	20	200/250	100	25
4	SPEC2P-40-15020	5	40	200/250	150	25

V4 PREMIUM TWO PHASE PUMP SET PANEL (FULLY AUTOMATIC)

SR.NO.	MODEL	HP	MCB	START	RUN	CON.
1	SPEC2PA-16-5020	2	16	200/250	50	25
2	SPEC2PA-20-7220	3	20	200/250	72	25
3	SPEC2PA-20-10020	3	20	200/250	100	25
4	SPEC2PA-40-15020	5	40	200/250	150	25



IS : 8034/89



CM/L : 7631474



CONVERSION FACTORS

1 Imp Gallon = GPM	- 1,201 U.S. Gallons 4.546 Litres
1 Imp G.P.H.	- 0.0757 L.P.M.
1 Imp G.P.H.	- 0.001262 L P S
1 L.P.M.	- 13.2 Imp. G.P.H.
1 Cu ft	- 28.32 Litres
1 Cu mt	- 1000 Litres
1 Cu M per sec	- 60.000 L.P.M.
1 L P M	- 0.1667 x 10 - 4 Cu M. Per sec
1 Acre inch per hour	- 1705 L P M - 1 Cusec (Nearly)
Atmosphere	- 1.033 Kg per sq cm.
	- 14.7 Lps per sq in.
	- 10.34 Metres of water
1 Lb per sq in	- 0.704 Metres head of water
	- 2.31 ft head of water
	- 51.6 mm. Of Mercury
	- 0.0703 Kg. Per sq. cm.
1 Kg. Per sq cm	- 10 Metres of water - 736 mm of mercury
1 Feet	- 0.3048 Metre
1 Metre	- 3.28 feet
1 Kg. Per sq cm	- 14.22 Lps per sq inch
1 Inch of Mercury	- 0.3456 Metre of water
1 mm of Mercury	- 0.0136 Metre of water
1 Kg	- 2.2046 Lps
1 H P	- 0.746 Kilo Watts 746 Watts
1 H P (Metric)	- 0.736 Kilo Watts 736 Watts
1 Acre Feet	- 1233.5 Cu. Mm

A TABLE OF FRICTION HEAD LOSS IN C.I. & M.S. WATER PIPE SIZE OF PIPE IN MILLI METRES
 Head loss in metres per 100 metres length of pipe.

DISCHARGE IN L P M	PIPE DIA IN MM								
	25	40	50	65	80	100	125	150	200
40	1.25								
80	4.69	0.57							
100	7.0	0.08	0.662						
150		1.85	1.099	0.54					
200		3.13	1.67	0.78	0.54				
250		4.75	2.26	1.31	0.837				
300		6.80	3.98	2.00	1.163	0.292			
400			5.97	2.84	1.983	0.476			
500				5.00	3.017	0.721			
600						1.393	0.463		
800						2.206	0.74		
1000						2.677	0.887	0.182	
1400							1.25	0.305	
1800								0.363	
2000								0.517	
2400									0.138



Pressure	Discharge Rate	Power
1 Atmosphere - 1.033kg/cm ²	1 M ³ /h - 16.67 l/min.	1 HP (Si) - 0.746 kW
1 Atmosphere - 14.7 lb/in ²	1 M ³ /s - 60000 l/min.	- 746 W
1 Atmosphere - 10.34 mwc	1 l/s - 60 l/min.	1 HP (Metric) - 0.736 kW
1 lb/in ² - 0.704 mwc	1 Cu ft/s - 1699.2 l/min	- 736 W
1 lb/in ² - 2.31 ft wc.	1 Imp GPH - 0.0757 L/MIN.	1 kW - 1000 W
1 lb/in ² - 51.6 mm of mercury	- 0.00126 L/SEC.	
1 cuses - 1705 lpm.		
- 1 Acre ft/hr.		
1 Cu mec - 20558.3 lpm.		
1 Acre ft/hr.		
1 Mid - 695 lpm.		

Head	Discharge
1 mtr - 3.28 ft	1 Imp Gallon - 4.546 ltrs.
1 ft. - 0.3048 m.	1 US Gallon - 3.785 ltrs
1 kg/cm ² - 10 mtrs.	1 Cu. m. - 1000 ltrs.
	1 Cu ft. - 28.32 ltrs.

Method of Starting	Motor rating H.P.	Remarks
D.O.L.	Upto 7.5 HP	S/D shall be supplied for 7.5 HP on specified requirement
S/D	From 7.5 to 30 HP	-----
A.T.S.	From 35 HP onwards	S/D shall be supplied on specified requirements

- Selection of Pumpsets within highlighted Duty Zone is recommended for optimum result.
- The details shown in the performance table shall be changed without any prior notice because of constant improvements in the product is a continuous process at samruddhi pumps.
- This performance table supersedes previous issue.
- Without ISI Models we are not manufacturing



IS : 8034/89



CM/L : 7631474

TERMS & CONDITIONS:

1. DELIVERY: As per availability of stock ex- stock subject to prior sale.
2. Payment: 50% of the bill amount will be taken in advance balance at time of delivery or through bank.
3. GST: As per applicable rate.
4. Packing & Forwarding charge will be extra.
5. Our above price are ex-godown Ahmedabad.
6. Jurisdiction- All disputes arising out of this agreement shall be settling at Ahmedabad only.
7. We reserve the rights to change the rates or terms without any prior notice.



DECLARATION

This is to declare that the details shown in the performance table are as per the verified test reports and tested under standard test-conditions of supply voltage, frequency and rated speed of the motors allowing permissible allowances.

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Ahmedabad

For, SAMRUDDHI PUMPS

Date : 01-04-2022

Q. A. Engineer

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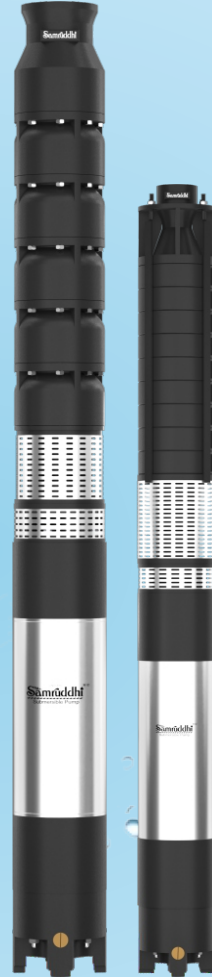
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Mfg By :

Samruddhi Pumps

1, Ohm Estate, Opp. Krishna Gopal Estate,
B/h. S.B.I. Bank, Naroda Road, Ahmedabad - 380 025.

Gujarat, INDIA. | Mobile : +91 63522 70639

Email : samruddhipumps@gmail.com

info@samruddhipumps.com

Website : www.samruddhipumps.com