



PRAKASH

Worldwide

Quality, Reliability, Life



4" SUBMERSIBLE PUMP STAINLESS STEEL



Submersible Pump Stainless Steel

Applications

- Domestic and community water supply
- Irrigation in horticulture and agriculture
- Drip and sprinkler application
- Booster application
- Civil and industrial application

Specifications

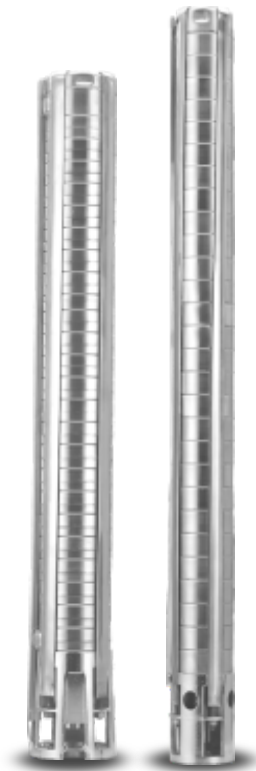
- Water temperature : Up to 35°C
- Minimum internal diameter of well: 4" Ø100mm.
- Power : 0.75 to 7.5Kw
- Capacity : Up to 11m³ /h
- Head : Up to 544m
- Max. sand quality in to the water : 50g/m³
- PH: 6.5 – 8.0

Feature and benefits

- Pump sizes for connecting to motor according to NEMA standards.
- Delivery Casing with built-in non return valve for stop coming back water.
- Manufactured from corrosion resistant materials for long life impellers, diffuser, and Delivery Casing are S.S.AISI-304.
- Specific impeller material selection ensures optimal performance in sandy bores.
- This type models feature independently floating centrifugal impellers to provide easy starting and long life-automatically adjusting to match pumping conditions for various application.
- High quality shaft bearings providing low friction and high wear resistance.
- Strong stainless steel drive shaft ensures positive impeller drive and longer life.

Models

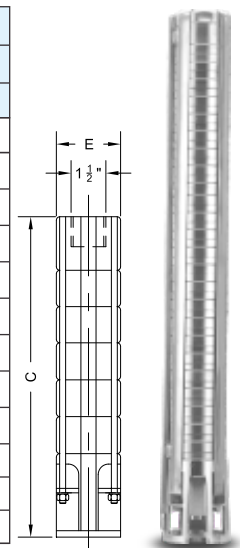
- Radial flow SP-R5A.
- Mixed flow SP-M8A



Radial flow SP-R5A

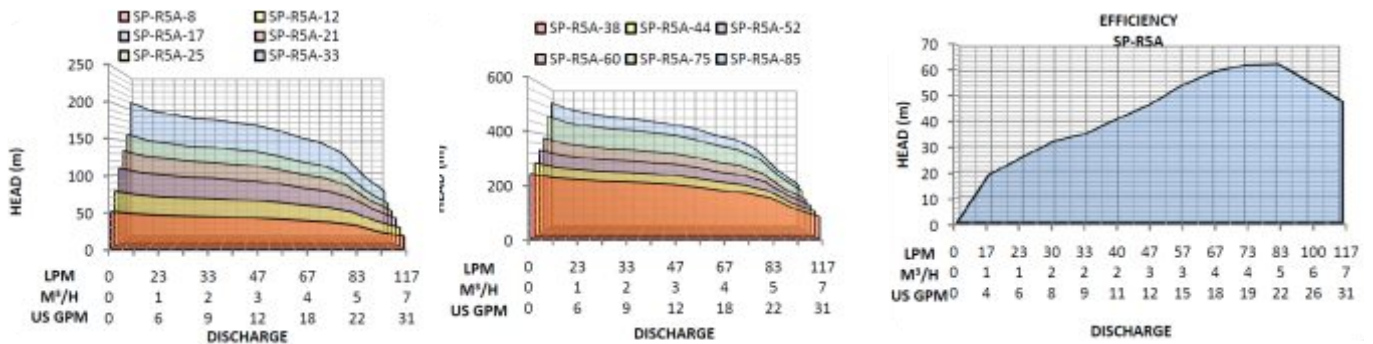
Hydraulic Pump Performance Chart

Model	Power		C	E	Pump Weight (Kg)	Q	H Meters												
	KW	HP					US GPM	0	9	11	12	15	18	19	22	26	31		
							M ³ /H	0	2	2.4	2.8	3.4	4	4.4	5	6	7		
							LPM	0	33	40	47	57	67	73	83	100	117		
SP-R5A-8	0.75	1.0	354	101	4	H Meters	51	44	43	42	40	38	36	32	23	17			
SP-R5A-12	1.1	1.5	438	101	5		77	67	65	64	61	57	54	48	35	26			
SP-R5A-17	1.5	2.0	543	101	6		109	95	92	90	86	80	76	67	50	37			
SP-R5A-21	2.2	3.0	627	101	7		134	117	114	112	106	99	94	83	61	45			
SP-R5A-25	2.2	3.0	711	101	8		160	140	136	133	126	118	112	99	73	54			
SP-R5A-33	3	4.0	879	101	10		211	184	179	175	167	156	148	131	96	71			
SP-R5A-38	4	5.5	1049	101	11		243	212	208	202	192	179	170	151	111	82			
SP-R5A-44	4	5.5	1175	101	12		282	246	240	234	222	208	197	175	128	95			
SP-R5A-52	5.5	7.5	1343	101	14		333	290	282	276	263	245	233	206	152	113			
SP-R5A-60	5.5	7.5	1511	101	16		384	335	327	319	303	283	269	238	175	130			
SP-R5A-75	7.5	10.0	1826	101	20		480	419	409	399	379	354	336	298	219	162			
SP-R5A-85	7.5	10.0	2036	101	22		544	473	460	448	429	401	381	337	248	184			



Submersible Motor Type SM150, Pump Outlet 1.5" and 2"

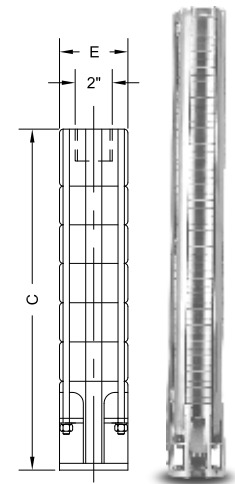
Hydraulic Performance Curve



Mixed flow SP-M8A

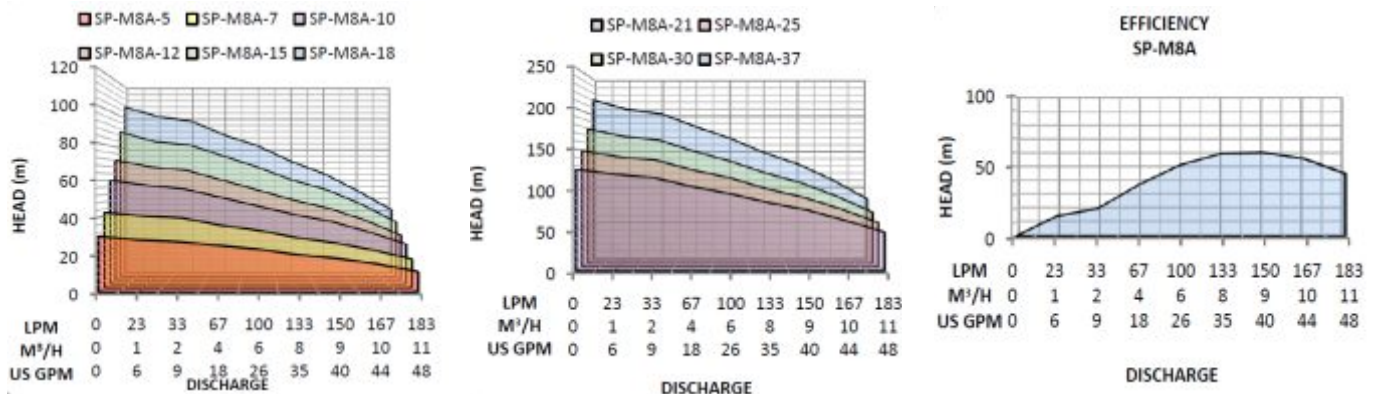
Hydraulic Pump Performance Chart

Model	Power		C	E	Pump Weight (Kg)	H Meters													
	KW	HP				US GPM	M ³ /H	LPM	30	42	60	72	90	107	125	149	179	221	
SP-M8A-5	0.75	1.0	425	101	4	0	18	26	35	40	44	48	30	25	23	20	18	15	11
SP-M8A-7	1.1	1.5	509	101	5	0	4	6	8	9	10	11	42	35	32	28	25	21	16
SP-M8A-10	1.5	2.0	635	101	6	0	67	100	133	150	167	183	60	50	45	40	36	30	23
SP-M8A-12	2.2	3.0	719	101	7	0	4	6	8	9	10	11	72	60	54	48	43	36	27
SP-M8A-15	2.2	3.0	845	101	9	0	67	100	133	150	167	183	90	75	68	60	54	45	34
SP-M8A-18	3	4.0	971	101	10	0	4	6	8	9	10	11	107	89	82	72	64	53	41
SP-M8A-21	4	5.5	1097	101	11	0	67	100	133	150	167	183	125	104	95	84	75	62	48
SP-M8A-25	4	5.5	1265	101	13	0	4	6	8	9	10	11	149	124	114	100	89	74	57
SP-M8A-30	5.5	7.5	1475	101	15	0	67	100	133	150	167	183	179	149	136	120	107	89	68
SP-M8A-37	5.5	7.5	1769	101	18	0	4	6	8	9	10	11	221	184	168	148	132	110	84



Submersible Motor Type SM100, Pump Outlet 2"

Hydraulic Pump Performance Chart



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