

PRAKASH

Quality, Reliability, Life

4", 6", 8" & 10" Submersible Stainless Steel Pump

50Hz



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4" Submersible Pump Stainless steel

PRAKASH

Applications

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

Specifications

- Minimum internal diameter of well: 4" Ø100mm.
- Power : 0.37 kw to 11 kw
- Capacity : up to 11.4 m³/hr
- Head : up to 542 m

Pumped liquids

- Clean, non Corrosive and non-abrasive liquids

Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50 g/m³
- Liquid PH value: 6.5-8

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.
- Stainless steel strainer to restrict the entry of sand and other extraneous materials.

Models

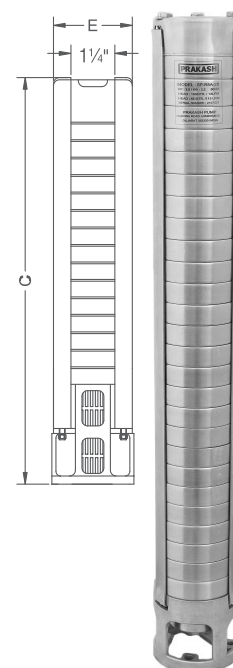
- Radial flow SP-R3A, SP-R5A.
- Mixed flow SP-M8A.

Radial flow SP-R3A

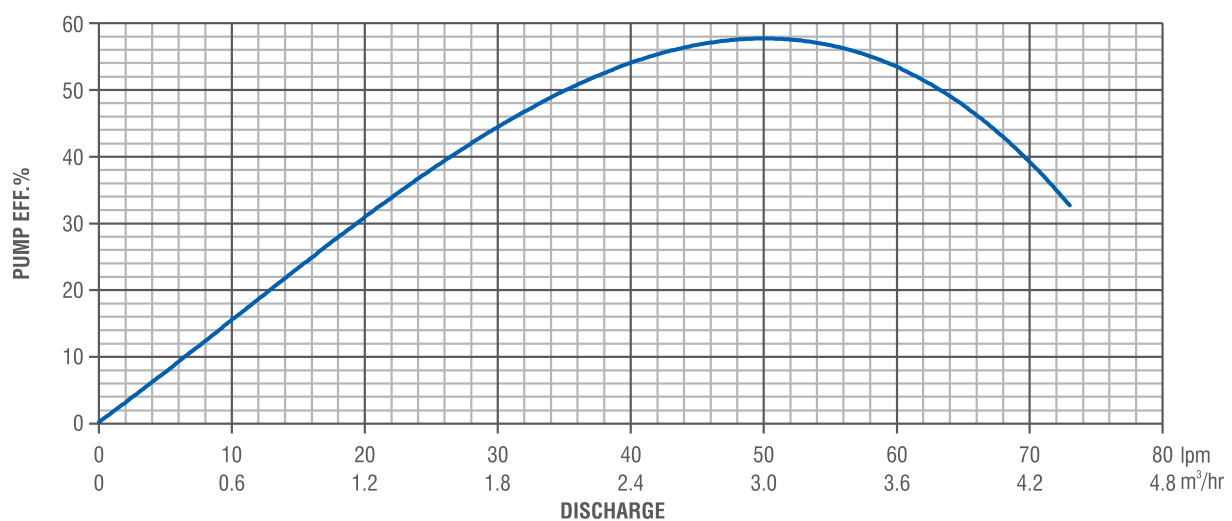
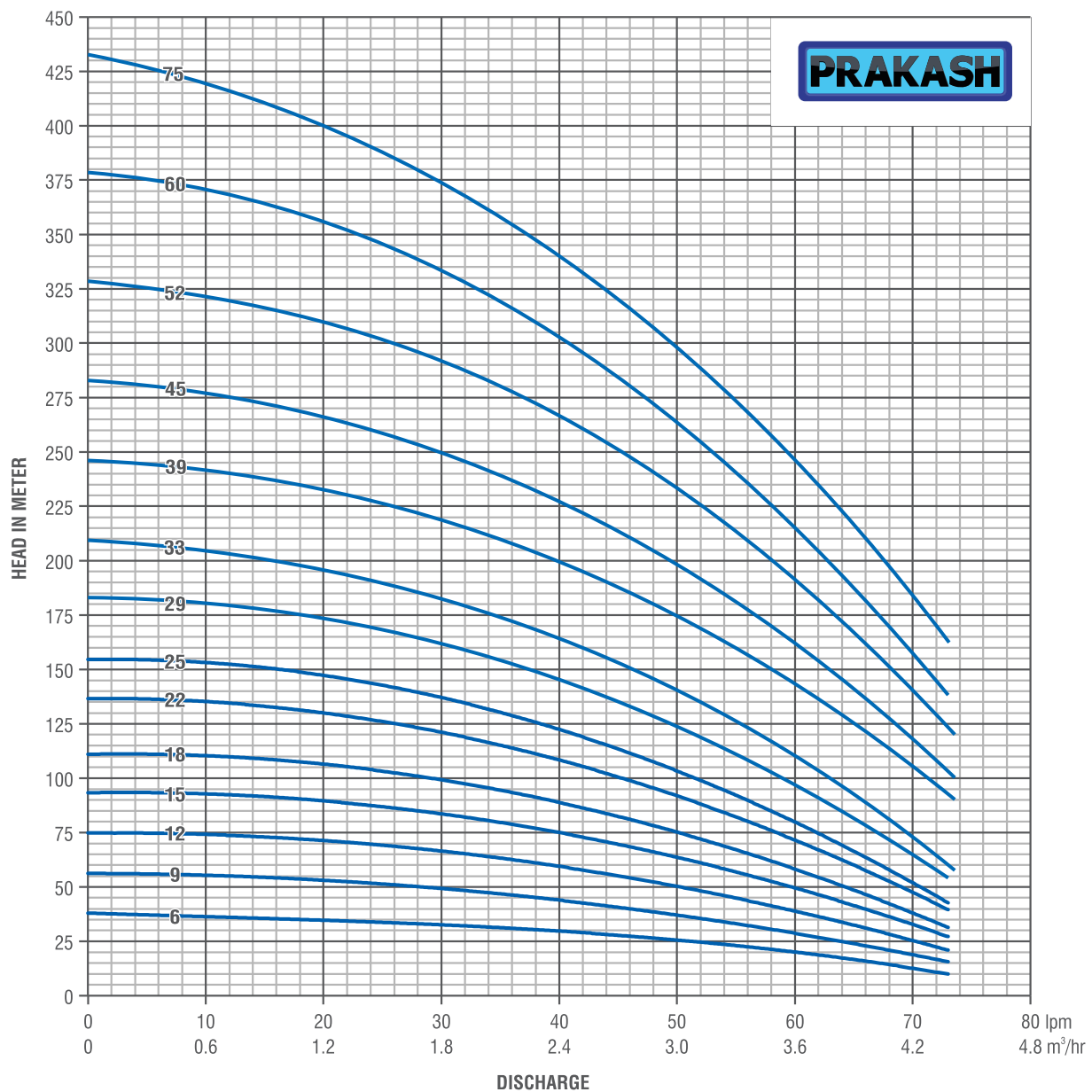
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	3	7	11	14	19
	kW	HP						M³/H	0	0.8	1.6	2.4	3.1	4.3
								LPM	0	13	27	40	53	73
SP-R3A-6	0.37	0.5	410	101	4.0	4"	Head in meter	38	36	33	30	24	10	
SP-R3A-9	0.55	0.75	473	101	4.9	4"		57	54	50	44	36	15	
SP-R3A-12	0.75	1.0	536	101	5.9	4"		76	72	67	60	49	20	
SP-R3A-15	1.1	1.5	599	101	6.8	4"		95	90	84	76	62	26	
SP-R3A-18	1.1	1.5	662	101	7.8	4"		113	107	100	90	73	30	
SP-R3A-22	1.5	2.0	746	101	9.0	4"		139	131	122	110	89	38	
SP-R3A-25	1.5	2.0	809	101	10.0	4"		157	149	138	124	100	41	
SP-R3A-29	2.2	3.0	893	101	11.3	4"		184	174	163	147	120	52	
SP-R3A-33	2.2	3.0	977	101	12.5	4"		209	197	184	166	135	57	
SP-R3A-39	3.0	4.0	1103	101	14.4	4"		246	233	220	201	170	90	
SP-R3A-45	3.0	4.0	1229	101	16.3	4"		282	267	252	230	193	100	
SP-R3A-52	4.0	5.5	1376	101	18.6	4"		328	310	294	269	227	120	
SP-R3A-60	4.0	5.5	1544	101	21.1	4"		378	357	336	306	258	134	
SP-R3A-75	5.5	7.5	1859	101	25.9	4"		434	408	378	343	291	162	

Standard Pump Outlet -1¼" BSP
Available on Request - 1½" BSP



HYDRAULIC PERFORMANCE CURVE SP-R3A, 50Hz, 2900 rpm



4" Submersible Pump Stainless steel

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Radial flow SP-R5A

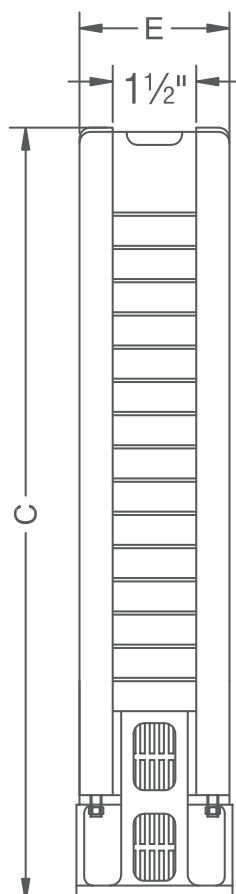
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	3	11	18	25	30
	kW	HP						M³/H	0.0	0.8	2.4	4.0	5.6	6.8
								LPM	0	13	40	67	93	113
SP-R5A-4	0.37	0.5	310	101	4.0	4"	Head in meter	26	24	23	20	14	-	
SP-R5A-6	0.55	0.75	356	101	4.6	4"		39	36	32	29	20	11	
SP-R5A-8	0.75	1.0	401	101	5.2	4"		51	48	44	38	27	15	
SP-R5A-12	1.1	1.5	492	101	6.4	4"		77	72	65	57	40	22	
SP-R5A-17	1.5	2.0	606	101	7.8	4"		109	103	92	80	57	30	
SP-R5A-21	2.2	3.0	698	101	9.0	4"		135	127	116	100	73	40	
SP-R5A-25	2.2	3.0	789	101	10.2	4"		160	150	137	118	84	45	
SP-R5A-33	3.0	4.0	971	101	12.5	4"		211	198	179	154	110	59	
SP-R5A-38	4.0	5.5	1085	101	14.0	4"		250	236	213	186	134	72	
SP-R5A-44	4.0	5.5	1222	101	15.7	4"		281	265	239	207	148	80	
SP-R5A-52	5.5	7.5	1435	101	18.5	*V5/4"		333	315	285	249	179	100	
SP-R5A-60	5.5	7.5	1618	101	20.8	*V5/4"		384	365	326	283	202	110	
SP-R5A-72	7.5	10.0	1922	101	24.8	*V5/4"		459	432	396	342	243	135	
SP-R5A-75	7.5	10.0	1991	101	25.7	*V5/4"		480	453	409	355	254	137	
SP-R5A-85	7.5	10.0	2219	101	28.6	*V5/4"		542	510	459	397	280	150	

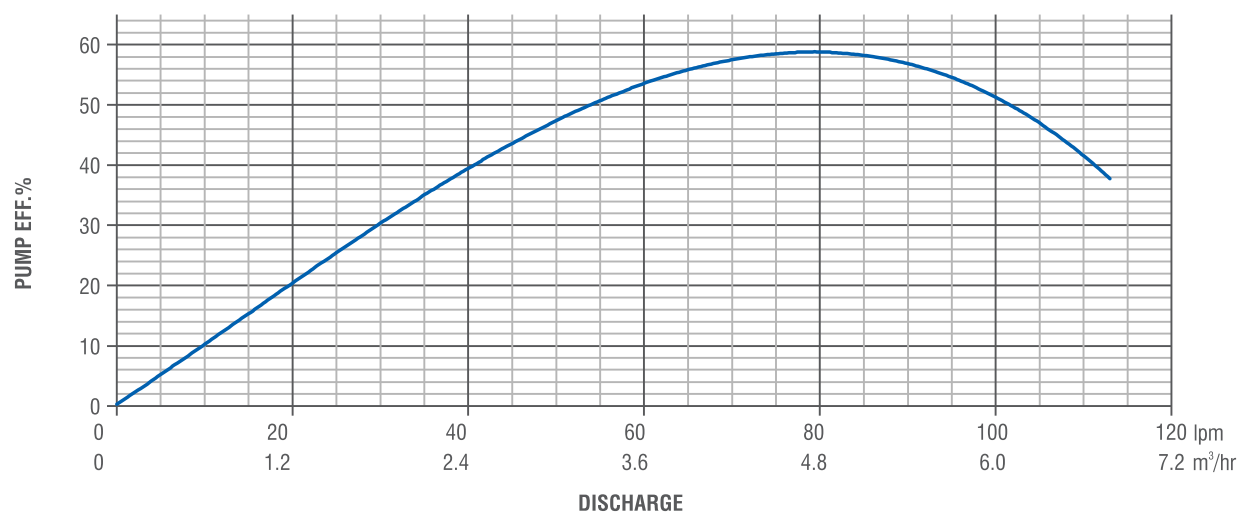
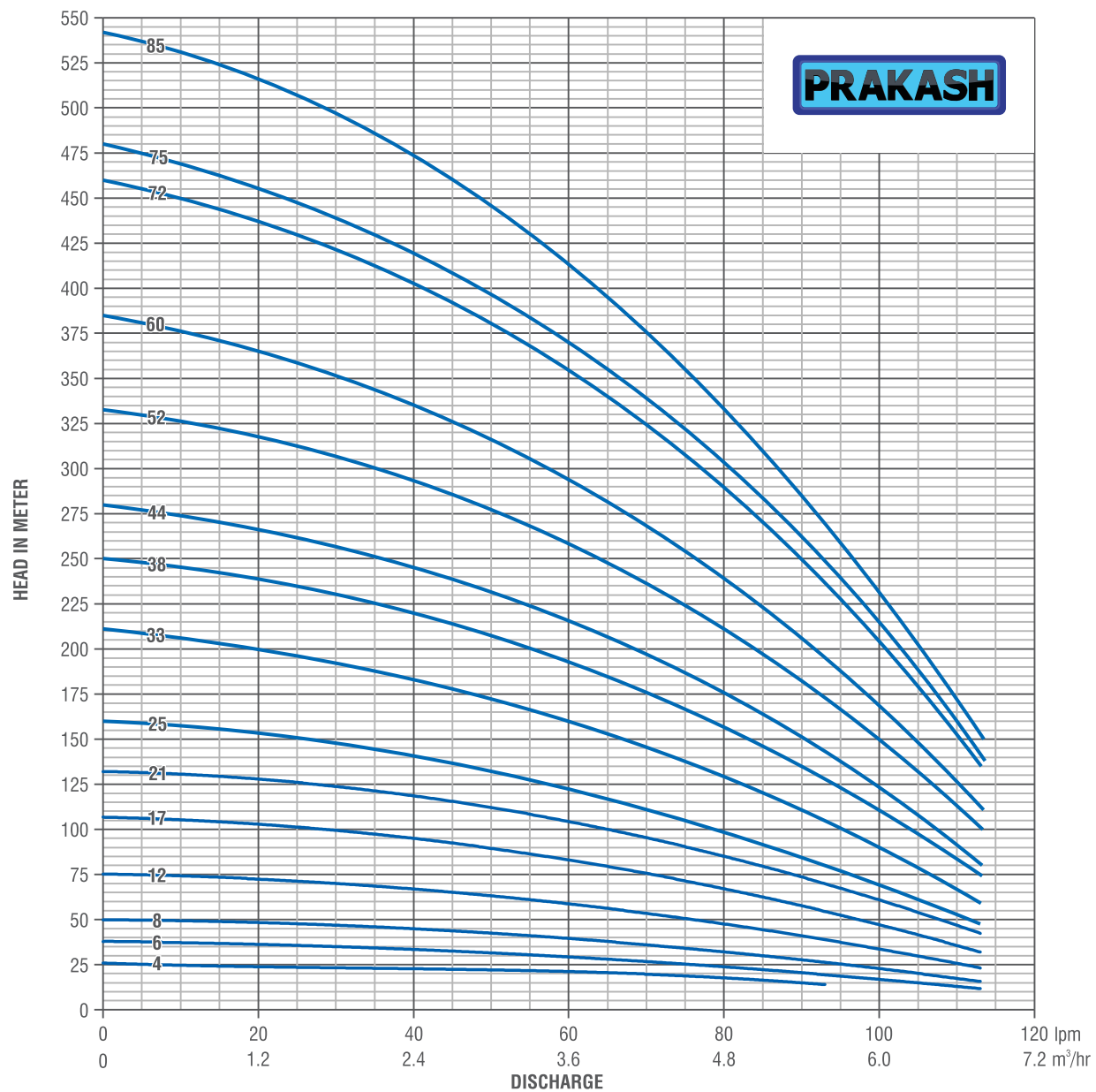
Standard Pump Outlet - 1½", BSP

Available on Request - 1¼", BSP

*V5/4"- PSMC-125 motor with 4" NEMA Extension.



HYDRAULIC PERFORMANCE CURVE SP-R5A, 50Hz, 2900 rpm



4" Submersible Pump Stainless steel

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Mix Flow SP-M8A

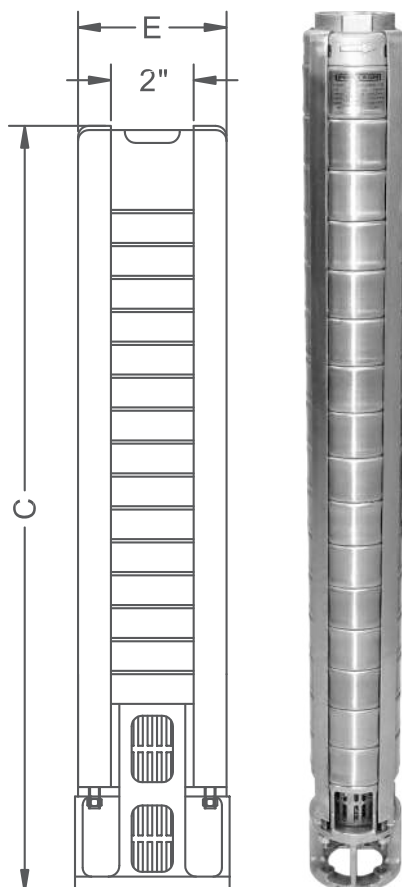
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (kg)	Motor Joining	Q	US GPM	0	13	22	28	35	50
	kW	HP						M³/H	0	3	4.9	6.4	7.9	11.4
								LPM	0	50	82	107	132	190
SP-M8A-5	0.75	1.0	467	101	6.1	4"	Head in meter		30	28	26	24	20	10
SP-M8A-7	1.1	1.5	557	101	7.2	4"			41	39	36	33	29	15
SP-M8A-10	1.5	2.0	692	101	8.9	4"			60	54	49	45	40	22
SP-M8A-12	2.2	3.0	782	101	10.0	4"			72	65	61	57	50	29
SP-M8A-15	2.2	3.0	917	101	11.7	4"			89	80	75	70	61	33
SP-M8A-18	3.0	4.0	1052	101	13.4	4"			107	96	89	82	73	40
SP-M8A-21	4.0	5.5	1187	101	15.0	4"			127	115	108	100	88	49
SP-M8A-25	4.0	5.5	1367	101	17.3	4"			149	134	125	117	104	56
SP-M8A-30	5.5	7.5	1592	101	20.1	*V5/4"			178	160	150	138	121	64
SP-M8A-37	5.5	7.5	1907	101	24.0	*V5/4"			220	195	182	167	147	75
SP-M8A-44	7.5	10.0	2222	101	27.9	*V5/4"			249	230	215	199	177	90
SP-M8A-50	7.5	10.0	2492	101	31.3	*V5/4"			296	265	246	227	198	100

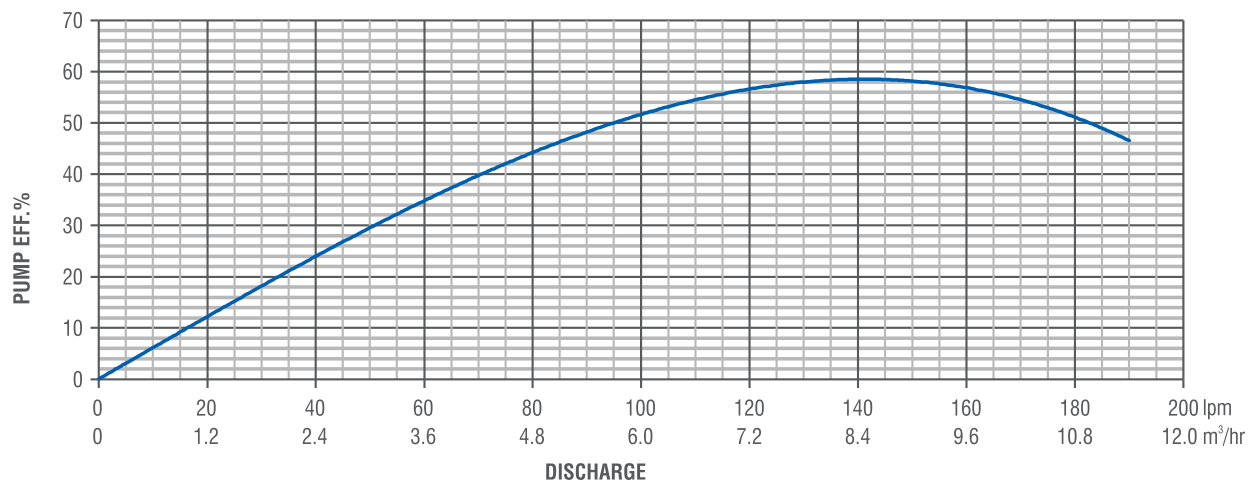
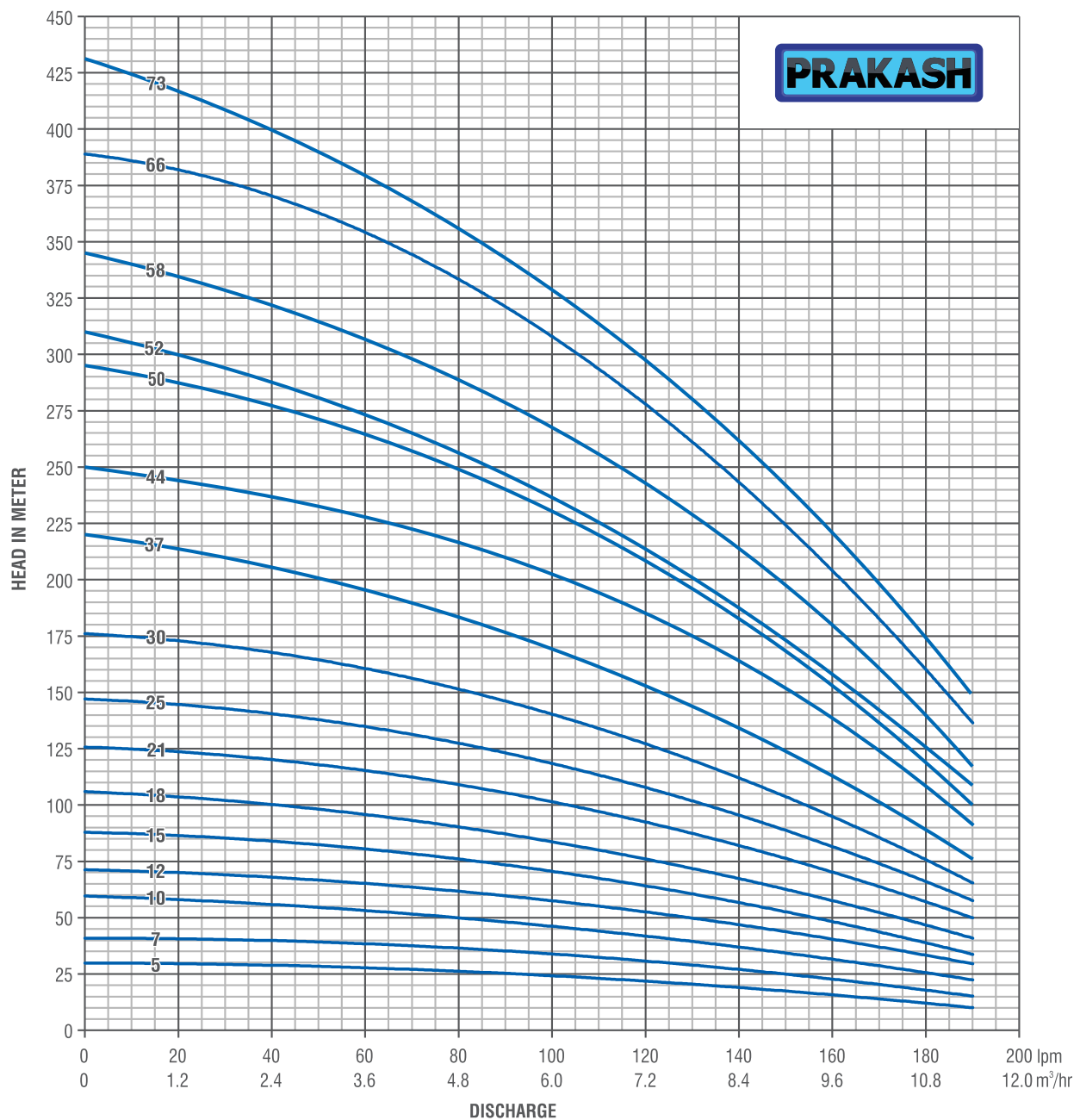
* V5 / 4" - PSMC-125 motor with 4" NEMA Extension.

SP-M8A-44	7.5	10.0	2254	143	28.8	6"	Head in meter	249	230	215	199	177	90
SP-M8A-50	7.5	10.0	2524	143	32.2	6"		296	265	246	227	198	100
SP-M8A-52	7.5	10.0	2614	143	33.4	6"		308	271	252	234	206	107
SP-M8A-58	9.3	12.5	2884	143	36.8	6"		345	310	285	262	230	117
SP-M8A-66	11	15.0	3244	143	41.4	6"		393	355	327	303	265	133
SP-M8A-73	11	15.0	3559	143	45.4	6"		432	380	350	325	285	144

Standard Outlet Size 2" BSP



HYDRAULIC PERFORMANCE CURVE SP-M8A, 50Hz, 2900rpm



Applications

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

Specifications

- Minimum internal diameter of well: 6" Ø150mm.
- Power : 1.1 kW to 55 kW
- Capacity : up to 78 m³/hr
- Head : up to 559 m

Pumped liquids

- Clean, non Corrosive and non-abrasive liquids

Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50 g/m³
- Liquid PH value: 6.5-8

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.
- Stainless steel strainer to restrict the entry of sand and other extraneous materials.

Models

- Radial flow SP-R17A.
- Mixed flow SP-M30A, SP-M46A, SP-M60A

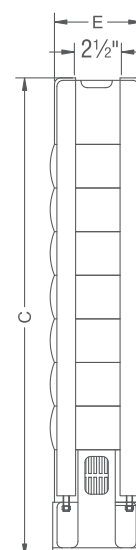
6" Submersible Pump Stainless steel

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Radial Flow SP-R17A

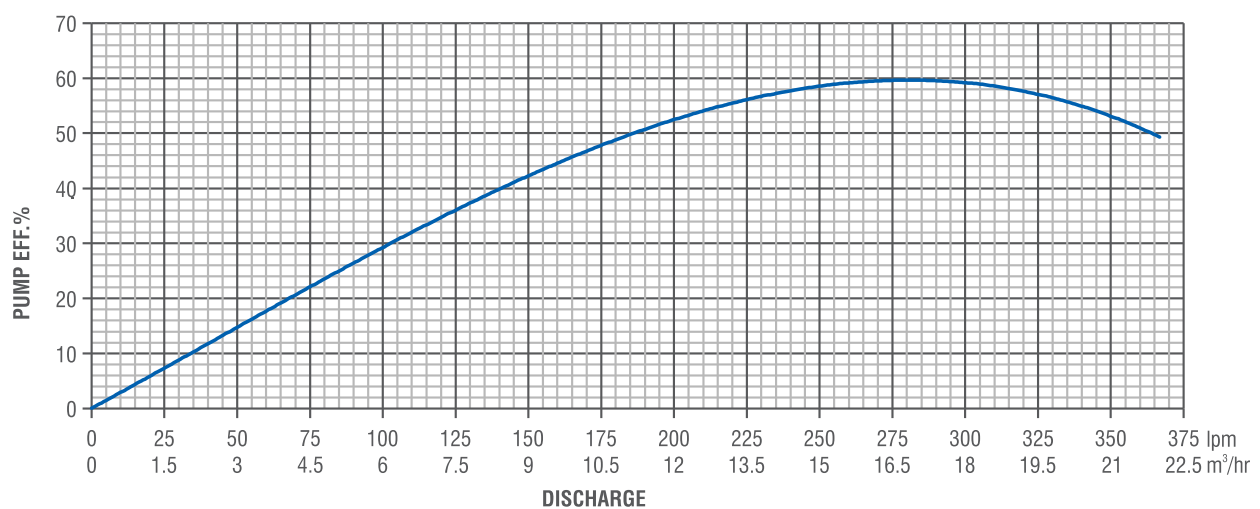
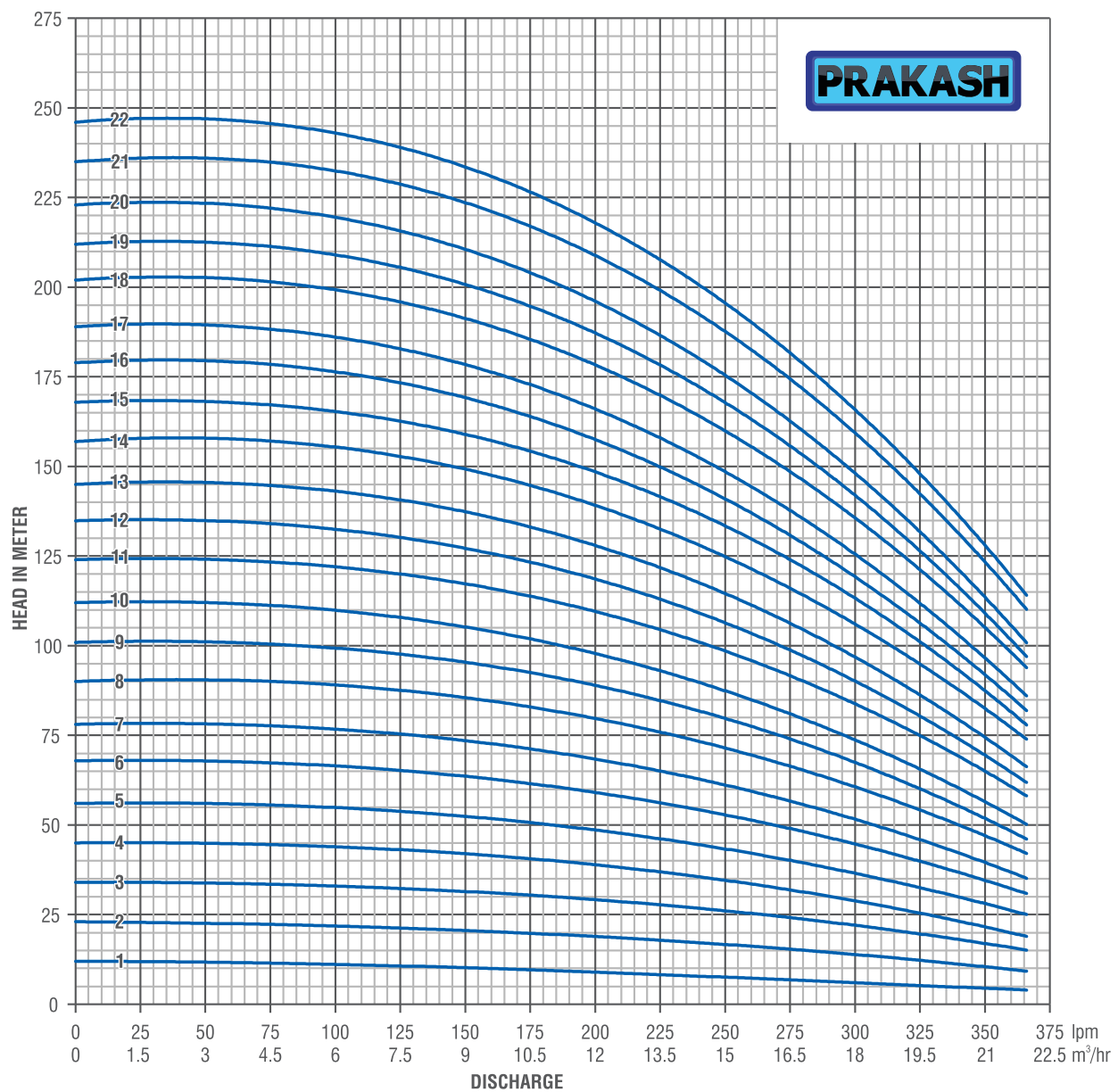
Hydraulic Pump Performance Chart, 50 Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	26	44	53	62	70	79	88	97
	kW	HP						M³/H	0	6	10	12	14	16	18	20	22
								LPM	0	100	167	200	233	267	300	333	366
SP-R17A-1	0.6	0.8	319	131	6	4"	Head in meter	12	11	10	9	8	7	6	5	4	
SP-R17A-2	1.1	1.5	379	131	7	4"		23	22	20	19	17	16	14	12	9	
SP-R17A-3	2.2	3.0	440	131	8	4"		34	33	31	29	27	25	22	19	15	
SP-R17A-4	2.2	3.0	500	131	9	4"		45	44	41	39	36	33	29	24	19	
SP-R17A-5	3	4.0	561	131	11	4"		56	55	51	49	45	41	37	31	25	
SP-R17A-6	4	5.5	621	131	12	4"		68	66	63	59	55	50	45	38	31	
SP-R17A-7	4	5.5	682	131	14	4"		78	77	72	68	64	58	52	44	35	
SP-R17A-8	5.5	7.5	759	143	16	6"		90	89	84	80	74	68	61	52	42	
SP-R17A-9	5.5	7.5	820	143	18	6"		101	99	94	89	83	76	67	58	46	
SP-R17A-10	5.5	7.5	880	143	19	6"		112	110	103	98	91	83	74	63	50	
SP-R17A-11	7.5	10.0	941	143	20	6"		124	122	115	110	102	94	84	72	58	
SP-R17A-12	7.5	10.0	1002	143	22	6"		135	132	125	119	111	101	90	77	62	
SP-R17A-13	7.5	10.0	1062	143	23	6"		145	143	135	128	119	109	97	83	66	
SP-R17A-14	9.3	12.5	1123	143	24	6"		157	155	147	139	130	119	106	91	74	
SP-R17A-15	9.3	12.5	1183	143	26	6"		168	165	156	149	139	127	113	97	78	
SP-R17A-16	9.3	12.5	1244	143	27	6"		179	176	166	158	147	134	119	102	82	
SP-R17A-17	9.3	12.5	1304	143	28	6"		189	186	175	166	155	141	126	107	86	
SP-R17A-18	11	15.0	1365	143	30	6"		202	199	188	178	167	152	136	116	94	
SP-R17A-19	11	15.0	1425	143	31	6"		212	209	197	187	175	160	142	121	97	
SP-R17A-20	11	15.0	1486	143	32	6"		223	219	207	196	183	167	148	126	101	
SP-R17A-21	13	17.5	1546	143	33	6"		235	232	220	209	195	179	159	137	110	
SP-R17A-22	13	17.5	1607	143	34	6"		246	243	229	218	204	186	166	142	114	
SP-R17A-23	13	17.5	1667	143	36	6"		257	253	239	227	212	193	172	147	118	
SP-R17A-24	13	17.5	1728	143	37	6"		267	263	248	236	220	201	178	152	122	
SP-R17A-25	15	20.0	1788	143	38	6"		280	276	261	248	232	212	189	162	131	
SP-R17A-26	15	20.0	1849	143	40	6"		291	286	271	257	240	220	196	168	135	
SP-R17A-27	15	20.0	1909	143	40	6"		301	297	280	266	249	227	202	173	139	
SP-R17A-28	18.5	25.0	1970	143	42	6"		315	311	295	281	263	241	215	186	151	
SP-R17A-29	18.5	25.0	2030	143	43	6"		326	321	305	290	272	249	222	191	155	
SP-R17A-30	18.5	25.0	2091	143	45	6"		336	332	315	299	280	257	229	197	159	
SP-R17A-31	18.5	25.0	2151	143	46	6"		347	342	324	309	289	264	236	202	163	
SP-R17A-32	18.5	25.0	2212	143	47	6"		358	353	334	318	297	272	242	208	168	
SP-R17A-33	18.5	25.0	2272	143	49	6"		368	363	344	327	305	279	249	213	172	
SP-R17A-34	22	30.0	2333	143	50	6"		382	377	357	340	318	291	260	223	181	
SP-R17A-35	22	30.0	2393	143	52	6"		392	387	367	349	326	299	266	229	185	
SP-R17A-36	22	30.0	2454	143	53	6"		403	398	377	358	335	306	273	234	189	
SP-R17A-37	22	30.0	2514	143	54	6"		414	408	386	367	343	314	279	240	193	
SP-R17A-38	22	30.0	2575	143	56	6"		425	418	396	376	351	321	286	245	197	
SP-R17A-39	22	30.0	2635	143	57	6"		435	429	405	385	360	328	292	250	201	
SP-R17A-40	22	30.0	2696	143	59	6"		446	439	415	394	368	336	298	255	205	
SP-R17A-43	26	35.0	2877	143	61	6"		481	475	450	428	400	366	326	280	227	
SP-R17A-45	26	35.0	2998	143	64	6"		503	496	469	446	417	381	339	291	235	
SP-R17A-48	26	35.0	3180	143	68	6"		535	527	498	473	441	403	358	306	246	

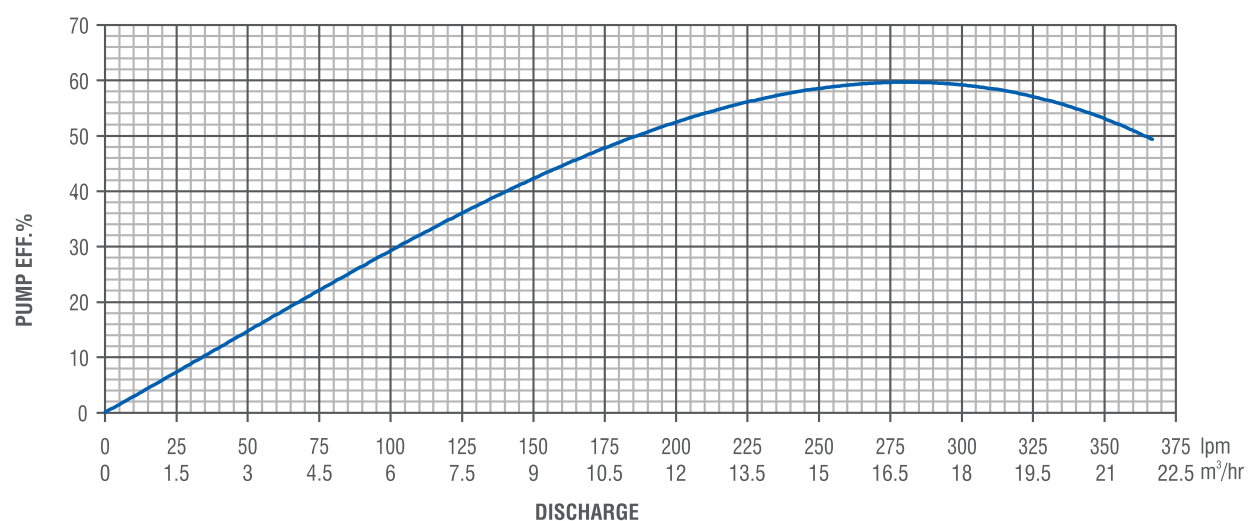
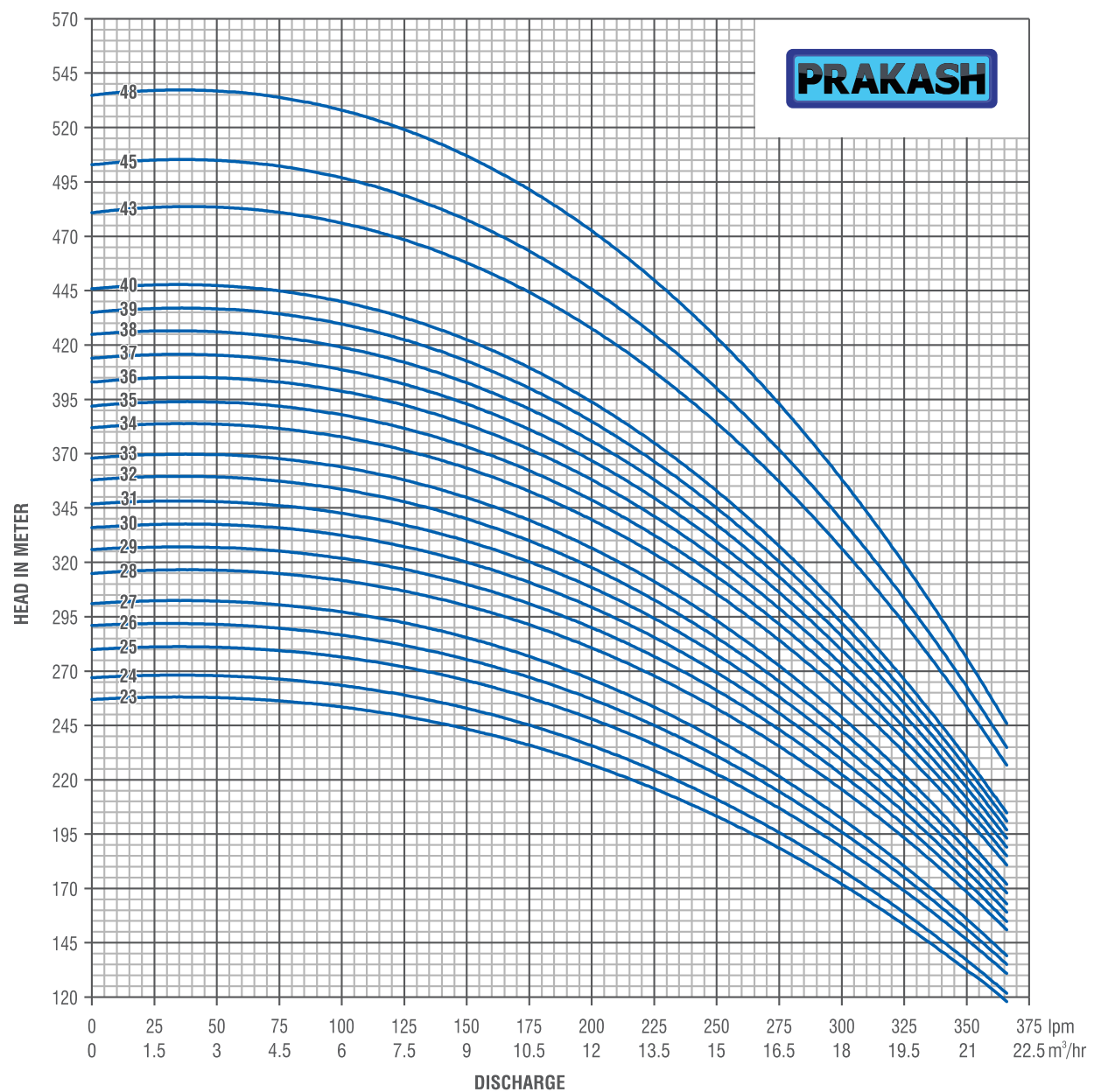


Standard Outlet 2½" BSP

HYDRAULIC PERFORMANCE CURVE SP-R17A, 50Hz, 2900rpm



HYDRAULIC PERFORMANCE CURVE SP-R17A, 50Hz, 2900rpm



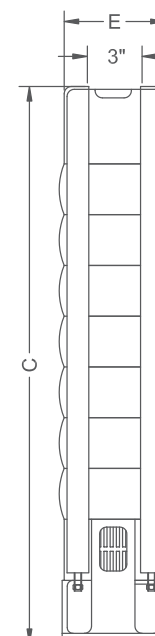
6" Submersible Pump Stainless steel

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Mixed flow SP-M30A

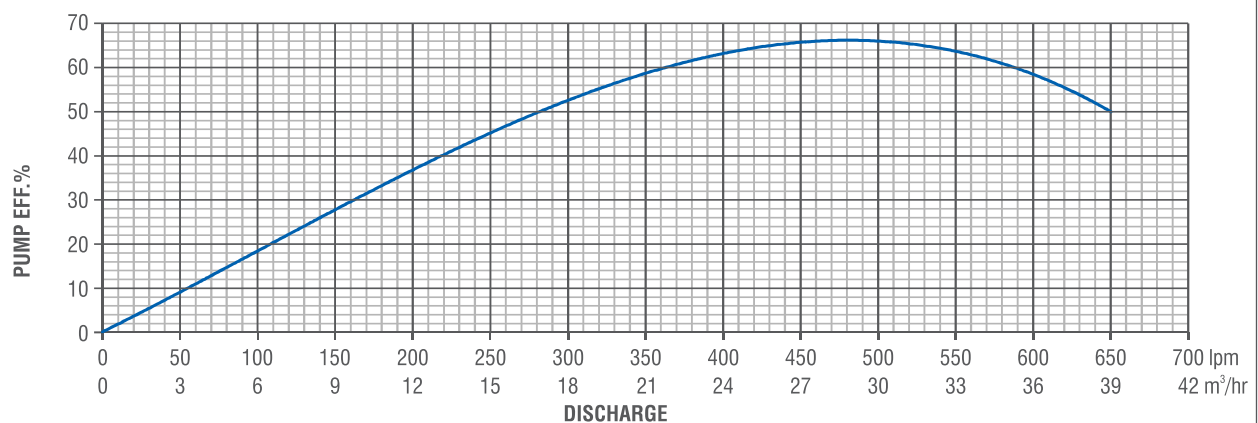
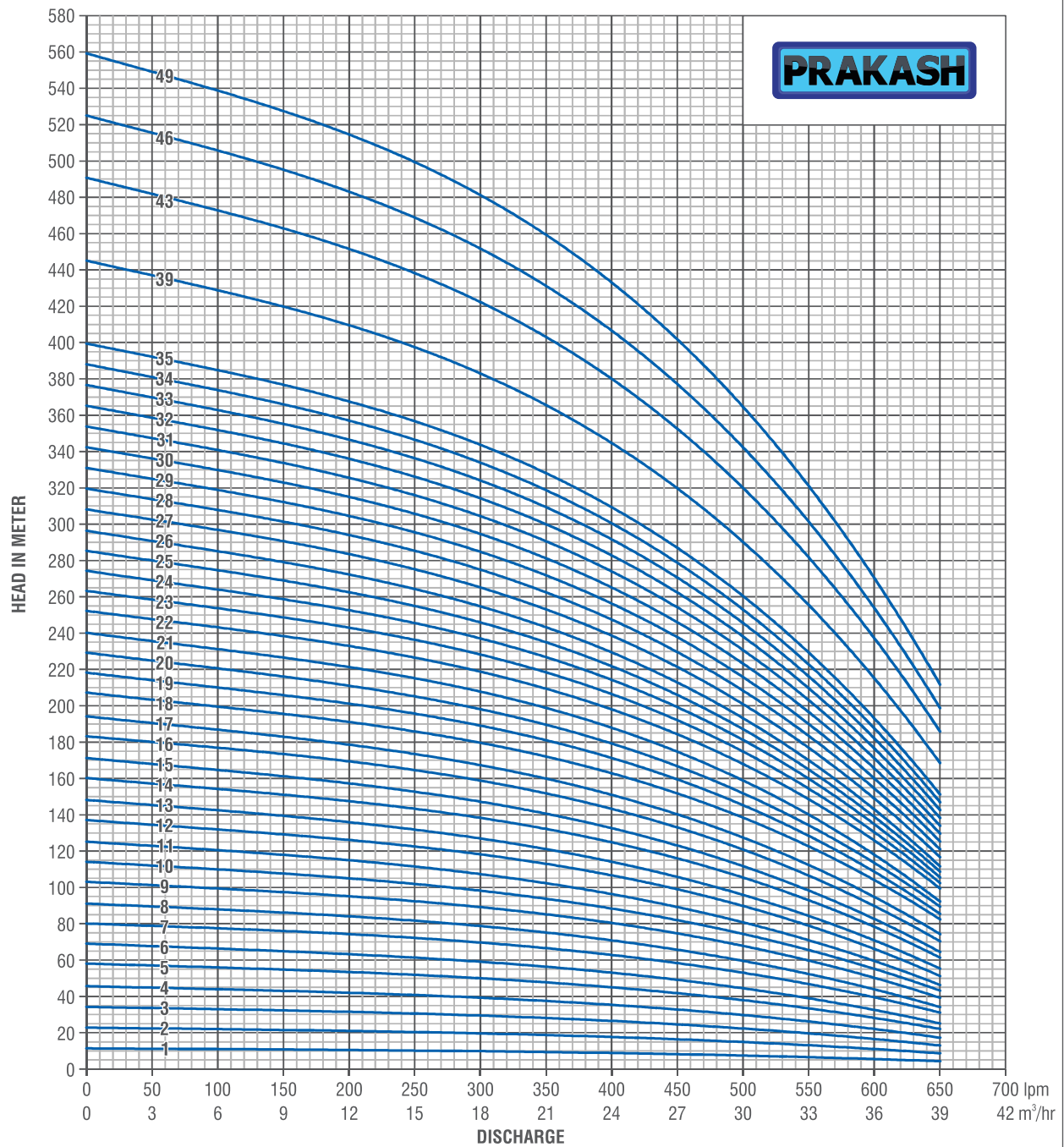
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	53	70	88	106	123	141	172
								M ³ /H	0	12	16	20	24	28	32	39
								LPM	0	200	267	333	400	467	533	650
SP-M30A-1	1.1	1.5	379	143	8	6"	Head in meter	11	11	10	10	9	8	7	4	
SP-M30A-2	2.2	3.0	475	143	10	6"		23	21	20	19	18	16	14	9	
SP-M30A-3	3	4.0	571	143	13	6"		34	32	30	29	26	24	21	13	
SP-M30A-4	4	5.5	667	143	15	6"		46	42	40	38	35	32	28	17	
SP-M30A-5	5.5	7.5	763	143	17	6"		58	54	51	48	45	41	35	22	
SP-M30A-6	5.5	7.5	859	143	19	6"		69	64	60	57	53	48	41	25	
SP-M30A-7	7.5	10.0	955	143	21	6"		80	75	71	67	63	57	49	31	
SP-M30A-8	7.5	10.0	1051	143	22	6"		91	85	80	76	71	64	55	34	
SP-M30A-9	9.3	12.5	1147	143	24	6"		103	96	91	86	80	73	63	39	
SP-M30A-10	9.3	12.5	1243	143	26	6"		114	106	100	95	88	80	69	43	
SP-M30A-11	9.3	12.5	1339	143	28	6"		125	116	110	103	96	87	75	46	
SP-M30A-12	11	15.0	1435	143	30	6"		137	127	121	114	106	97	83	51	
SP-M30A-13	11	15.0	1531	143	32	6"		148	137	130	122	114	103	89	55	
SP-M30A-14	13	17.5	1627	143	34	6"		160	149	141	133	125	113	98	61	
SP-M30A-15	13	17.5	1723	143	36	6"		171	159	150	142	132	120	104	64	
SP-M30A-16	15	20.0	1819	143	38	6"		183	171	162	153	143	130	112	70	
SP-M30A-17	15	20.0	1915	143	40	6"		194	180	171	161	151	137	118	74	
SP-M30A-18	18.5	25.0	2011	143	41	6"		207	193	183	173	163	148	129	82	
SP-M30A-19	18.5	25.0	2107	143	43	6"		218	203	193	182	171	156	135	85	
SP-M30A-20	18.5	25.0	2203	143	45	6"		229	213	202	191	179	163	141	89	
SP-M30A-21	18.5	25.0	2299	143	47	6"		240	223	212	200	189	170	147	92	
SP-M30A-22	22	30.0	2395	143	49	6"		252	235	223	211	198	180	156	99	
SP-M30A-23	22	30.0	2491	143	51	6"		263	245	233	220	206	188	162	102	
SP-M30A-24	22	30.0	2587	143	53	6"		274	255	242	228	214	195	168	105	
SP-M30A-25	22	30.0	2683	143	55	6"		285	265	251	237	221	201	174	108	
SP-M30A-26	22	30.0	2779	143	57	6"		296	275	260	245	229	208	179	111	
SP-M30A-27	26	35.0	2875	143	59	6"		308	286	270	257	238	216	186	116	
SP-M30A-28	26	35.0	2971	143	60	6"		319	297	280	266	246	224	193	120	
SP-M30A-29	26	35.0	3067	143	62	6"		331	307	290	276	255	232	200	125	
SP-M30A-30	26	35.0	3163	143	64	6"		342	318	300	285	264	240	207	129	
SP-M30A-31	26	35.0	3259	143	66	6"		353	329	310	295	273	248	214	133	
SP-M30A-32	30	40.0	3355	143	68	6"		365	339	320	304	282	256	221	138	
SP-M30A-33	30	40.0	3451	143	70	6"		376	350	330	314	290	264	228	142	
SP-M30A-34	30	40.0	3547	143	72	6"		388	360	340	323	299	272	235	146	
SP-M30A-35	30	40.0	3643	143	74	6"		399	371	350	333	308	280	242	151	
SP-M30A-39	37	50.0	4027	143	83	6"		445	413	390	371	343	312	269	168	
SP-M30A-43	37	50.0	4411	143	91	6"		490	456	430	409	378	344	297	185	
SP-M30A-46	45	60.0	4699	200	97	8"		524	488	460	437	405	368	317	198	
SP-M30A-49	45	60.0	4987	200	103	8"		559	519	490	466	431	392	338	211	



Standard Pump Outlet - 3", BSP
Available on Request - 4", BSP

HYDRAULIC PERFORMANCE CURVE SP-M30A, 50Hz, 2900rpm



6" Submersible Pump Stainless steel

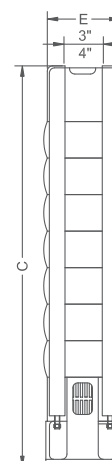
PRAKASH

Mixed flow SP-M46A

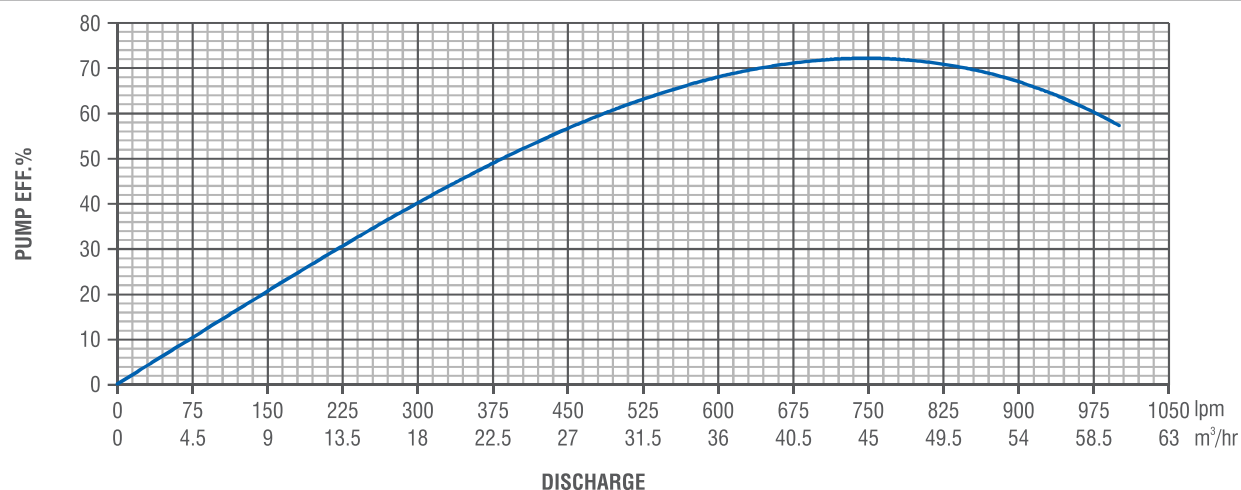
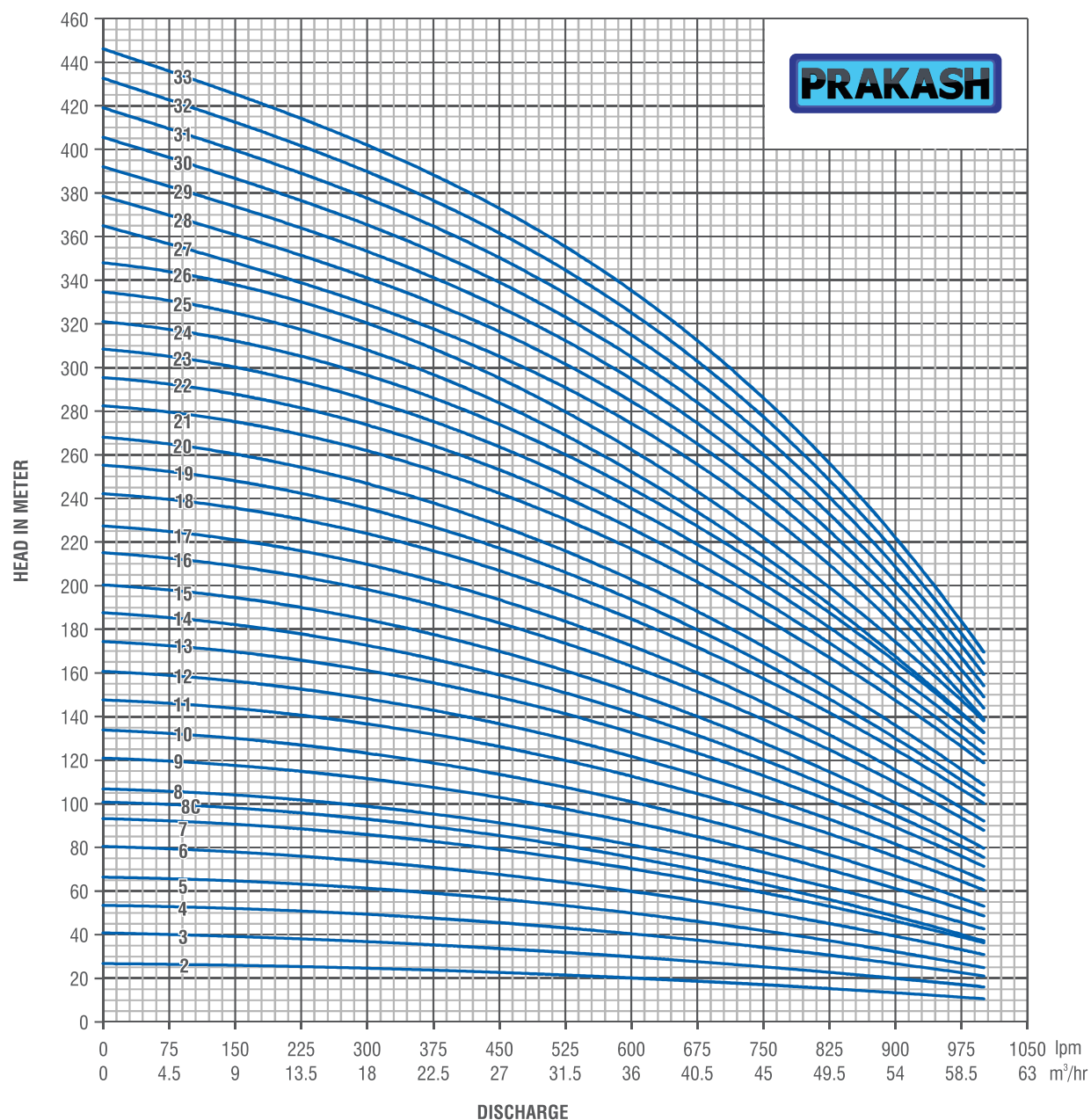
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	66	88	110	132	154	176	198	220	242	264
	kW	HP						M³/H	0	15	20	25	30	35	40	45	50	55	60
								LPM	0	250	333	417	500	583	667	750	834	917	1000
SP-M46A-2	3	4.0	509	143	11	6"	Head in meter	27	25	24	23	22	21	19	17	15	13	10	
SP-M46A-3	5.5	7.5	622	143	14	6"		41	38	36	34	32	30	28	26	23	20	15	
SP-M46A-4	7.5	10.0	735	143	16	6"		54	50	48	46	44	41	38	35	31	26	20	
SP-M46A-5	7.5	10.0	848	143	19	6"		67	62	60	57	54	51	47	43	37	31	24	
SP-M46A-6	9.3	12.5	961	143	21	6"		81	75	72	68	65	61	57	51	45	38	30	
SP-M46A-7	11	15.0	1074	143	23	6"		94	87	84	80	76	72	66	60	53	45	35	
SP-M46A-8C	11	15.0	1187	143	26	6"		103	94	91	86	82	77	71	64	56	46	35	
SP-M46A-8	13	17.5	1187	143	26	6"		108	100	96	92	88	83	77	70	62	52	41	
SP-M46A-9	15	20.0	1300	143	28	6"		122	113	109	104	99	93	87	79	70	59	47	
SP-M46A-10	15	20.0	1413	143	31	6"		135	125	120	115	109	103	95	87	77	65	51	
SP-M46A-11	18.5	25.0	1526	143	33	6"		149	138	133	128	122	115	107	97	86	73	59	
SP-M46A-12	18.5	25.0	1639	143	35	6"		162	150	145	138	132	124	115	105	93	79	63	
SP-M46A-13	22	30.0	1752	143	38	6"		176	163	157	151	143	135	126	115	102	86	69	
SP-M46A-14	22	30.0	1865	143	40	6"		189	175	169	161	153	144	134	122	108	92	73	
SP-M46A-15	22	30.0	1978	143	43	6"		202	187	180	172	163	154	143	130	115	97	77	
SP-M46A-16	26	35.0	2091	143	45	6"		217	201	193	185	176	166	155	141	125	106	85	
SP-M46A-17	26	35.0	2204	143	47	6"		229	213	205	196	186	175	163	149	132	112	89	
SP-M46A-18	30	40.0	2317	143	50	6"		244	227	219	209	199	188	175	160	142	121	97	
SP-M46A-19	30	40.0	2430	143	52	6"		257	239	230	220	209	197	183	167	148	126	101	
SP-M46A-20	30	40.0	2543	143	55	6"		270	251	241	230	219	206	192	175	155	132	105	
SP-M46A-21	37	50.0	2656	143	57	6"		285	265	255	245	234	221	206	188	167	143	115	
SP-M46A-22	37	50.0	2769	143	59	6"		298	277	267	256	244	230	215	196	174	148	119	
SP-M46A-23	37	50.0	2882	143	62	6"		311	289	278	267	254	240	223	204	181	154	124	
SP-M46A-24	37	50.0	2995	143	64	6"		324	300	289	277	264	249	232	212	188	160	128	
SP-M46A-25	45	60.0	3108	200	67	8"		338	313	300	288	273	258	238	218	193	163	128	
SP-M46A-26	45	60.0	3221	200	69	8"		351	325	312	299	283	268	247	226	200	169	133	
SP-M46A-27	45	60.0	3334	200	71	8"		365	338	324	311	294	278	257	235	208	176	138	
SP-M46A-28	45	60.0	3447	200	74	8"		378	350	336	322	305	288	266	244	216	182	143	
SP-M46A-29	45	60.0	3560	200	76	8"		392	363	348	334	316	299	276	252	223	189	148	
SP-M46A-30	45	60.0	3673	200	79	8"		405	375	360	345	327	309	285	261	231	195	153	
SP-M46A-31	55	75.0	3786	200	81	8"		419	388	372	357	338	319	295	270	239	202	158	
SP-M46A-32	55	75.0	3899	200	83	8"		432	400	384	368	349	330	304	278	246	208	163	
SP-M46A-33	55	75.0	4012	200	86	8"		446	413	396	380	360	340	314	287	254	215	168	

Standard Pump Outlet - 4" , BSP
Available on Request - 3" , BSP



HYDRAULIC PERFORMANCE CURVE SP-M46A, 50Hz, 2900rpm

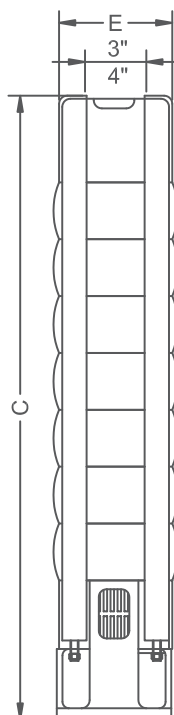


Mixed Flow SP-M60A

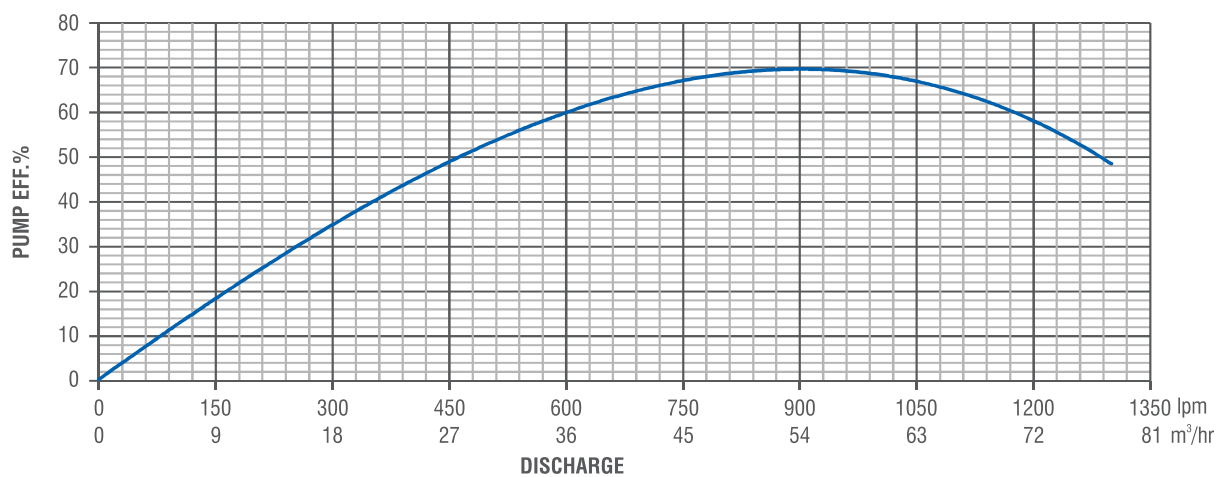
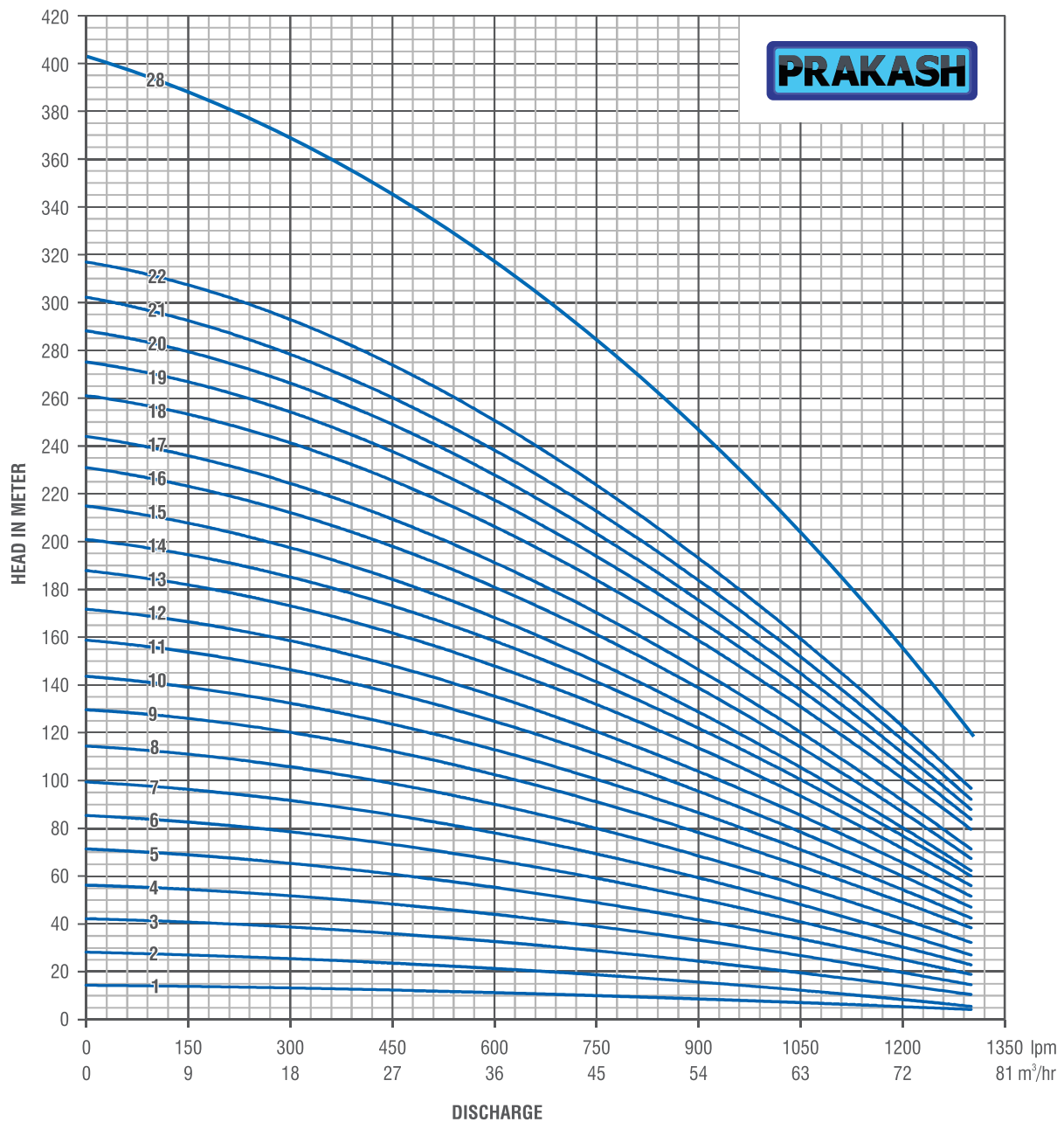
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	88	132	176	220	264	308	343
								M ³ /H	0	20	30	40	50	60	70	78
								LPM	0	333	500	667	834	1000	1167	1300
SP-M60A-1	2.2	3.0	396	143	9	6"	Head in meter	14	13	12	11	9	8	6	4	
SP-M60A-2	4	5.5	509	143	11	6"		28	26	23	19	17	14	10	5	
SP-M60A-3	5.5	7.5	622	143	14	6"		42	39	35	30	26	22	16	10	
SP-M60A-4	7.5	10.0	735	143	16	6"		56	52	47	41	35	30	22	14	
SP-M60A-5	9.3	12.5	848	143	19	6"		71	66	59	51	44	38	28	18	
SP-M60A-6	11	15.0	961	143	21	6"		85	79	71	62	54	45	34	22	
SP-M60A-7	13	17.5	1074	143	23	6"		99	92	83	73	63	53	40	26	
SP-M60A-8	15	20.0	1187	143	26	6"		114	106	96	84	73	61	47	31	
SP-M60A-9	18.5	25.0	1300	143	28	6"		129	121	109	95	83	71	54	37	
SP-M60A-10	18.5	25.0	1413	143	31	6"		143	133	120	105	92	78	60	41	
SP-M60A-11	22	30.0	1526	143	33	6"		158	147	133	116	101	86	67	45	
SP-M60A-12	22	30.0	1639	143	35	6"		171	159	144	126	110	94	72	50	
SP-M60A-13	26	35.0	1752	143	38	6"		187	174	157	138	120	103	79	54	
SP-M60A-14	26	35.0	1865	143	40	6"		200	186	168	148	129	110	85	58	
SP-M60A-15	26	35.0	1978	143	43	6"		214	198	179	157	136	116	89	60	
SP-M60A-16	30	40.0	2091	143	45	6"		230	213	192	169	147	125	96	65	
SP-M60A-17	30	40.0	2204	143	47	6"		243	225	203	179	155	132	101	69	
SP-M60A-18	37	50.0	2317	143	50	6"		260	242	219	193	168	143	111	77	
SP-M60A-19	37	50.0	2430	143	52	6"		274	255	231	203	177	151	117	81	
SP-M60A-20	37	50.0	2543	143	55	6"		287	267	242	213	186	158	123	85	
SP-M60A-21	37	50.0	2656	143	57	6"		301	279	253	223	194	166	129	89	
SP-M60A-22	45	60.0	2769	200	59	8"		316	294	266	234	205	174	135	94	
SP-M60A-28	55	75.0	3447	200	74	8"		402	374	339	298	260	221	172	119	

Standard Pump Outlet - 4", BSP
Available on Request - 3", BSP



HYDRAULIC PERFORMANCE CURVE SP-M60A, 50Hz, 2900rpm



Applications

- Domestic and community water supply
- Irrigation in horticulture and agriculture
- Irrigation including drip and sprinkler application
- Booster application
- Civil and industrial application
- Fire fighting application

Pumped liquids

- Clean, non Corrosive and non-abrasive liquids

Specifications

- Minimum internal diameter of well: 8" Ø200mm.
- Power : 5.5 to 93 kW
- Capacity : up to 122 m³/h
- Head : up to 423 m

Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50 g/m³
- Liquid PH value: 6.5-8

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.
- Stainless steel strainer to restrict the entry of sand and other extraneous materials.

Models

- Mixed flow SP-M77A, SP-M95A

8" Submersible Pump Stainless steel

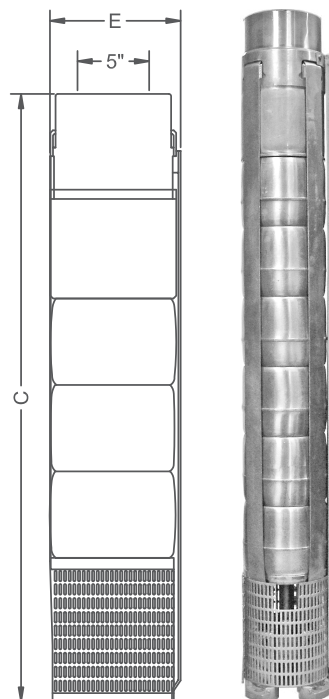
PRAKASH

Mixed flow SP-M77A

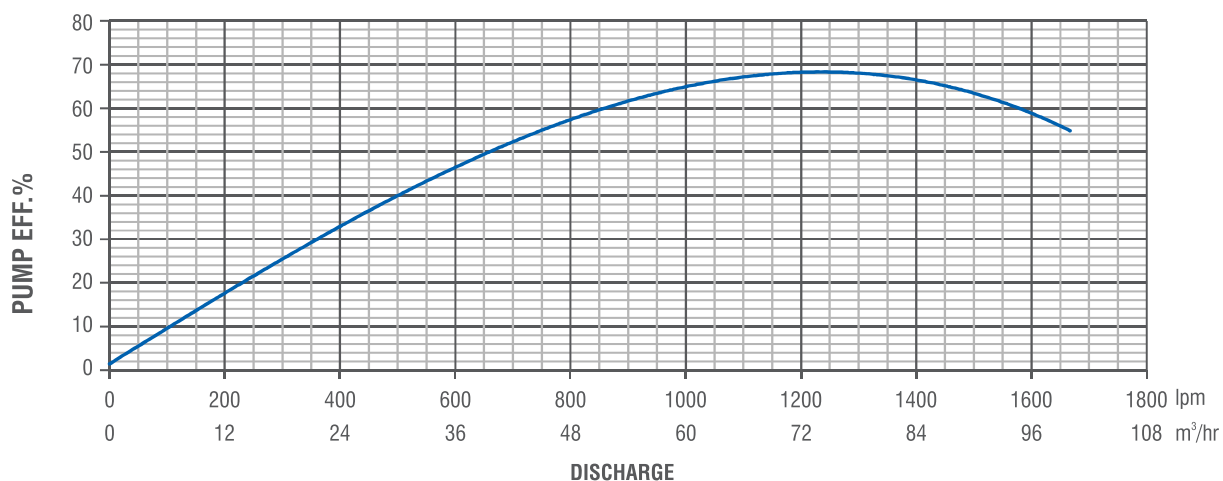
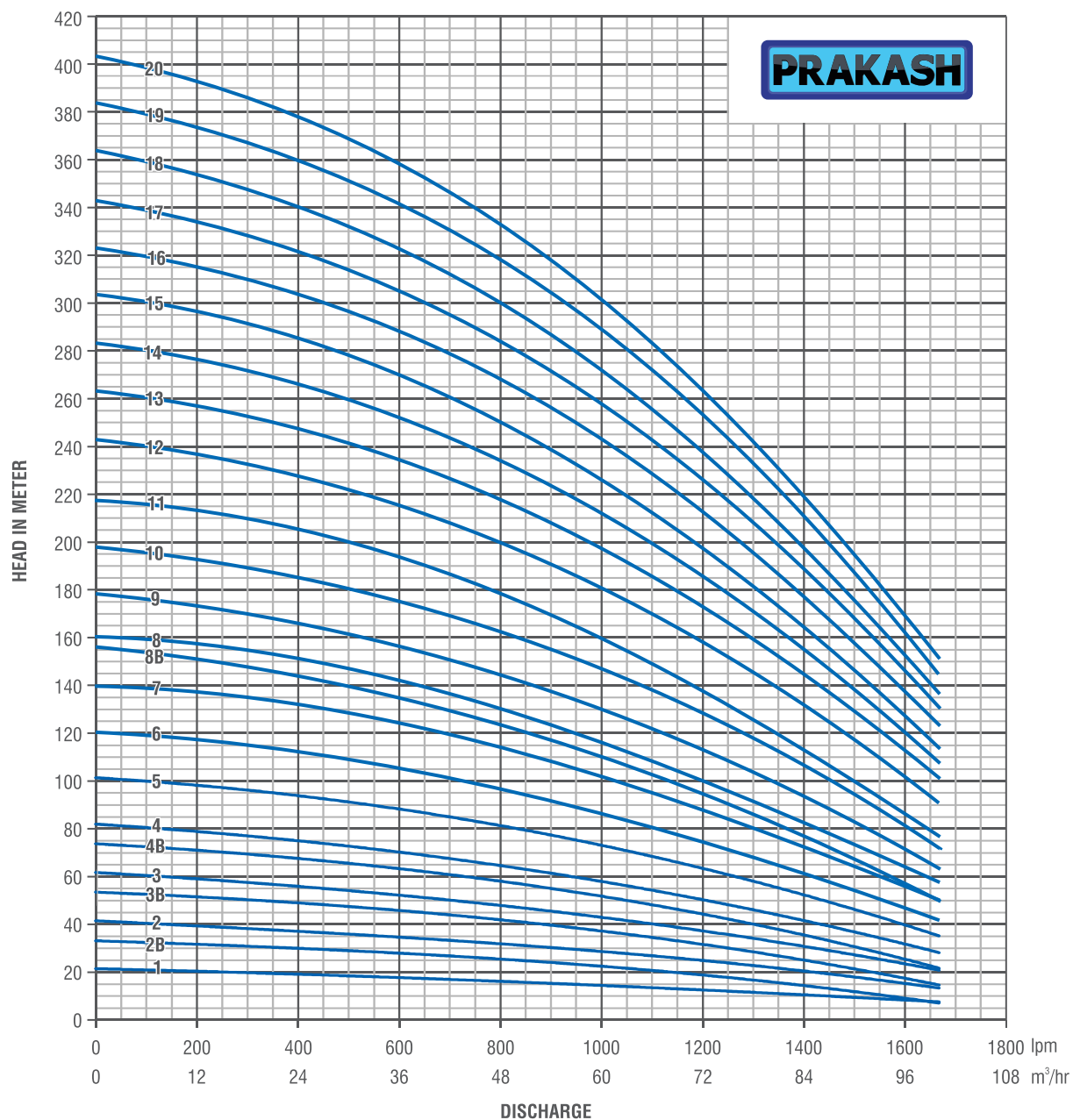
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	44	88	132	176	220	264	308	352	396	440
								M ³ /H	0	10	20	30	40	50	60	70	80	90	100
								LPM	0	167	333	500	667	834	1000	1167	1334	1500	1667
SP-M77A-1	5.5	7.5	578	178	19	6"	Head in meter	21	21	20	19	17	15	14	13	12	10	7	
SP-M77A-2B	5.5	7.5	706	178	23	6"		33	32	31	29	27	25	22	20	16	12	7	
SP-M77A-2	7.5	10.0	706	178	23	6"		41	40	39	36	33	31	28	26	23	18	13	
SP-M77A-3B	9.3	12.5	834	178	27	6"		53	52	51	48	44	40	37	33	28	22	14	
SP-M77A-3	11	15.0	834	178	30	6"		61	60	58	55	50	46	42	39	34	28	20	
SP-M77A-4B	13	17.5	962	178	34	6"		73	72	70	66	61	56	51	46	40	31	21	
SP-M77A-4	15	20.0	962	178	38	6"		81	80	78	73	68	62	57	52	46	38	27	
SP-M77A-5	18.5	25.0	1090	178	42	6"		100	100	97	92	85	78	72	66	58	47	34	
SP-M77A-6	22	30.0	1218	178	45	6"		120	120	116	110	102	94	86	78	69	56	41	
SP-M77A-7	26	35.0	1346	178	49	6"		140	140	136	129	119	110	101	92	81	66	48	
SP-M77A-8B	26	35.0	1474	178	51	6"		152	151	147	139	129	118	108	98	85	68	48	
SP-M77A-8	30	40.0	1474	200	51	8"		160	160	156	147	137	126	116	105	93	76	55	
SP-M77A-9	30	40.0	1602	200	54	8"		179	179	174	164	152	140	129	117	103	85	61	
SP-M77A-10	37	50.0	1730	200	58	8"		199	199	194	184	171	157	145	132	117	96	69	
SP-M77A-11	37	50.0	1858	200	62	8"		218	218	212	201	186	172	158	144	127	104	74	
SP-M77A-12	45	60.0	1986	200	65	8"		242	243	237	225	209	193	178	163	145	120	88	
SP-M77A-13	55	75.0	2114	200	69	8"		264	264	258	245	228	211	195	178	159	132	98	
SP-M77A-14	55	75.0	2242	200	73	8"		283	284	277	263	245	226	209	191	170	141	104	
SP-M77A-15	55	75.0	2370	200	77	8"		303	303	296	281	262	242	223	204	181	150	110	
SP-M77A-16	63	85.0	2498	200	80	8"		324	325	317	301	281	259	239	219	195	162	119	
SP-M77A-17	63	85.0	2626	200	84	8"		343	344	336	319	297	274	253	232	206	171	126	
SP-M77A-18	63	85.0	2754	200	88	8"		363	363	355	337	314	290	267	244	217	180	132	
SP-M77A-19	75	100.0	2882	200	91	8"		383	384	376	357	332	307	283	259	230	191	140	
SP-M77A-20	75	100.0	3010	200	95	8"		404	404	395	375	349	322	297	271	241	200	146	

Standard Pump Outlet - 5" BSP



HYDRAULIC PERFORMANCE CURVE SP-M77A, 50Hz, 2900rpm



8" Submersible Pump Stainless steel

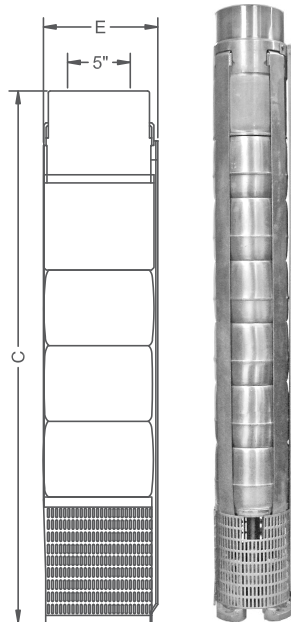
PRAKASH

Mixed flow SP-M95A

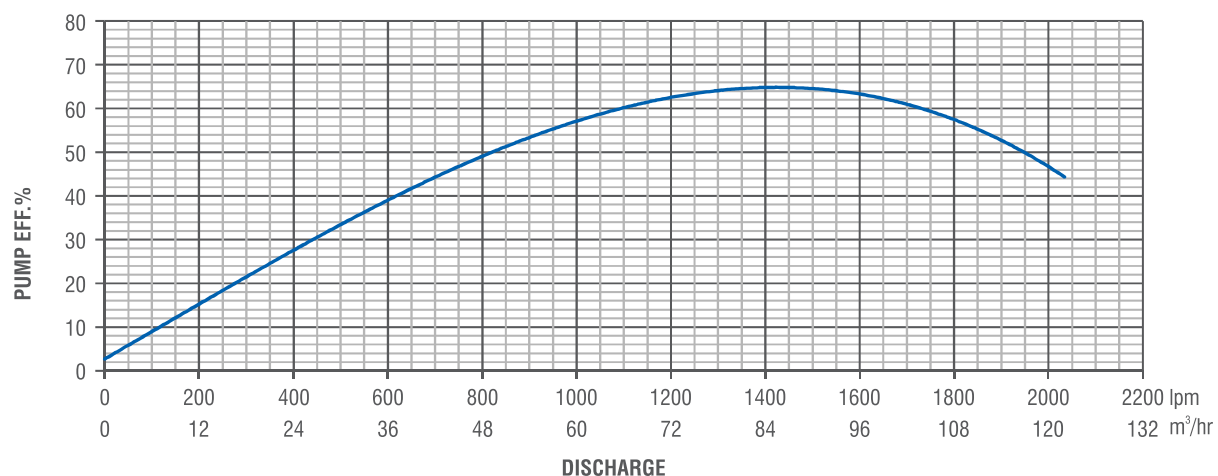
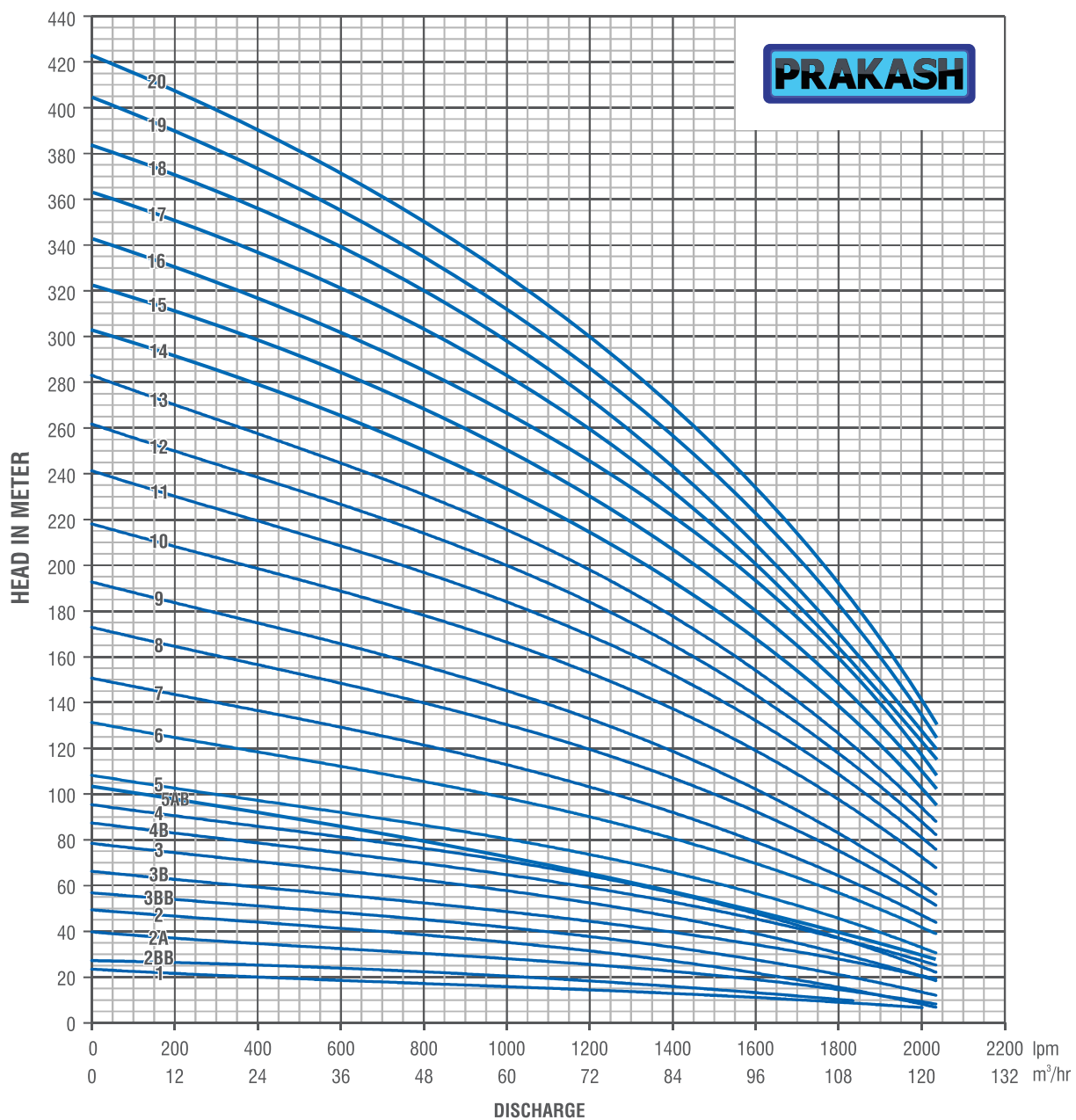
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	132	176	220	264	308	352	396	440	484	528	537
								M³/H	0	30	40	50	60	70	80	90	100	110	120	122
								LPM	0	500	667	834	1000	1167	1334	1500	1667	1834	2000	2034
SP-M95A-1	5.5	7.5	578	178	18	6"	Head in meter	23	20	18	17	15	14	13	13	11	9	6	0	
SP-M95A-2BB	5.5	7.5	706	178	22	6"		27	24	23	22	21	19	17	14	12	10	0	0	
SP-M95A-2A	7.5	10.0	706	178	22	6"		39	34	32	29	27	26	24	21	18	14	9	8	
SP-M95A-2	9.3	12.5	706	178	22	6"		44	39	36	33	31	29	27	25	22	17	13	12	
SP-M95A-3BB	9.3	12.5	834	178	26	6"		49	43	40	37	35	32	29	25	20	14	8	7	
SP-M95A-3B	11	15.0	834	178	26	6"		56	50	47	44	41	38	35	31	26	20	13	12	
SP-M95A-3	13	17.5	834	178	26	6"		65	58	55	51	47	44	42	38	33	27	20	19	
SP-M95A-4B	15	20.0	962	178	30	6"		77	70	65	60	56	53	49	44	37	29	20	18	
SP-M95A-4	18.5	25.0	962	178	30	6"		86	78	73	67	63	59	55	51	44	36	26	25	
SP-M95A-5AB	18.5	25.0	1090	178	34	6"		94	85	79	74	69	65	60	54	45	35	24	22	
SP-M95A-5	22	30.0	1090	178	34	6"		106	96	90	84	78	73	69	63	55	44	32	30	
SP-M95A-6	26	35.0	1218	178	38	6"		129	117	110	102	96	90	84	77	68	55	41	38	
SP-M95A-7	30	40.0	1346	178	48	8"		148	135	126	118	110	103	96	88	77	62	46	43	
SP-M95A-8	37	50.0	1474	178	51	8"		170	155	145	136	127	119	112	102	90	73	54	50	
SP-M95A-9	37	50.0	1602	178	54	8"		189	173	162	151	141	133	124	114	99	80	59	55	
SP-M95A-10	45	60.0	1730	196	57	8"		214	197	185	173	162	152	143	132	116	95	71	66	
SP-M95A-11	55	75.0	1858	196	60	8"		237	217	205	191	179	169	158	146	129	106	79	74	
SP-M95A-12	55	75.0	1986	196	63	8"		257	236	222	208	195	183	172	158	140	115	86	80	
SP-M95A-13	55	75.0	2114	196	66	8"		278	255	240	224	210	198	185	170	150	123	92	86	
SP-M95A-14	63	85.0	2242	196	69	8"		300	276	259	243	227	214	201	185	163	134	100	93	
SP-M95A-15	75	100.0	2370	196	72	8"		321	296	278	260	244	230	215	198	175	144	107	100	
SP-M95A-16	75	100.0	2498	196	75	8"		344	314	296	277	259	244	229	211	186	152	114	106	
SP-M95A-17	75	100.0	2626	196	78	8"		362	333	313	293	275	258	242	223	196	160	120	112	
SP-M95A-18	93	125.0	2754	196	81	8"		382	352	331	309	290	272	255	235	206	169	125	117	
SP-M95A-19	93	125.0	2882	196	84	8"		402	370	348	325	305	287	269	247	216	177	131	122	
SP-M95A-20	93	125.0	3010	196	87	8"		423	388	365	341	320	301	281	258	226	184	137	128	

Standard Pump Outlet - 5" BSP



HYDRAULIC PERFORMANCE CURVE SP-M95A, 50Hz, 2900rpm



Applications

- Domestic and community water supply
- Irrigation in horticulture and agriculture
- Irrigation including drip and sprinkler application
- Booster application
- Civil and industrial application
- Fire fighting application

Pumped liquids

- Clean, non Corrosive and non-abrasive liquids

Specifications

- Minimum internal diameter of well: 10" Ø250mm.
- Power : 7.5 kW to 185 kW
- Capacity : up to 276 m³/h
- Head : up to 485 m

Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50 g/m³
- Liquid PH value: 6.5-8

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.
- Stainless steel strainer to restrict the entry of sand and other extraneous materials.

Models

- Mixed flow SP-M125A, SP-M160A, SP-M215A.

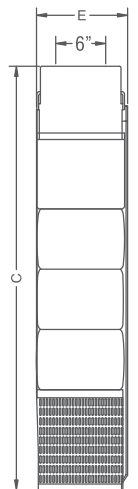
10" Submersible Pump Stainless steel

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Mixed Flow SP-M125A

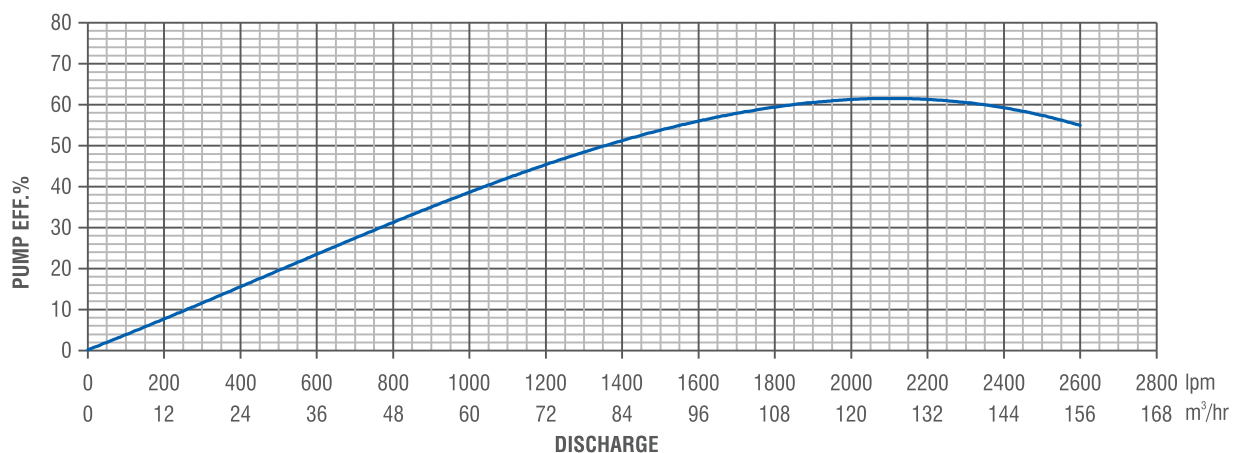
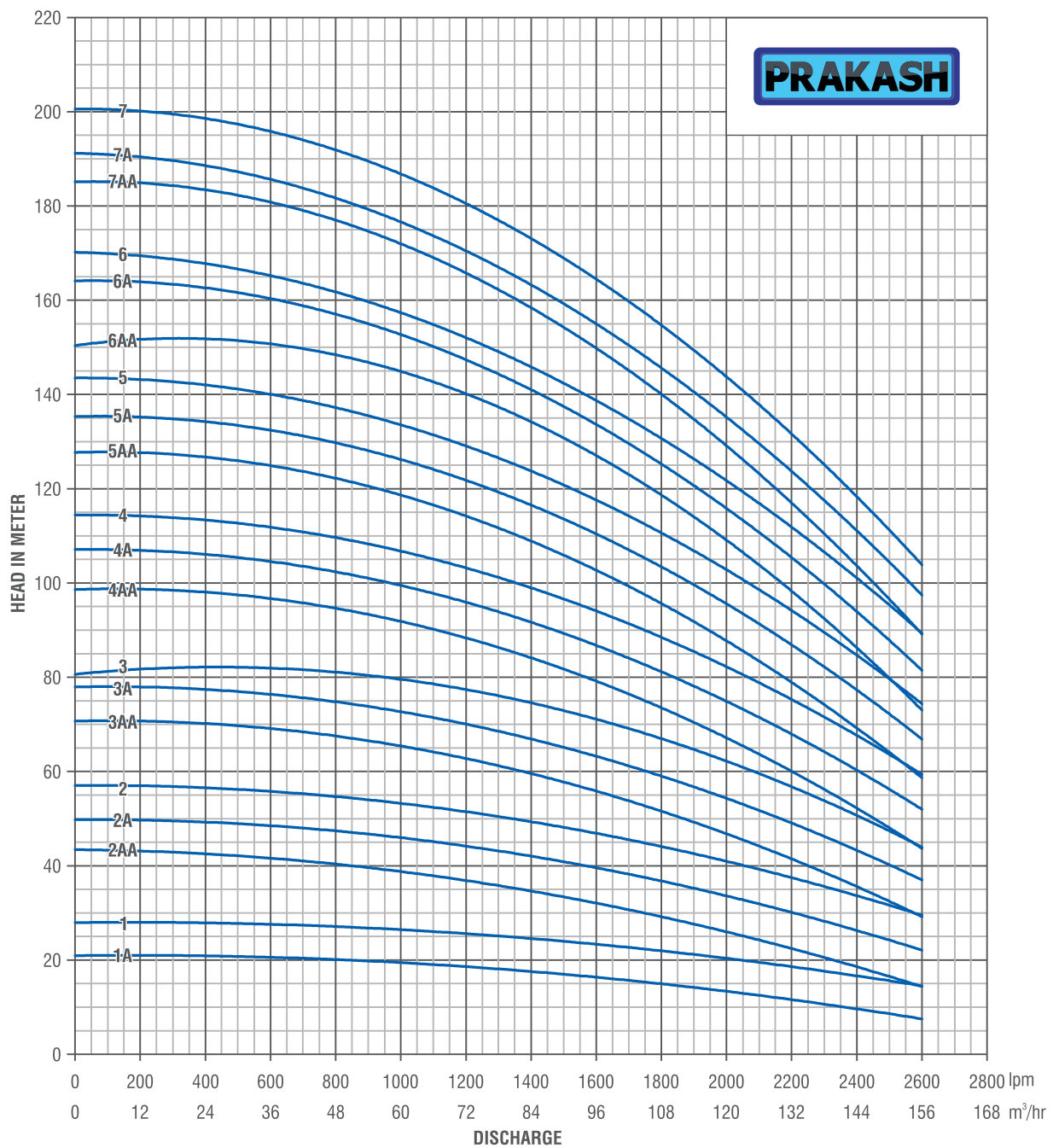
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	211	423	555	634	687
	kW	HP						M³/H	0	48	96	126	144	156
								LPM	0	800	1600	2100	2400	2600
SP-M125A-1A	7.5	10.0	581	211	25	6"	Head in meter	21	20	16	13	10	7	
SP-M125A-1	11	15.0	581	211	25	6"		28	27	23	20	17	14	
SP-M125A-2AA	13	17.5	737	211	30	6"		44	39	32	26	19	13	
SP-M125A-2A	18.5	25.0	737	211	30	6"		50	47	39	33	27	21	
SP-M125A-2	22	30.0	737	211	30	6"		57	55	46	40	34	29	
SP-M125A-3AA	22	30.0	893	211	37	6"		71	67	55	46	36	28	
SP-M125A-3A	26	35.0	893	211	37	6"		78	75	62	53	44	36	
SP-M125A-3	30	40.0	906	211	40	8"		80	83	69	60	51	44	
SP-M125A-4AA	37	50.0	1062	211	46	8"		99	94	78	66	53	42	
SP-M125A-4A	37	50.0	1062	211	46	8"		107	103	85	73	61	51	
SP-M125A-4	37	50.0	1062	213	46	8"		114	111	92	80	68	59	
SP-M125A-5AA	45	60.0	1218	213	52	8"		128	122	101	86	70	57	
SP-M125A-5A	45	60.0	1218	213	52	8"		135	131	108	93	78	66	
SP-M125A-5	55	75.0	1218	213	52	8"		143	139	115	100	85	74	
SP-M125A-6AA	55	75.0	1374	213	58	8"		150	150	124	106	87	72	
SP-M125A-6A	55	75.0	1374	213	58	8"		164	158	131	113	95	80	
SP-M125A-6	67	90.0	1374	218	58	8"		171	160	138	120	102	87	
SP-M125A-7AA	67	90.0	1530	218	64	8"		185	178	147	126	104	88	
SP-M125A-7A	67	90.0	1530	218	64	8"		192	180	154	133	112	95	
SP-M125A-7	75	100.0	1530	218	64	8"		200	194	161	140	119	103	
SP-M125A-8AA	75	100.0	1686	218	70	8"		213	205	170	146	121	101	
SP-M125A-8A	75	100.0	1686	218	70	8"		221	213	177	153	129	109	
SP-M125A-8	75	100.0	1686	218	70	8"		228	222	184	160	136	118	
SP-M125A-9AA	93	125.0	1842	218	76	8"		242	233	193	166	138	116	
SP-M125A-9A	93	125.0	1842	218	76	8"		249	241	200	173	146	124	
SP-M125A-9	93	125.0	1842	218	76	8"		257	249	207	180	153	132	
SP-M125A-10AA	93	125.0	1998	218	82	8"		270	261	216	186	155	131	
SP-M125A-10A	93	125.0	1998	218	82	8"		278	269	223	193	163	139	
SP-M125A-10	93	125.0	1998	218	82	8"		285	277	230	200	170	147	
SP-M125A-11	110	150.0	2154	218	88	10"		314	305	253	220	187	162	
SP-M125A-12	130	175.0	2310	237	94	10"		342	332	276	240	204	176	
SP-M125A-13	130	175.0	2466	237	100	10"		371	360	299	260	221	191	
SP-M125A-14	150	200.0	2622	237	106	10"		399	388	322	280	238	206	
SP-M125A-15	150	200.0	2778	237	112	10"		428	416	345	300	255	221	
SP-M125A-16	185	250.0	2934	237	118	10"		456	443	368	320	272	235	
SP-M125A-17	185	250.0	3090	237	124	10"		485	471	391	340	289	250	

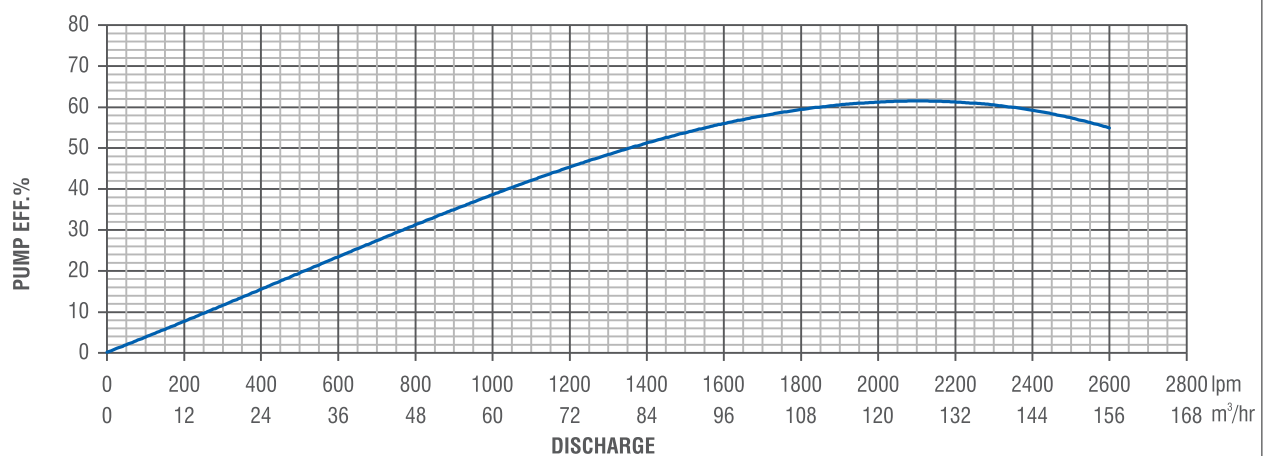
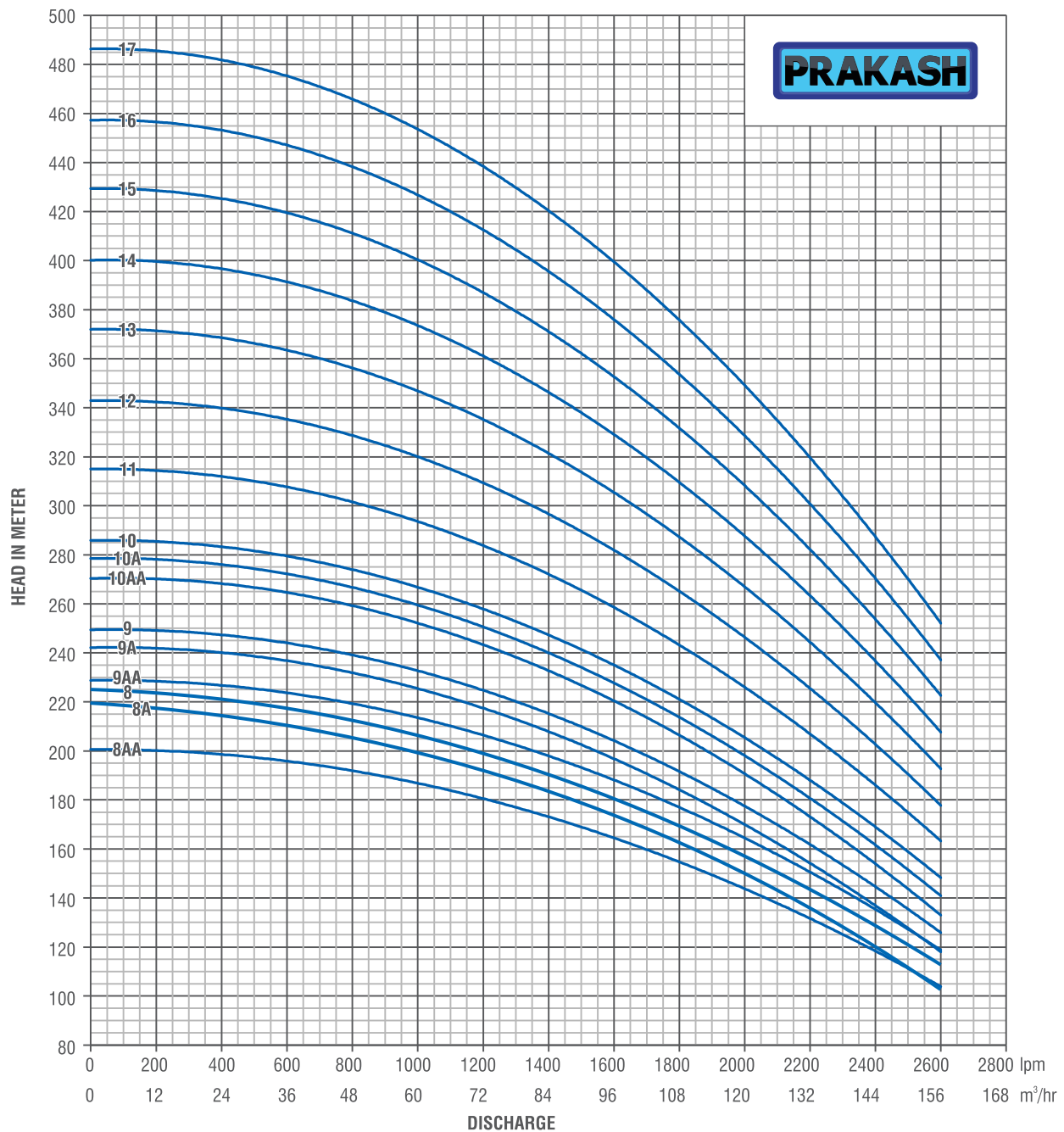


Standard Pump Outlet - 6" BSP

HYDRAULIC PERFORMANCE CURVE SP- M125A, 50Hz, 2900 rpm



HYDRAULIC PERFORMANCE CURVE SP- M125A, 50Hz, 2900 rpm



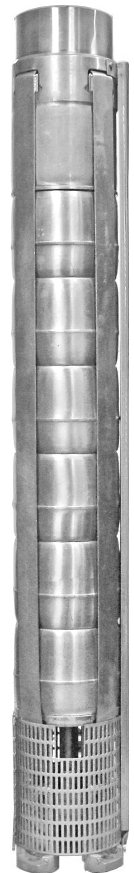
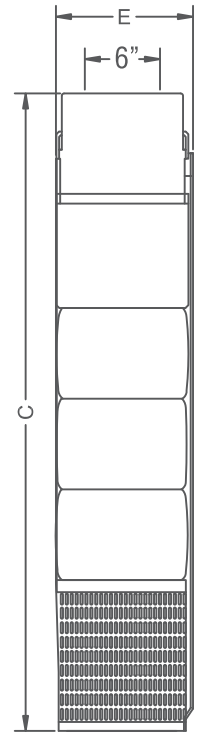
10" Submersible Pump Stainless steel

PRAKASH

Mixed Flow SP-M160A

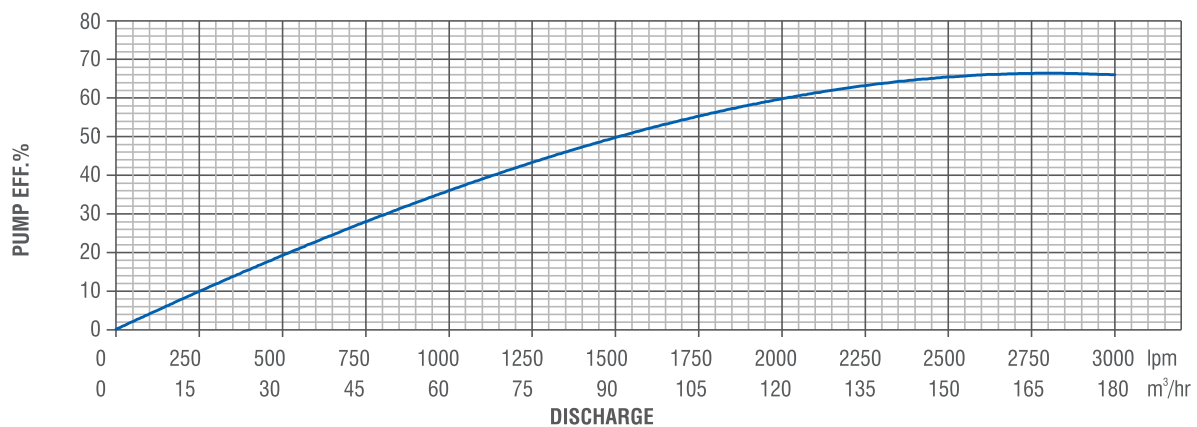
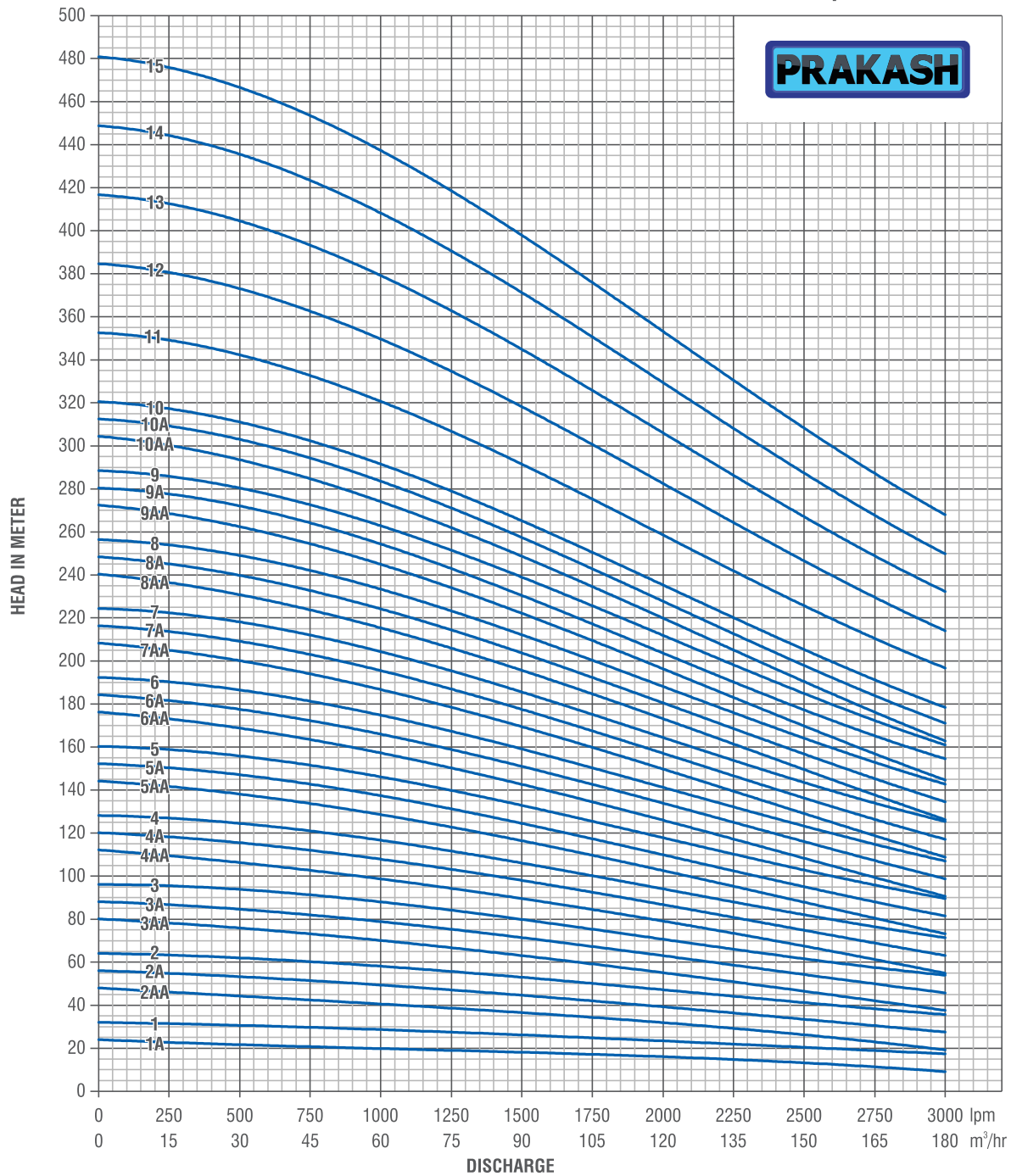
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	264	396	528	713	793
								M ³ /H	0	60	90	120	162	180
								LPM	0	1000	1500	2000	2700	3000
SP-M160A-1A	9.3	12.5	581	211	25	6"	Head in meter	24	20	18	16	12	9	
SP-M160A-1	13	17.5	581	211	25	6"		32	29	26	23	20	17	
SP-M160A-2AA	18.5	25.0	737	211	31	6"		48	41	36	32	24	19	
SP-M160A-2A	22	30.0	737	211	31	6"		56	50	44	39	32	27	
SP-M160A-2	26	35.0	737	211	31	6"		64	59	52	47	40	35	
SP-M160A-3AA	30	40.0	906	211	40	8"		80	71	62	55	44	37	
SP-M160A-3A	37	50.0	906	211	40	8"		88	80	70	63	52	45	
SP-M160A-3	37	50.0	906	211	40	8"		96	89	79	70	60	53	
SP-M160A-4AA	45	60.0	1062	218	46	8"		112	100	88	79	64	54	
SP-M160A-4A	45	60.0	1062	218	46	8"		120	109	97	86	72	62	
SP-M160A-4	55	75.5	1062	218	46	8"		128	118	105	93	80	70	
SP-M160A-5AA	55	75.5	1218	218	52	8"		144	130	115	102	84	72	
SP-M160A-5A	55	75.5	1218	218	52	8"		152	139	123	109	92	80	
SP-M160A-5	67	90.0	1218	218	52	8"		160	148	131	117	100	88	
SP-M160A-6AA	67	90.0	1374	218	58	8"		176	159	141	125	104	89	
SP-M160A-6A	75	100.0	1374	218	58	8"		184	168	149	133	112	97	
SP-M160A-6	75	100.0	1374	218	58	8"		192	177	157	140	120	105	
SP-M160A-7AA	75	100.0	1530	218	64	8"		208	189	167	149	124	107	
SP-M160A-7A	93	125.0	1530	218	64	8"		216	198	175	156	132	115	
SP-M160A-7	93	125.0	1530	218	64	8"		224	207	183	163	140	123	
SP-M160A-8AA	93	125.0	1686	218	70	8"		240	218	193	172	144	124	
SP-M160A-8A	93	125.0	1686	218	70	8"		248	227	201	179	152	132	
SP-M160A-8	93	125.0	1686	218	70	8"		256	236	210	186	160	140	
SP-M160A-9AA	110	150.0	1842	218	76	8"		272	248	219	195	164	142	
SP-M160A-9A	110	150.0	1842	218	76	8"		280	257	228	202	172	152	
SP-M160A-9	110	150.0	1842	218	76	10"		288	266	236	210	180	158	
SP-M160A-10AA	110	150.0	1998	218	82	10"		304	277	246	218	184	160	
SP-M160A-10A	130	175.0	1998	237	82	10"		312	287	254	226	192	168	
SP-M160A-10	130	175.0	1998	237	82	10"		320	295	262	233	200	175	
SP-M160A-11	130	175.0	2154	237	88	10"		352	324.5	288	256	220	193	
SP-M160A-12	150	200.0	2310	237	94	10"		384	354	314	280	240	210	
SP-M160A-13	185	250.0	2466	237	100	10"		416	383.5	341	303	260	228	
SP-M160A-14	185	250.0	2622	237	106	10"		448	413	367	326	280	245	
SP-M160A-15	185	250.0	2778	237	112	10"		480	442.5	393	350	300	263	



Standard Pump Outlet - 6" BSP

HYDRAULIC PERFORMANCE CURVE SP-M160A, 50Hz, 2900 rpm

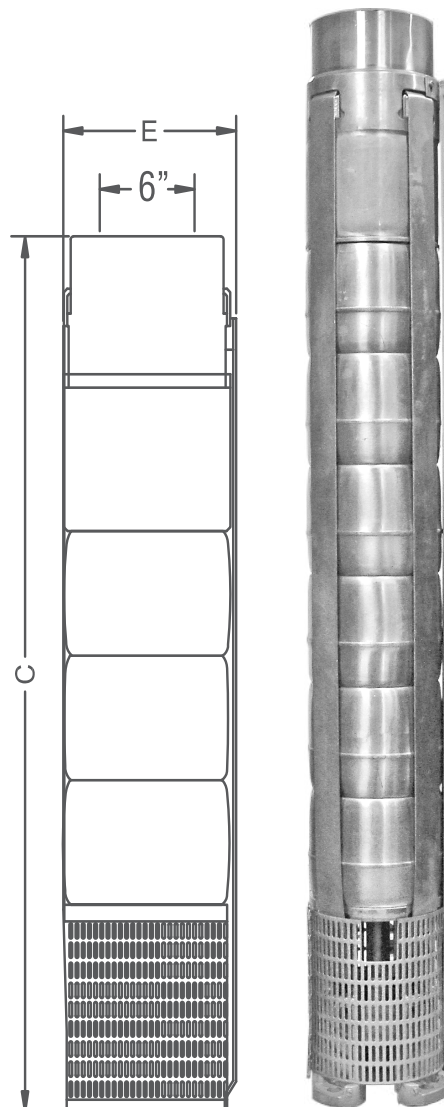


Mixed Flow SP-M215A

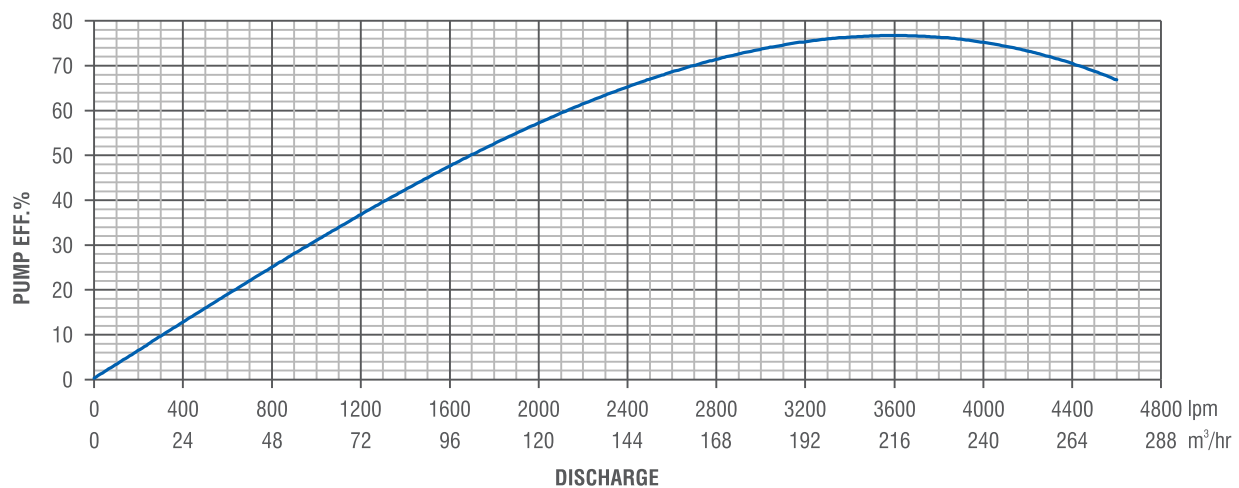
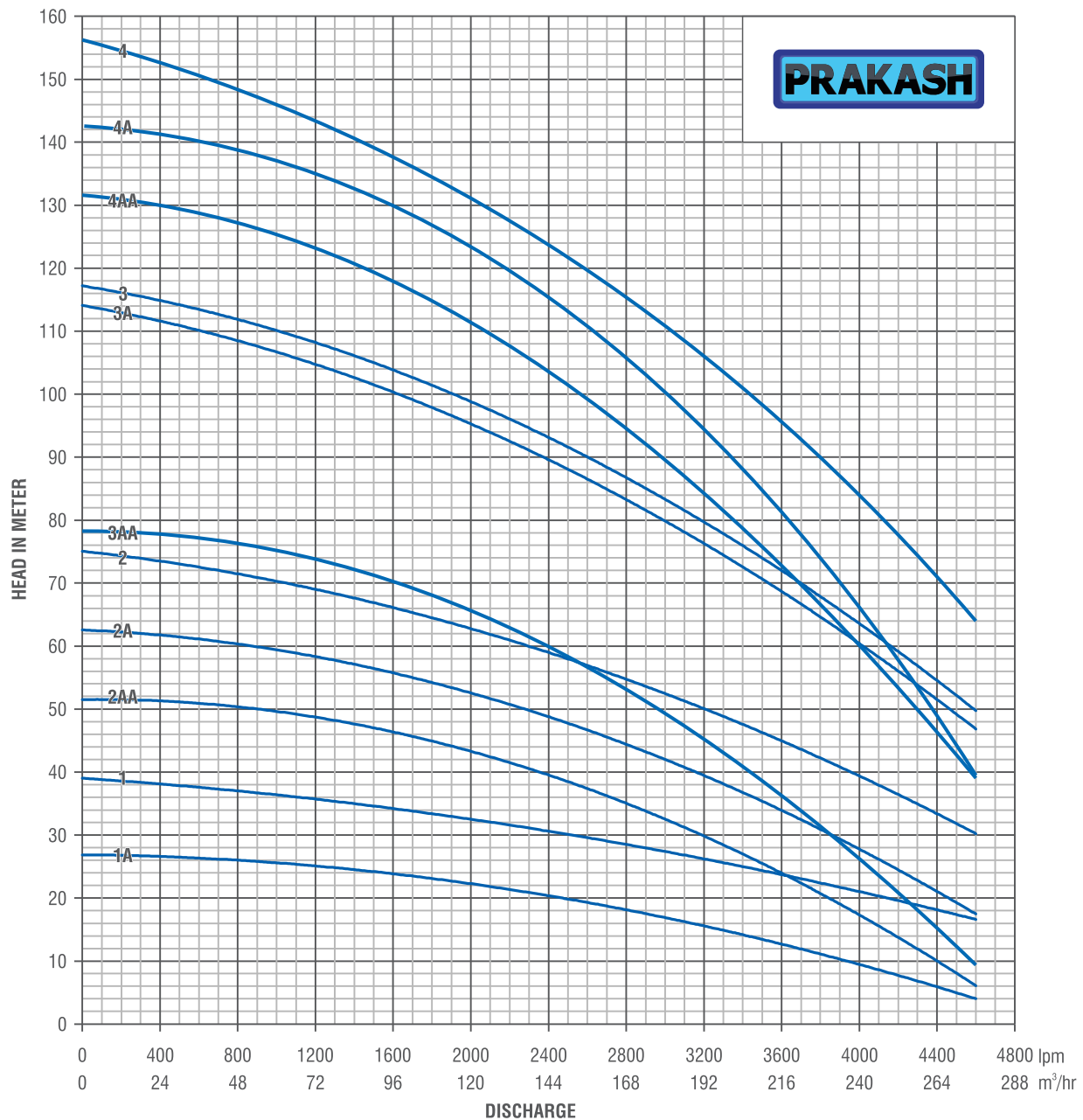
Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	US GPM	0	396	634	793	951	1057	1215
								M ³ /H	0	90	144	180	216	240	276
								LPM	0	1500	2400	3000	3600	4000	4600
SP-M215A-1A	15	20.0	790	241	19	6"	Head in meters	27	24	20	17	13	10	10	3.5
SP-M215A-1	18.5	25.0	790	241	19	6"		39	35	30	27	24	24	22	16
SP-M215A-2AA	26	35.0	966	241	25	6"		52	46	39	33	25	25	18	5
SP-M215A-2A	30	40.0	966	241	33	8"		63	56	47	43	35	35	29	16
SP-M215A-2	45	60.0	966	241	33	8"		75	68	57	52	46	46	41	29
SP-M215A-3AA	55	75.0	1142	241	40	8"		79	70	59	50	40	40	29	9
SP-M215A-3A	55	75.0	1142	241	40	8"		114	103	87	79	70	70	63	45
SP-M215A-3	63	85.0	1142	241	40	8"		117	107	90	82.5	73.5	73.5	66	48
SP-M215A-4AA	75	100.0	1318	241	46	8"		132	119	101	90	76	76	64	39
SP-M215A-4A	75	100.0	1318	241	46	8"		144	130	110	100	87	87	76	39
SP-M215A-4	75	100.0	1318	241	46	8"		156	142	120	110	98	98	88	64

Standard Pump Outlet - 6" BSP



HYDRAULIC PERFORMANCE CURVE SP-M215A, 50Hz, 2900rpm



PRAKASH

Office in India

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