

# PRAKASH

Quality, Reliability, Life

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



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# 4" 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

- Minimum internal diameter of well: 4" Ø100mm.
- Power : 0.37 kw to 11 kw
- Capacity : up to 11.4m<sup>3</sup>/hr
- Head : up to 485m

## Pumped liquids

- Clean, non Corrosive and non-abrasive liquids

## Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50g/m<sup>3</sup>
- 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.

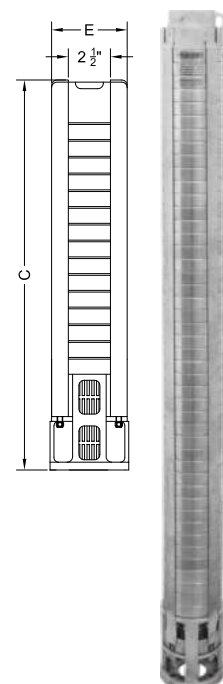
## Models

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

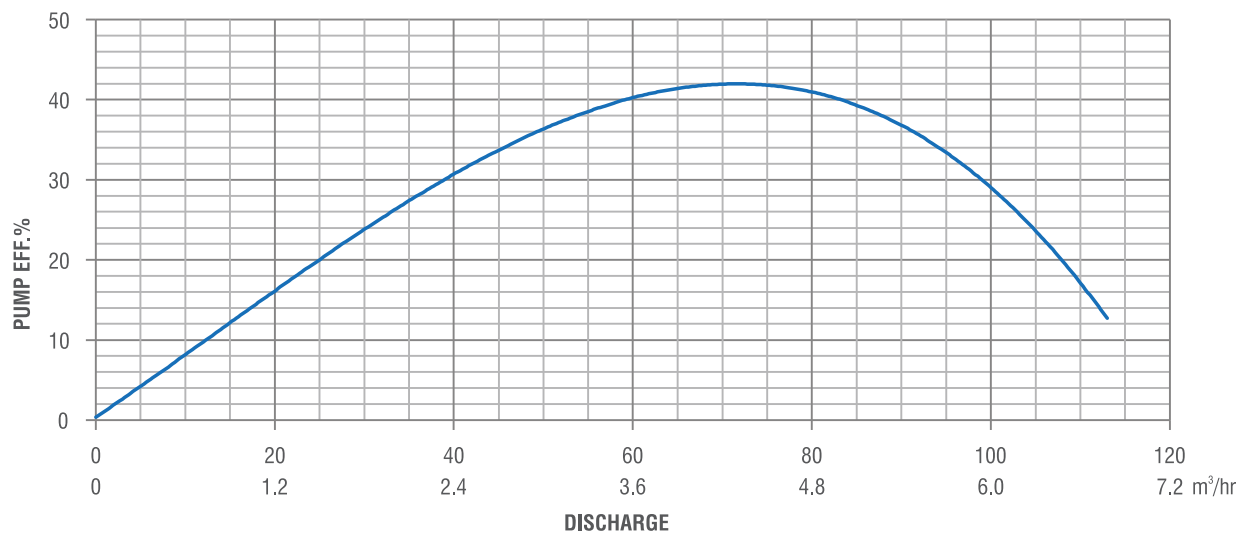
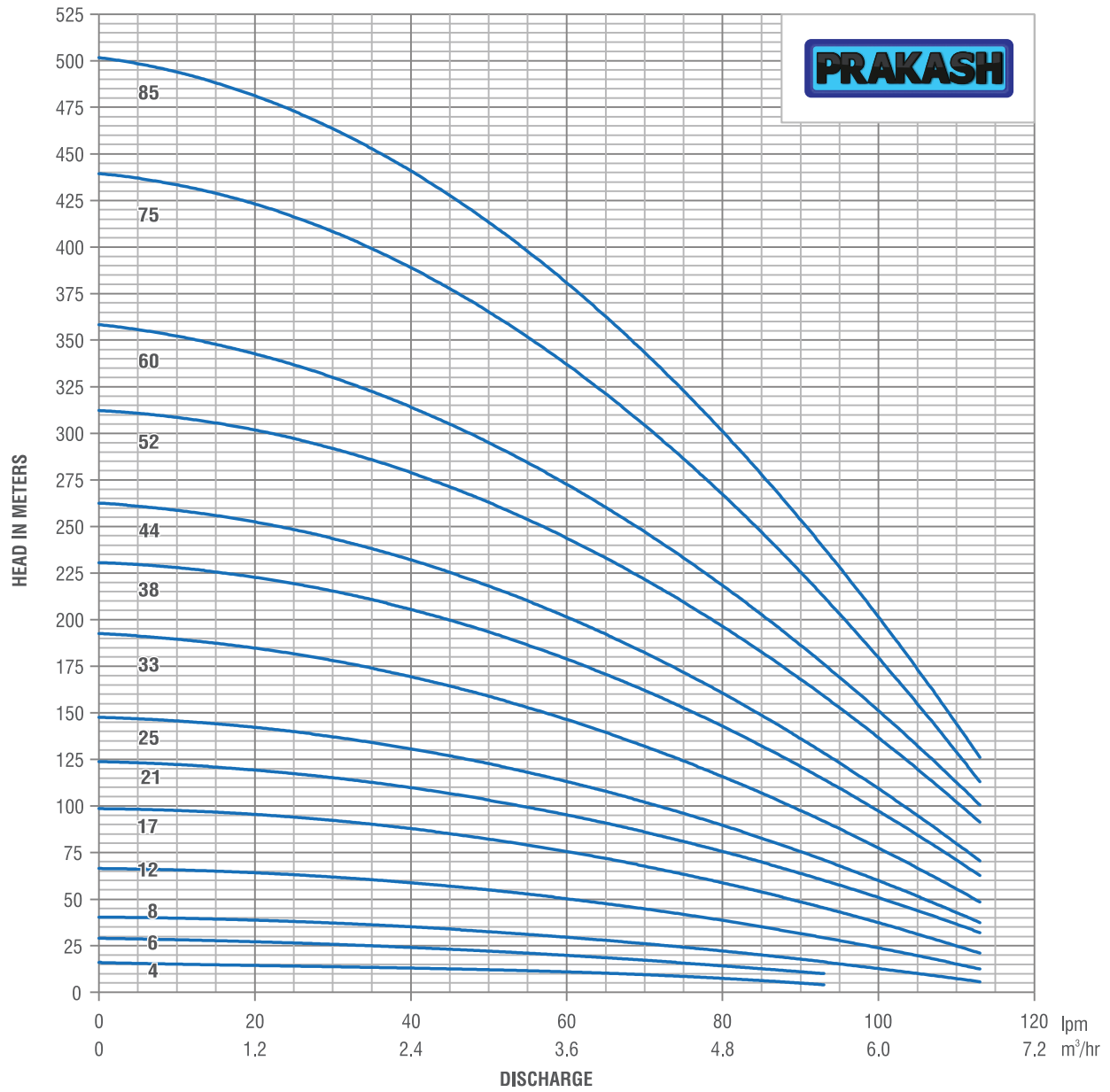
## Radial flow SP-R5A

## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	US GPM	0	3	11	18	25	30
	KW	HP					M <sup>3</sup> /H	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	368	101	3.5	Head in Meters	16	15	13	10	4	-	-
SP-R5A-6	0.55	0.75	410	101	4.0		29	28	24	18	10	-	-
SP-R5A-8	0.75	1.0	452	101	5.0		41	39	34	28	17	5	-
SP-R5A-12	1.1	1.5	536	101	6.0		67	65	58	47	30	12	-
SP-R5A-17	1.5	2.0	641	101	7.5		99	97	87	70	47	20	-
SP-R5A-21	2.2	3.0	725	101	9.0		125	121	107	90	63	30	-
SP-R5A-25	2.2	3.0	809	101	10.0		150	143	127	108	74	35	-
SP-R5A-33	3.0	4.0	977	101	12.5		197	184	165	140	96	45	-
SP-R5A-38	4.0	5.5	1082	101	14.0		236	222	199	172	120	58	-
SP-R5A-44	4.0	5.5	1208	101	16.0		267	254	225	193	134	66	-
SP-R5A-52	5.5	7.5	1376	101	19.0		319	301	271	235	165	86	-
SP-R5A-60	5.5	7.5	1544	101	21.0		363	347	305	262	181	96	-
SP-R5A-75	7.5	10.0	1859	101	26.0		448	424	377	323	222	105	-
SP-R5A-85	7.5	10.0	2069	101	29.0		510	485	427	365	248	118	-



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



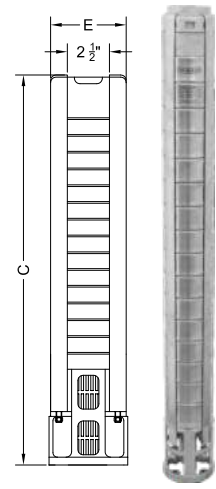
# 4" Submersible Pump Stainless steel



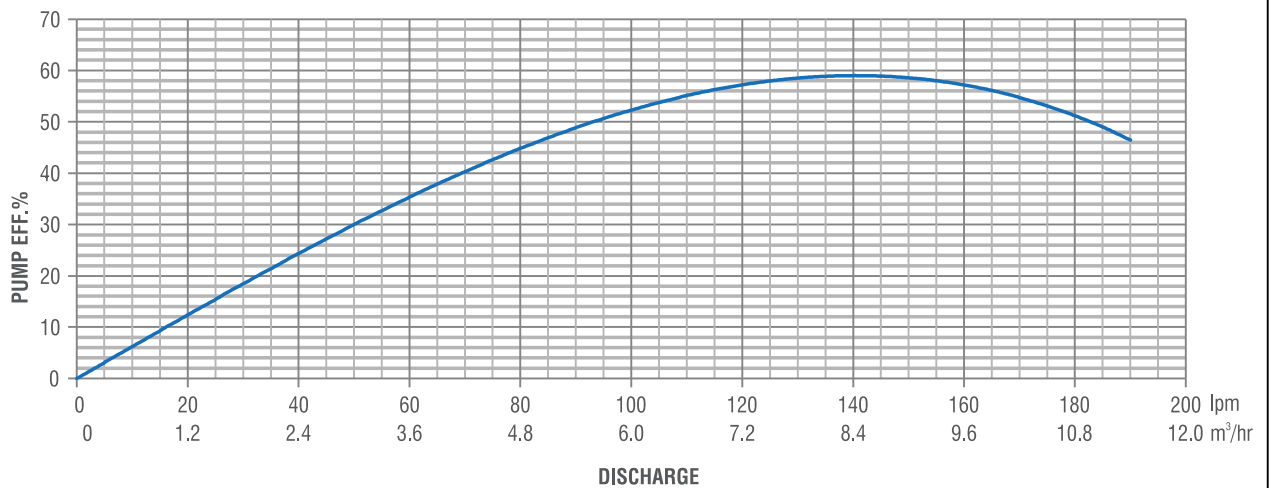
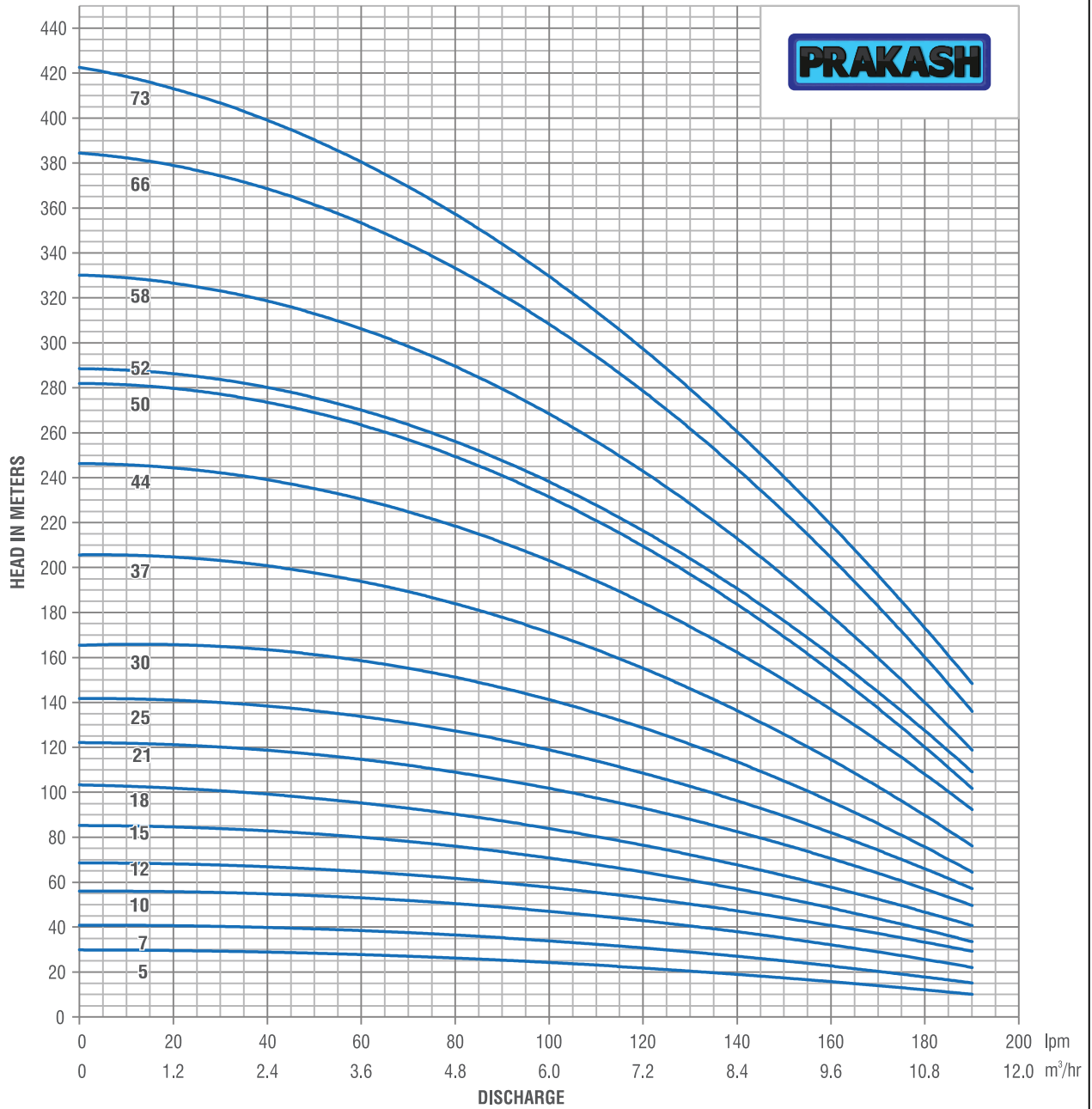
## Radial flow SP-M8A

## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	US GPM	0	13	22	28	35	50
	KW	HP					M <sup>3</sup> /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	549	101	7	Head in Meters	30	28	26	24	20	10	
SP-M8A-7	1.1	1.5	633	101	8		41	39	36	33	29	15	
SP-M8A-10	1.5	2.0	759	101	10		56	54	50	46	40	22	
SP-M8A-12	2.2	3.0	843	101	11		69	65	61	57	50	29	
SP-M8A-15	2.2	3.0	969	101	12		86	80	75	70	61	33	
SP-M8A-18	3	4.0	1095	101	14		104	96	89	82	73	40	
SP-M8A-21	4	5.5	1221	101	15		123	115	108	100	88	49	
SP-M8A-25	4	5.5	1389	101	17		143	134	125	117	104	56	
SP-M8A-30	5.5	7.5	1599	101	20		166	160	150	138	121	64	
SP-M8A-37	5.5	7.5	1893	101	24		207	195	182	167	147	75	
SP-M8A-44	7.5	10.0	2187	101	28		249	230	215	199	177	90	
SP-M8A-50	7.5	10.0	2439	101	31		284	265	246	227	198	100	
SP-M8A-52	9.3	13.0	2523	101	32		291	271	252	234	206	107	
SP-M8A-58	9.3	13.0	2775	142	34		332	310	285	262	230	117	
SP-M8A-66	11	15.0	3111	142	38		388	355	327	303	265	133	
SP-M8A-73	11	15.0	3237	142	40		428	380	350	325	285	144	



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



# 6" 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

- Minimum internal diameter of well: 6" Ø150mm.
- Power : 1.1 kw to 55 kw
- Capacity : up to 78m<sup>3</sup>/hr
- Head : up to 559m

## Pumped liquids

- Clean, non Corrosive and non-abrasive liquids

## Operating Conditions

- Max. ambient temperature ( Liquid) 45°C
- Sand Content: Max 50g/m<sup>3</sup>
- 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.

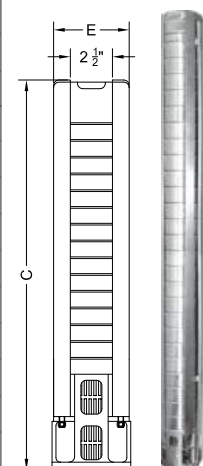
## Models

- Radial flow SP-R17A, SP-R18A.
- Mixed flow SP-M30A, SP-M46A, SP-M60A

## Radial flow SP-R17A

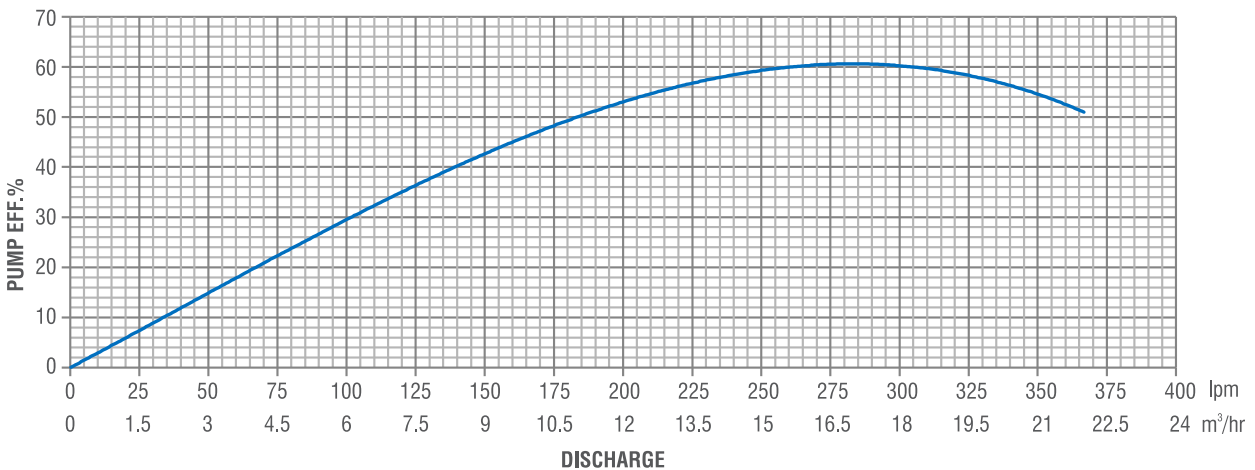
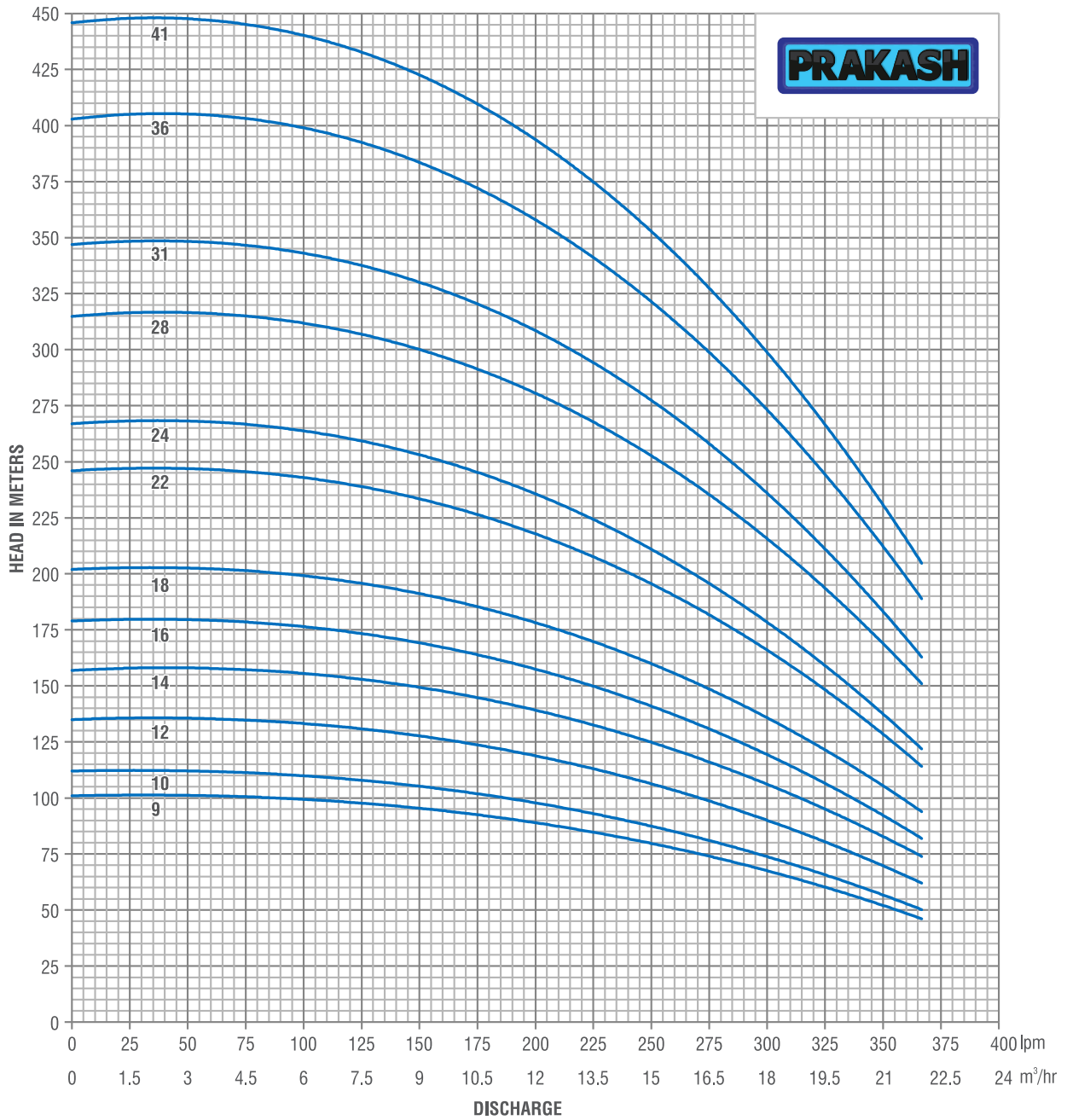
## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Type	Power		C	E	Pump Weight (Kg)	Q	Head in Meters												
		KW	HP					US GPM	0	26	35	44	53	62	70	79	88	97		
								M <sup>3</sup> /H	0	6	8	10	12	14	16	18	20	22		
								LPM	0	100	133	167	200	233	267	300	333	367		
SP-R17A-9	SM150	5.5	7.5	819	143	17	Head in Meters	101	99	97	94	89	83	76	67	58	46			
SP-R17A-10		5.5	7.5	880	143	18		112	110	107	103	98	91	83	74	63	50			
SP-R17A-12		7.5	10	1000	143	21		135	133	130	125	119	111	101	90	77	62			
SP-R17A-14		9.2	12.5	1121	143	23		157	155	152	147	139	130	119	106	91	74			
SP-R17A-16		9.2	12.5	1242	143	26		179	176	172	166	158	147	134	119	102	82			
SP-R17A-18		11	15	1363	143	28		202	199	194	188	178	167	152	136	116	94			
SP-R17A-22		13	17.5	1605	143	33		246	243	237	229	218	204	186	166	142	114			
SP-R17A-24		13	17.5	1726	143	36		267	263	258	248	236	220	201	178	152	122			
SP-R17A-28		18.5	25	1968	143	41		315	311	305	295	281	263	241	215	186	151			
SP-R17A-31		18.5	25	2150	143	44		347	342	336	324	309	289	264	236	202	163			
SP-R17A-36		22	30	2452	143	50		403	398	390	377	358	335	306	273	234	189			
SP-R17A-41		22	30	2735	143	56		446	439	430	415	394	368	336	298	255	205			



## Submersible Motor Type SM150, Pump Outlet 2 1/2"

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



# 6" Submersible Pump Stainless steel



## Mixed flow SPR-18A

## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

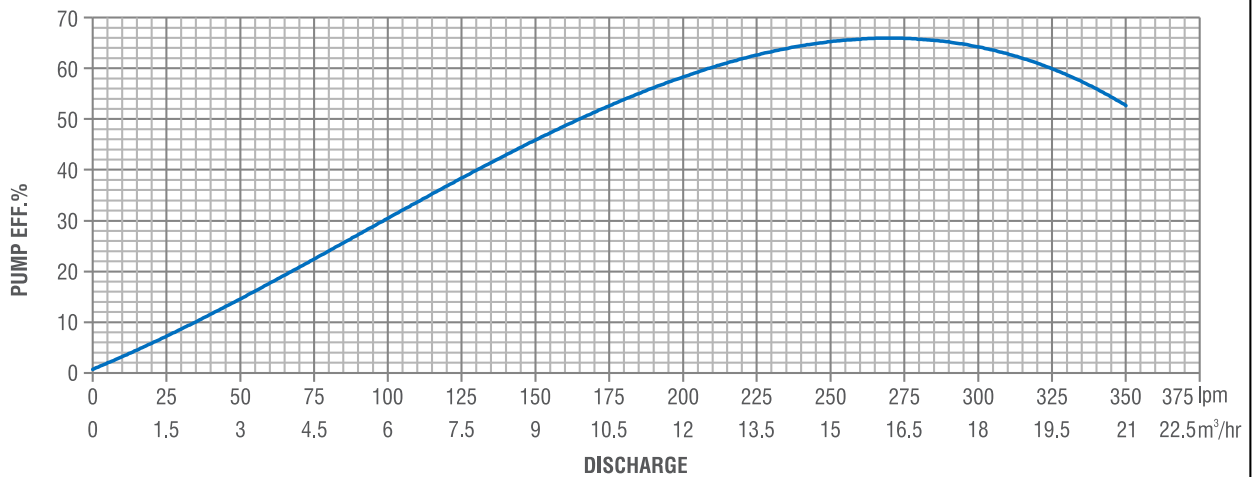
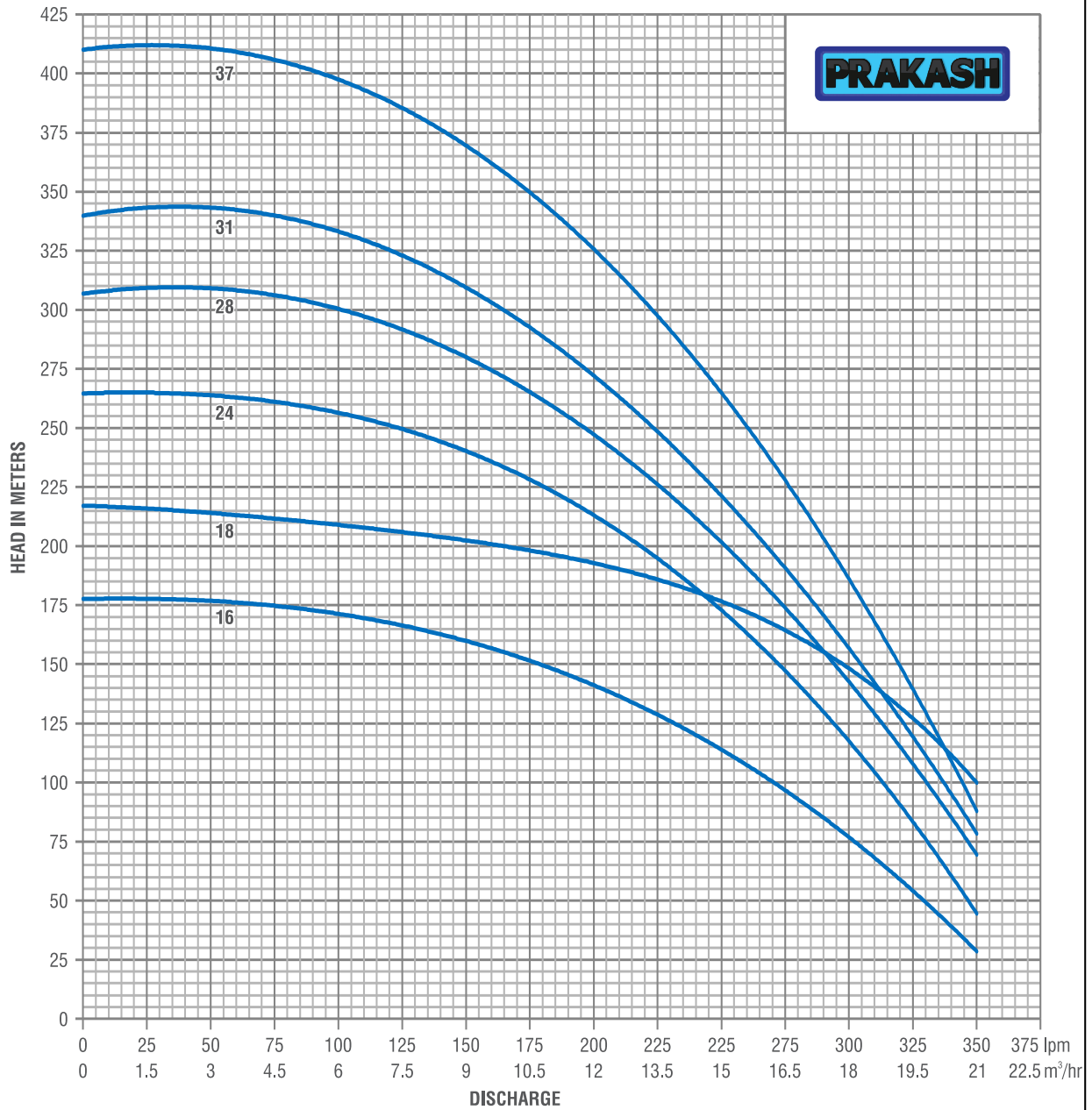
Model	Type	Power		Q	US GPM	0	13	26	40	53	66	79	92
		KW	HP		M <sup>3</sup> /H	0	3	6	9	12	15	18	21
					LPM	0	50	100	150	200	250	300	350
		Head in Meters				179	175	170	160	145	115	71	31
SP-R18A-16	SM150	7.5	10.0	Head in Meters	217	214	210	200	195	176	148	100	
SP-R18A-18		11	15.0		267	260	255	241	219	173	110	48	
SP-R18A-24		11	15.0		310	304	298	281	255	204	130	75	
SP-R18A-28		15	20.0		343	339	329	311	280	226	141	85	
SP-R18A-31		15	20.0		414	405	393	372	335	268	170	95	
SP-R18A-37		18.5	25.0										

Submersible Motor Type SM150, Pump Outlet 2 1/2"





HYDRAULIC PERFORMANCE CURVE SP-R18A 50Hz, 2900 rpm



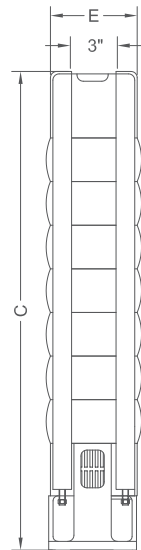
# 6" Submersible Pump Stainless steel



## Mixed flow SP-M30A

## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	Head In Meters								
	KW	HP					US GPM	0	53	70	88	106	123	141	172
							M <sup>3</sup> /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	370	143	8		11	11	10	10	9	8	7	4	
SP-M30A-2	2.2	3.0	466	143	10		23	21	20	19	18	16	14	9	
SP-M30A-3	3	4.0	562	143	12		34	32	30	29	26	24	21	13	
SP-M30A-4	4	5.5	658	143	14		46	42	40	38	35	32	28	17	
SP-M30A-5	5.5	7.5	754	143	16		58	54	51	48	45	41	35	22	
SP-M30A-6	5.5	7.5	850	143	18		69	64	60	57	53	48	41	25	
SP-M30A-7	7.5	10.0	946	143	20		80	75	71	67	63	57	49	31	
SP-M30A-8	7.5	10.0	1042	143	22		91	85	80	76	71	64	55	34	
SP-M30A-9	9.3	12.5	1138	143	24		103	96	91	86	80	73	63	39	
SP-M30A-10	9.3	12.5	1234	143	25		114	106	100	95	88	80	69	43	
SP-M30A-11	9.3	12.5	1330	143	27		125	116	110	103	96	87	75	46	
SP-M30A-12	11	15.0	1426	143	29		137	127	121	114	106	97	83	51	
SP-M30A-13	11	15.0	1522	143	31		148	137	130	122	114	103	89	55	
SP-M30A-14	13	17.5	1618	143	33		160	149	141	133	125	113	98	61	
SP-M30A-15	13	17.5	1714	143	35		171	159	150	142	132	120	104	64	
SP-M30A-16	15	20.0	1810	143	37		183	171	162	153	143	130	112	70	
SP-M30A-17	15	20.0	1906	143	39		194	180	171	161	151	137	118	74	
SP-M30A-18	18.5	25.0	2002	143	41		207	193	183	173	163	148	129	82	
SP-M30A-19	18.5	25.0	2098	143	42		218	203	193	182	171	156	135	85	
SP-M30A-20	18.5	25.0	2194	143	44		229	213	202	191	179	163	141	89	
SP-M30A-21	18.5	25.0	2290	143	46		240	223	212	200	189	170	147	92	
SP-M30A-22	22	30.0	2386	143	48		252	235	223	211	198	180	156	99	
SP-M30A-23	22	30.0	2482	143	50		263	245	233	220	206	188	162	102	
SP-M30A-24	22	30.0	2578	143	52		274	255	242	228	214	195	168	105	
SP-M30A-25	22	30.0	2674	143	54		285	265	251	237	221	201	174	108	
SP-M30A-26	22	30.0	2770	143	56		296	275	260	245	229	208	179	111	
SP-M30A-27	26	35.0	2866	143	58		308	286	270	257	238	216	186	116	
SP-M30A-28	26	35.0	2962	143	60		319	297	280	266	246	224	193	120	
SP-M30A-29	26	35.0	3058	143	62		331	307	290	276	255	232	200	125	
SP-M30A-30	26	35.0	3154	143	64		342	318	300	285	264	240	207	129	
SP-M30A-31	26	35.0	3250	143	66		353	329	310	295	273	248	214	133	
SP-M30A-32	30	40.0	3346	143	68		365	339	320	304	282	256	221	138	
SP-M30A-33	30	40.0	3442	143	70		376	350	330	314	290	264	228	142	
SP-M30A-34	30	40.0	3538	143	72		388	360	340	323	299	272	235	146	
SP-M30A-35	30	40.0	3634	143	74		399	371	350	333	308	280	242	151	
SP-M30A-39	37	50.0	4018	143	82		445	413	390	371	343	312	269	168	
SP-M30A-43	37	50.0	4402	143	90		490	456	430	409	378	344	297	185	
SP-M30A-46	45	60.0	4690	143	96		524	488	460	437	405	368	317	198	
SP-M30A-49	45	60.0	4978	143	102		559	519	490	466	431	392	338	211	

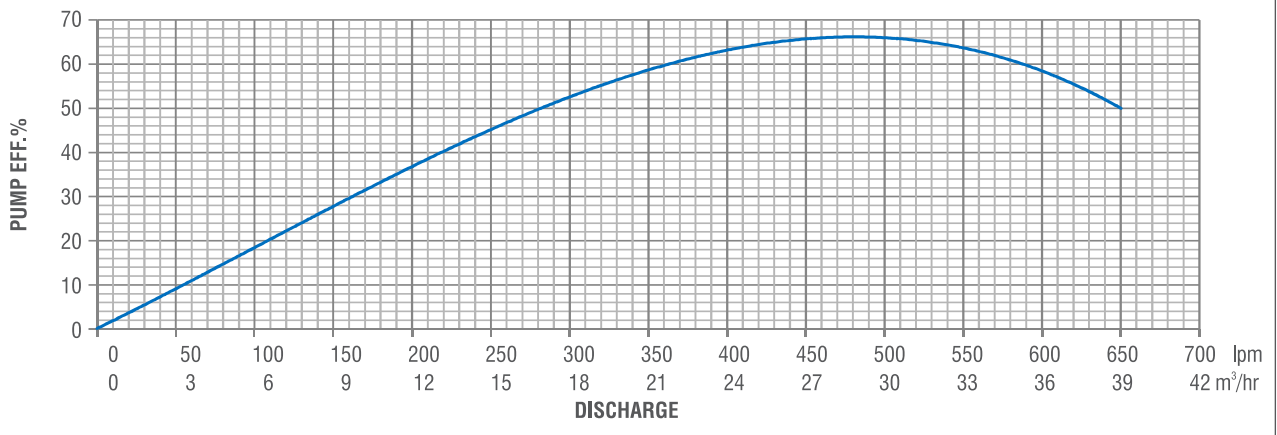
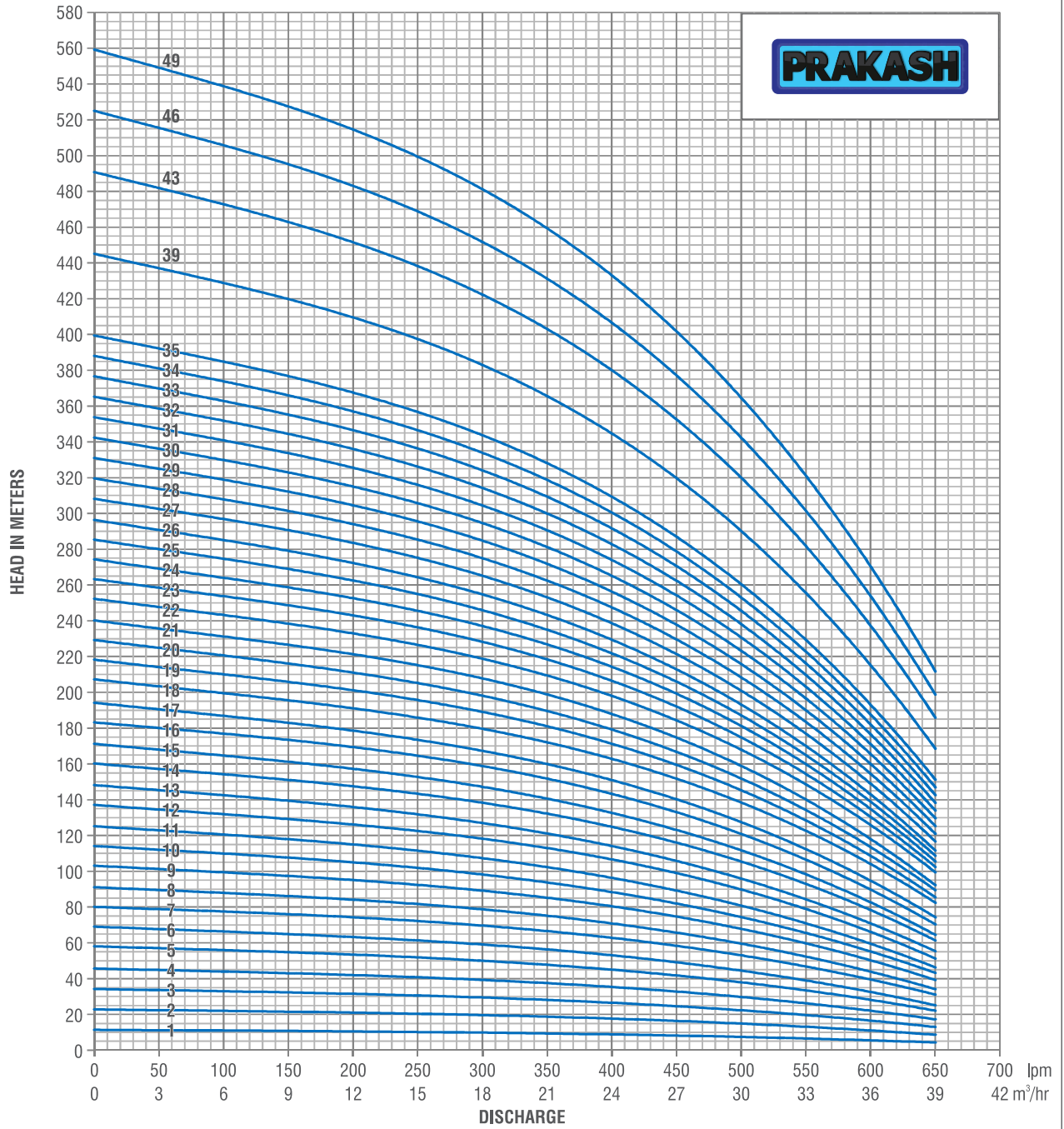


Submersible Motor Type SM150, Pump Outlet 3"

# 6" Submersible Pump Stainless steel



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



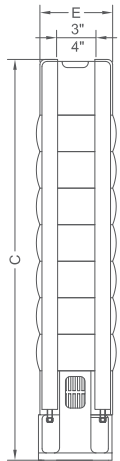
# 6" Submersible Pump Stainless steel



## Mixed flow SP-M46A

## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	Head In Meters															
	KW	HP					US GPM	0	66	88	110	132	154	176	198	220	242	264				
							M <sup>3</sup> /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	503	150	10	27	25	24	23	22	21	19	17	15	13	10						
SP-M46A-3	5.5	7.5	616	150	11	41	38	36	34	32	30	28	26	23	20	15						
SP-M46A-4	7.5	10.0	729	150	13	54	50	48	46	44	41	38	35	31	26	20						
SP-M46A-5	7.5	10.0	842	150	15	67	62	60	57	54	51	47	43	37	31	24						
SP-M46A-6	9.3	12.5	955	150	18	81	75	72	68	65	61	57	51	45	38	30						
SP-M46A-7	11	15.0	1068	150	20	94	87	84	80	76	72	66	60	53	45	35						
SP-M46A-8	13	17.5	1181	150	22	108	100	96	92	88	83	77	70	62	52	41						
SP-M46A-9	15	20.0	1294	150	24	122	113	109	104	99	93	87	79	70	59	47						
SP-M46A-10	15	20.0	1407	150	27	135	125	120	115	109	103	95	87	77	65	51						
SP-M46A-11	18.5	25.0	1520	150	29	149	138	133	128	122	115	107	97	86	73	59						
SP-M46A-12	18.5	25.0	1633	150	31	162	150	145	138	132	124	115	105	93	79	63						
SP-M46A-13	22	30.0	1746	150	34	176	163	157	151	143	135	126	115	102	86	69						
SP-M46A-14	22	30.0	1859	150	36	189	175	169	161	153	144	134	122	108	92	73						
SP-M46A-15	22	30.0	1972	150	38	202	187	180	172	163	154	143	130	115	97	77						
SP-M46A-16	26	35.0	2085	150	41	217	201	193	185	176	166	155	141	125	106	85						
SP-M46A-17	26	35.0	2198	150	43	229	213	205	196	186	175	163	149	132	112	89						
SP-M46A-18	30	40.0	2311	150	45	244	227	219	209	199	188	175	160	142	121	97						
SP-M46A-19	30	40.0	2424	150	47	257	239	230	220	209	197	183	167	148	126	101						
SP-M46A-20	30	40.0	2537	150	50	270	251	241	230	219	206	192	175	155	132	105						
SP-M46A-21	37	50.0	2650	150	52	285	265	255	245	234	221	206	188	167	143	115						
SP-M46A-22	37	50.0	2763	150	54	298	277	267	256	244	230	215	196	174	148	119						
SP-M46A-23	37	50.0	2876	150	57	311	289	278	267	254	240	223	204	181	154	124						
SP-M46A-24	37	50.0	2989	150	59	324	300	289	277	264	249	232	212	188	160	128						
SP-M46A-25	45	60.0	3102	150	61	338	313	300	288	273	258	238	218	193	163	128						
SP-M46A-26	45	60.0	3215	150	63	351	325	312	299	283	268	247	226	200	169	133						
SP-M46A-27	45	60.0	3328	150	65	365	338	324	311	294	278	257	235	208	176	138						
SP-M46A-28	45	60.0	3441	150	67	378	350	336	322	305	288	266	244	216	182	143						
SP-M46A-29	45	60.0	3554	150	69	392	363	348	334	316	299	276	252	223	189	148						
SP-M46A-30	45	60.0	3667	150	71	405	375	360	345	327	309	285	261	231	195	153						
SP-M46A-31	55	75.0	3780	150	73	419	388	372	357	338	319	295	270	239	202	158						
SP-M46A-32	55	75.0	3893	150	75	432	400	384	368	349	330	304	278	246	208	163						
SP-M46A-33	55	75.0	4006	150	77	446	413	396	380	360	340	314	287	254	215	168						

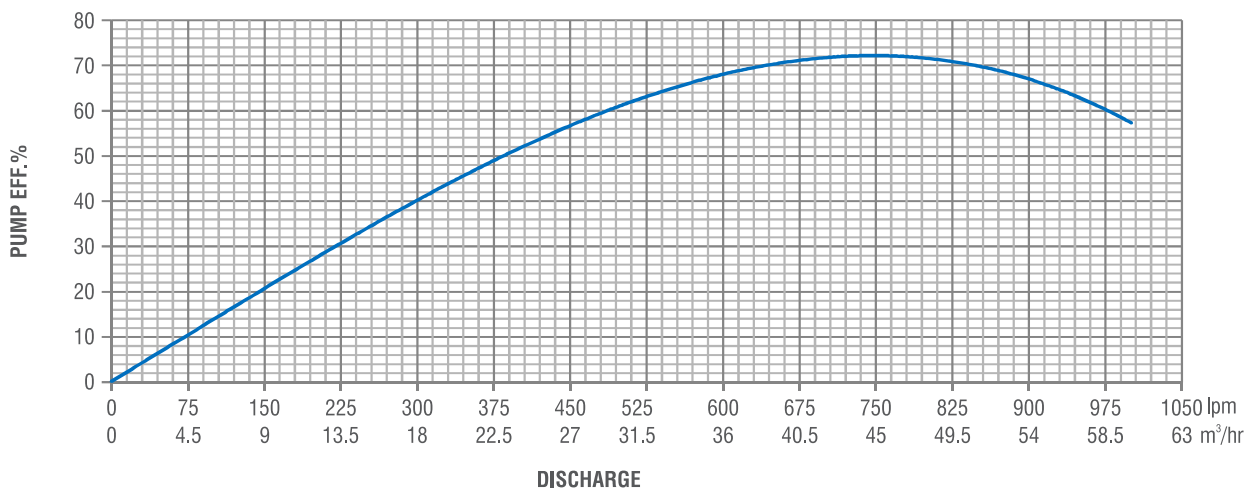
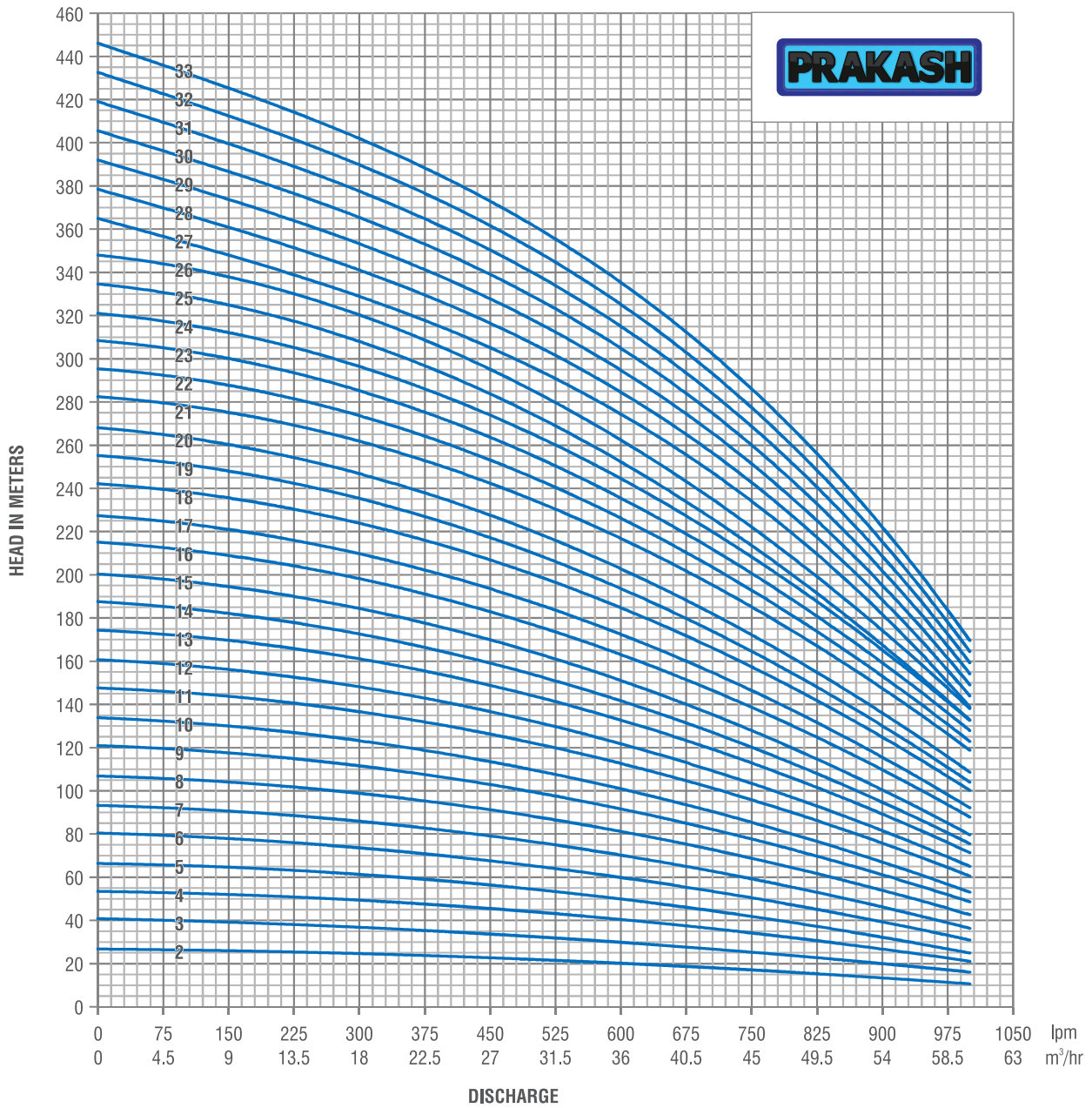


Submersible Motor Type SM150, Pump Outlet 3" and 4"

# 6" Submersible Pump Stainless steel



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



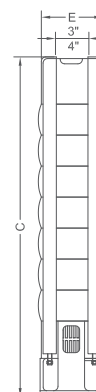
# 6" Submersible Pump Stainless steel



## Mixed flow SP-M60A

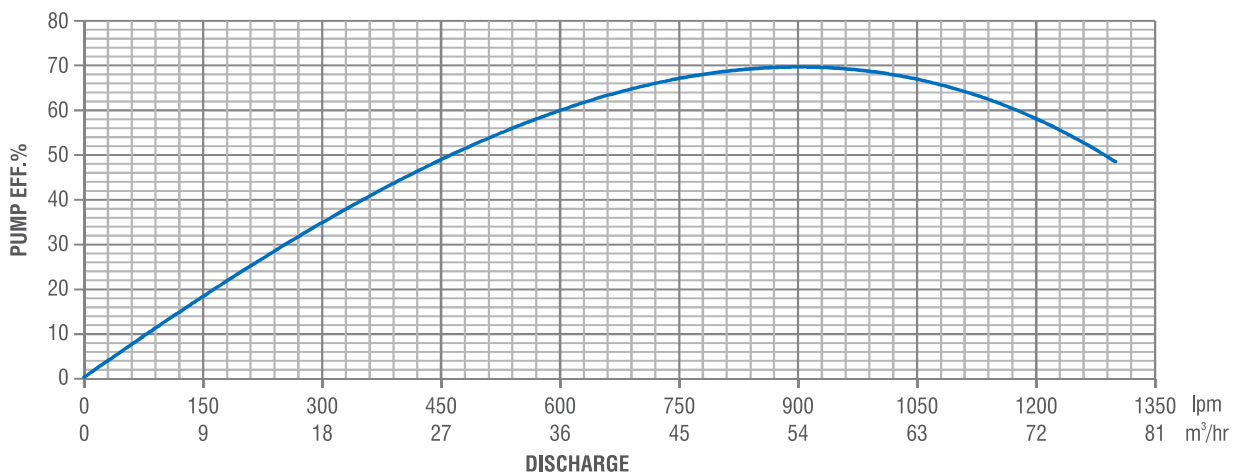
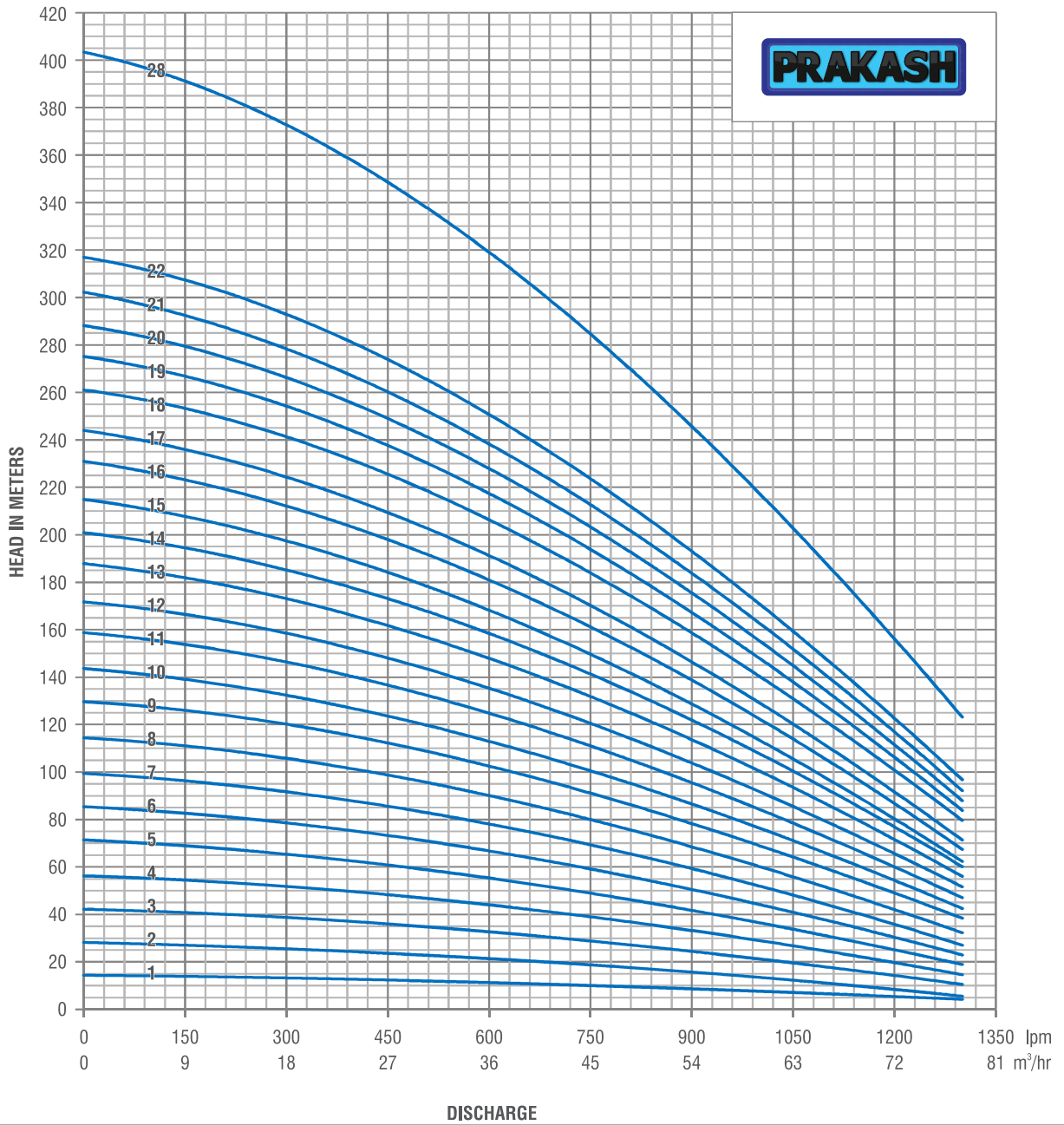
## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	US GPM	0	88	132	176	220	264	308	343
	KW	HP					M <sup>3</sup> /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	390	150	9	Head In Meters	14	13	12	11	9	8	6	4	
SP-M60A-2	4	5.5	503	150	9		28	26	23	19	17	14	10	5	
SP-M60A-3	5.5	7.5	616	150	11		42	39	35	30	26	22	16	10	
SP-M60A-4	7.5	10.0	729	150	13		56	52	47	41	35	30	22	14	
SP-M60A-5	9.3	12.5	842	150	15		71	66	59	51	44	38	28	18	
SP-M60A-6	11	15.0	955	150	17		85	79	71	62	54	45	34	22	
SP-M60A-7	13	17.5	1068	150	20		99	92	83	73	63	53	40	26	
SP-M60A-8	15	20.0	1181	150	22		114	106	96	84	73	61	47	31	
SP-M60A-10	18.5	25.0	1407	150	26		143	133	120	105	92	78	60	41	
SP-M60A-11	22	30.0	1520	150	29		158	147	133	116	101	86	67	45	
SP-M60A-12	22	30.0	1633	150	31		171	159	144	126	110	94	72	50	
SP-M60A-13	26	35.0	1746	150	33		187	174	157	138	120	103	79	54	
SP-M60A-14	26	35.0	1859	150	35		200	186	168	148	129	110	85	58	
SP-M60A-15	26	35.0	1972	150	38		214	198	179	157	136	116	89	60	
SP-M60A-16	30	40.0	2085	150	40		230	213	192	169	147	125	96	65	
SP-M60A-17	30	40.0	2198	150	42		243	225	203	179	155	132	101	69	
SP-M60A-18	37	50.0	2339	150	44		260	242	219	193	168	143	111	77	
SP-M60A-19	37	50.0	2452	150	47		274	255	231	203	177	151	117	81	
SP-M60A-20	37	50.0	2565	150	49		287	267	242	213	186	158	123	85	
SP-M60A-21	37	50.0	2678	150	51		301	279	253	223	194	166	129	89	
SP-M60A-22	45	60.0	3667	150	61		316	294	266	234	205	174	135	94	
SP-M60A-28	55	75.0	3780	150	73		402	374	339	298	260	221	172	119	



Submersible Motor Type SM150, Pump Outlet 3" & 4"

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

## 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

## Specifications

- Water temperature : up to 35°C
- Minimum internal diameter of well: 8" Ø200mm.
- Power : 5.5 to 93Kw
- Capacity : up to 122m<sup>3</sup> /h
- Head : up to 423m

## Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50g/m<sup>3</sup>
- Liquid PH value: 6.5-8



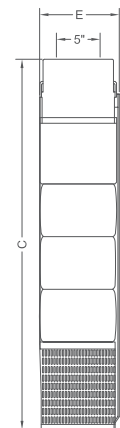
# 8" Submersible Pump Stainless Steel



## Mixed flow SP-M77A

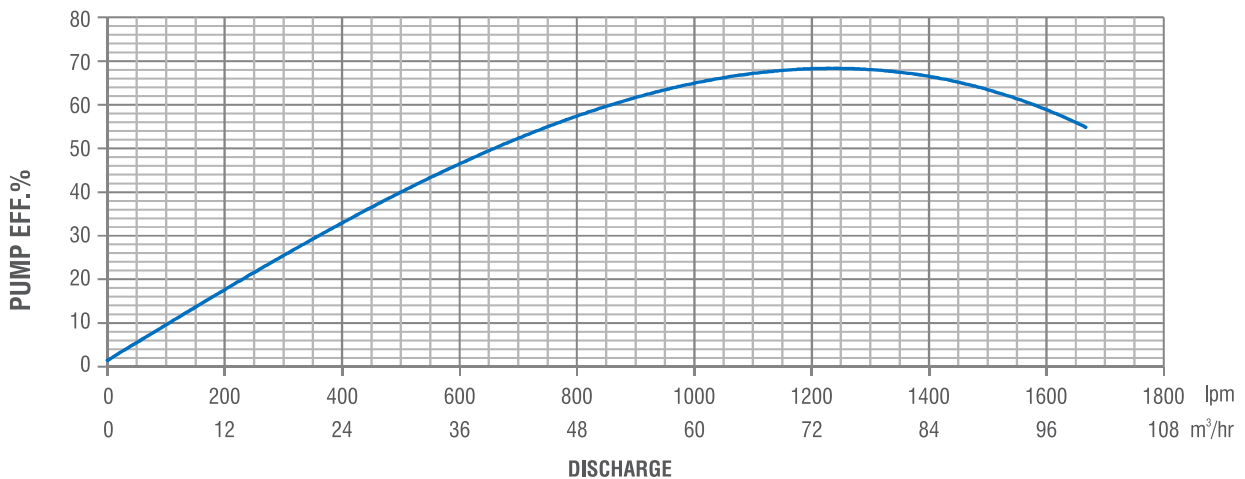
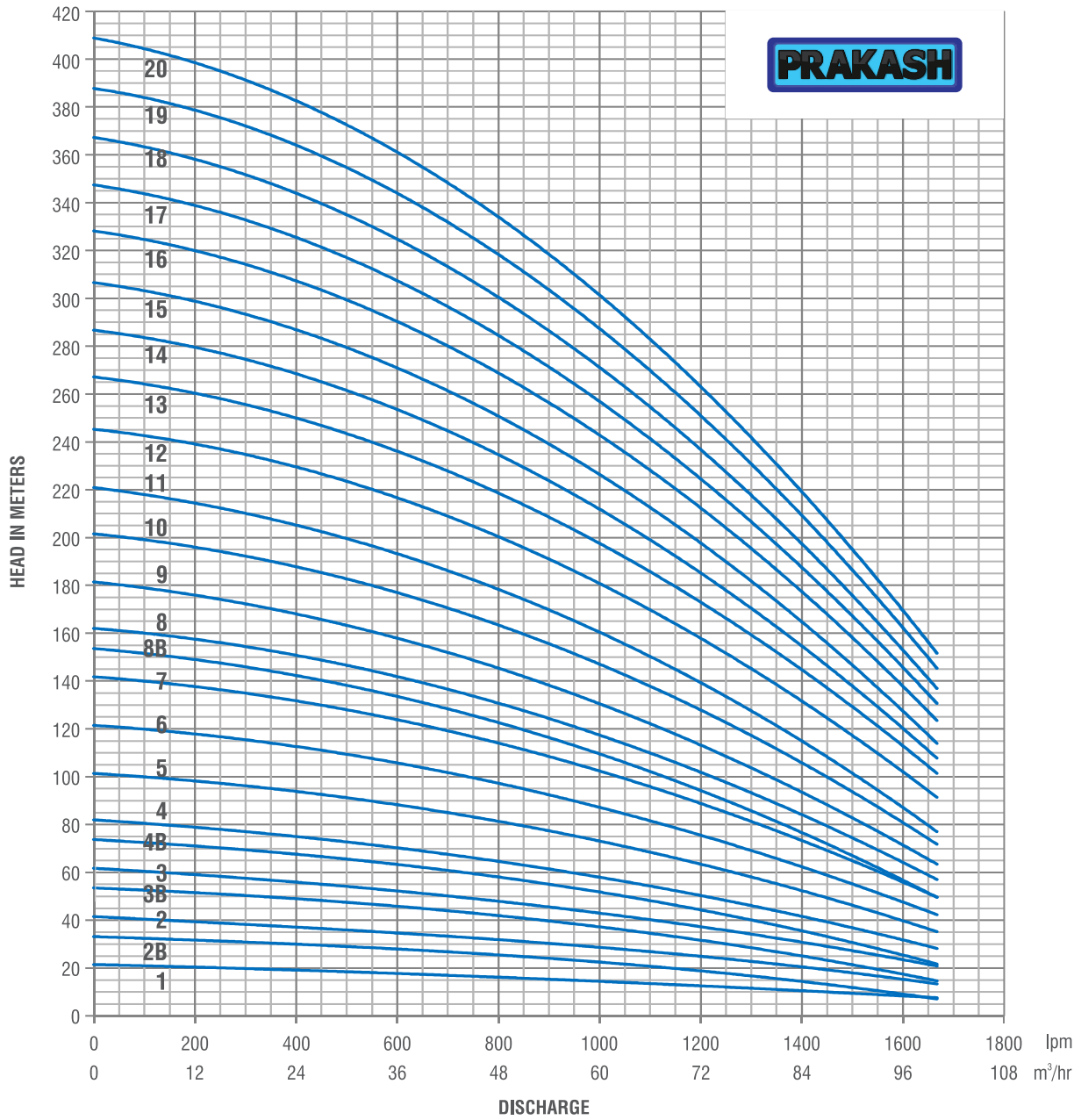
## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	Head In Meters													
	KW	HP					US GPM	0	44	88	132	176	220	264	308	352	396	440		
							M <sup>3</sup> /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	619	178	21		21	21	20	19	17	15	14	13	12	10	7			
SP-M77A-2B	5.5	7.5	747	178	24		33	32	31	29	27	25	22	20	16	12	7			
SP-M77A-2	7.5	10.0	747	178	24		41	40	39	36	33	31	28	26	23	18	13			
SP-M77A-3B	9.3	12.5	875	178	28		53	52	51	48	44	40	37	33	28	22	14			
SP-M77A-3	11	15.0	875	178	28		61	60	58	55	50	46	42	39	34	28	20			
SP-M77A-4B	13	17.5	1003	178	31		73	72	70	66	61	56	51	46	40	31	21			
SP-M77A-4	15	20.0	1003	178	31		81	80	78	73	68	62	57	52	46	38	27			
SP-M77A-5	18.5	25.0	1131	178	35		100	100	97	92	85	78	72	66	58	47	34			
SP-M77A-6	22	30.0	1259	178	38		120	120	116	110	102	94	86	78	69	56	41			
SP-M77A-7	26	35.0	1387	178	42		140	140	136	129	119	110	101	92	81	66	48			
SP-M77A-8B	26	35.0	1515	178	46		152	151	147	139	129	118	108	98	85	68	48			
SP-M77A-8	30	40.0	1515	178	46		160	160	156	147	137	126	116	105	93	76	55			
SP-M77A-9	30	40.0	1643	178	49		179	179	174	164	152	140	129	117	103	85	61			
SP-M77A-10	37	50.0	1785	178	53		199	199	194	184	171	157	145	132	117	96	69			
SP-M77A-11	37	50.0	1913	178	57		218	218	212	201	186	172	158	144	127	104	74			
SP-M77A-12	45	60.0	2041	200	60		242	243	237	225	209	193	178	163	145	120	88			
SP-M77A-13	55	75.0	2169	200	64		264	264	258	245	228	211	195	178	159	132	98			
SP-M77A-14	55	75.0	2297	200	68		283	284	277	263	245	226	209	191	170	141	104			
SP-M77A-15	55	75.0	2425	200	71		303	303	296	281	262	242	223	204	181	150	110			
SP-M77A-16	63	85.0	2553	200	75		324	325	317	301	281	259	239	219	195	162	119			
SP-M77A-17	63	85.0	2681	200	78		343	344	336	319	297	274	253	232	206	171	126			
SP-M77A-18	63	85.0	2809	200	82		363	363	355	337	314	290	267	244	217	180	132			
SP-M77A-19	75	100.0	2937	200	85		383	384	376	357	332	307	283	259	230	191	140			
SP-M77A-20	75	100.0	3065	200	89		404	404	395	375	349	322	297	271	241	200	146			



Submersible Motor Type SP-M77A-1 to SP-M77A-11 for SM150, SP-M77A-12 to SP-M77A-20 for SM200, Pump Outlet 5"

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



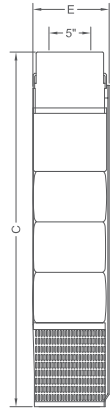
# 8" Submersible Pump Stainless Steel



## Mixed flow SP-M95A

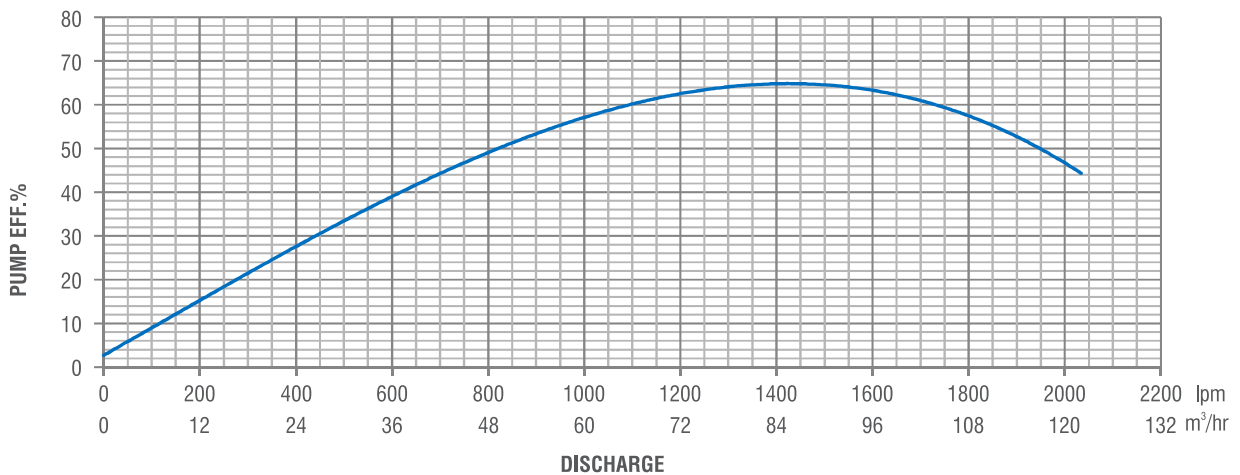
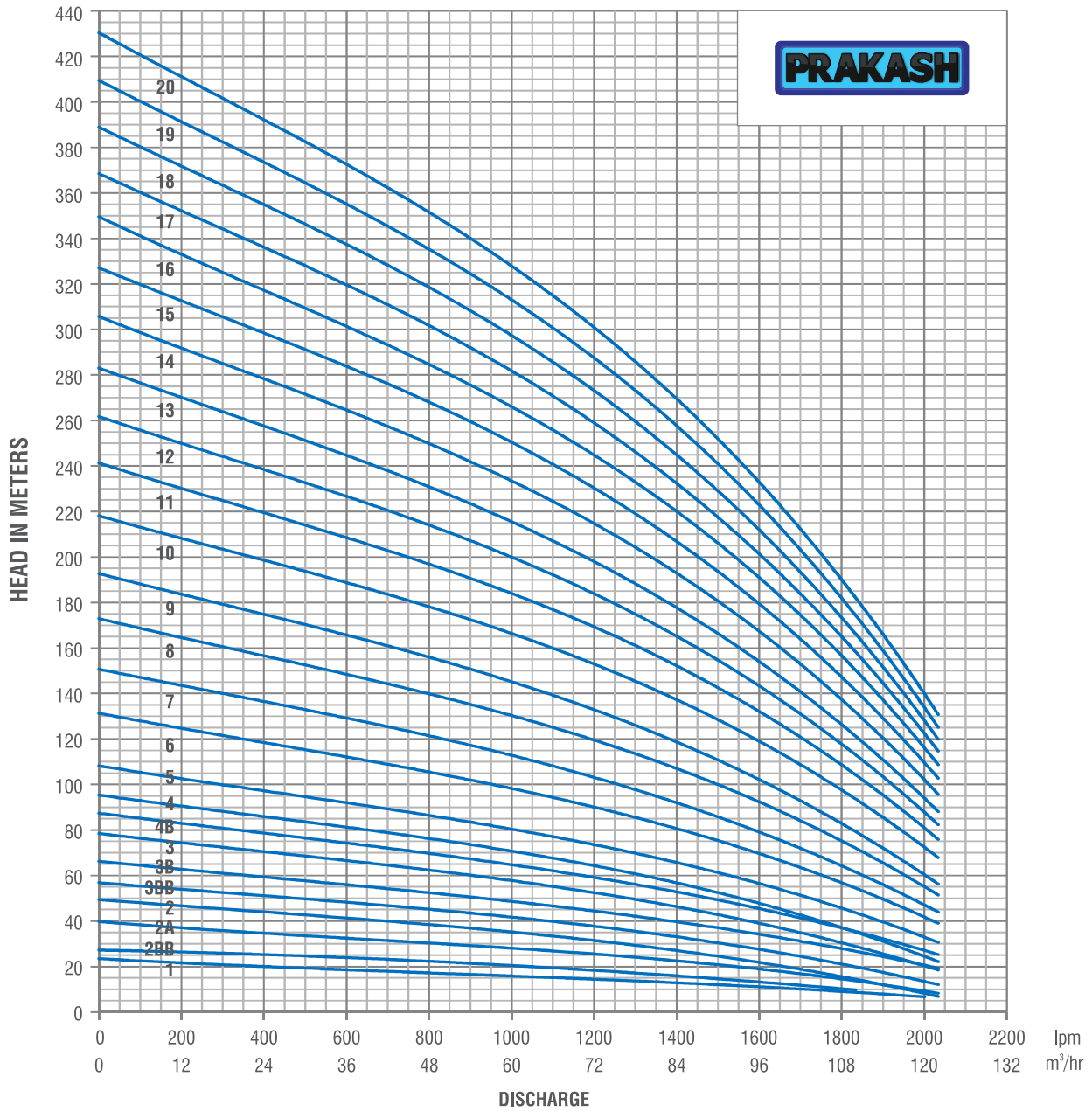
## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	Head In Meters															
	KW	HP					US GPM	0	132	176	220	264	308	352	396	440	484	528	537			
							M <sup>3</sup> /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	619	178	21	Head In Meters	23	20	18	17	15	14	13	13	11	9	6	0				
SP-M95A-2BB	5.5	7.5	747	178	24		27	24	23	22	21	19	17	14	12	10	0	0				
SP-M95A-2A	7.5	10.0	747	178	24		39	34	32	29	27	26	24	21	18	14	9	8				
SP-M95A-2	9.3	12.5	747	178	24		44	39	36	33	31	29	27	25	22	17	13	12				
SP-M95A-3BB	9.3	12.5	875	178	28		49	43	40	37	35	32	29	25	20	14	8	7				
SP-M95A-3B	11	15.0	875	178	28		56	50	47	44	41	38	35	31	26	20	13	12				
SP-M95A-3	13	17.5	875	178	28		65	58	55	51	47	44	42	38	33	27	20	19				
SP-M95A-4B	15	20.0	1003	178	31		77	70	65	60	56	53	49	44	37	29	20	18				
SP-M95A-4	18.5	25.0	1003	178	31		86	78	73	67	63	59	55	51	44	36	26	25				
SP-M95A-5AB	18.5	25.0	1131	178	35		94	85	79	74	69	65	60	54	45	35	24	22				
SP-M95A-5	22	30.0	1131	178	35		106	96	90	84	78	73	69	63	55	44	32	30				
SP-M95A-6	26	35.0	1259	178	38		129	117	110	102	96	90	84	77	68	55	41	38				
SP-M95A-7	30	40.0	1387	178	42		148	135	126	118	110	103	96	88	77	62	46	43				
SP-M95A-8	37	50.0	1529	178	46		170	155	145	136	127	119	112	102	90	73	54	50				
SP-M95A-9	37	50.0	1657	178	49		189	173	162	151	141	133	124	114	99	80	59	55				
SP-M95A-10	45	60.0	1785	196	53		214	197	185	173	162	152	143	132	116	95	71	66				
SP-M95A-11	55	75.0	1913	196	56		237	217	205	191	179	169	158	146	129	106	79	74				
SP-M95A-12	55	75.0	2041	196	60		257	236	222	208	195	183	172	158	140	115	86	80				
SP-M95A-13	55	75.0	2169	196	63		278	255	240	224	210	198	185	170	150	123	92	86				
SP-M95A-14	63	85.0	2297	196	67		300	276	259	243	227	214	201	185	163	134	100	93				
SP-M95A-15	75	100.0	2425	196	71	321	296	278	260	244	230	215	198	175	144	107	100					
SP-M95A-16	75	100.0	2553	196	74	344	314	296	277	259	244	229	211	186	152	114	106					
SP-M95A-17	75	100.0	2681	196	78	362	333	313	293	275	258	242	223	196	160	120	112					
SP-M95A-18	93	125.0	2809	196	81	382	352	331	309	290	272	255	235	206	169	125	117					
SP-M95A-19	93	125.0	2937	196	85	402	370	348	325	305	287	269	247	216	177	131	122					
SP-M95A-20	93	125.0	3065	196	88	423	388	365	341	320	301	281	258	226	184	137	128					



Submersible Motor Type SP-M95A-1 to SP-M95A-9 for SM150, SPM95A-10 to SP-M95A-20 for SM200, Pump Outlet 5"

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

- Water temperature : up to 35°C
- Minimum internal diameter of well: 10" Ø250mm.
- Power : 7.5 kW to 185 kW
- Capacity : up to 276m<sup>3</sup>/h
- Head : up to 485m

## Operating Conditions

- Max. ambient temperature (Liquid) 45°C
- Sand Content: Max 50g/m<sup>3</sup>
- 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-215A.

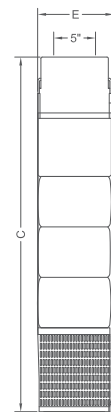
# 10" Submersible Pump Stainless Steel



## Mixed Flow SP-M125A

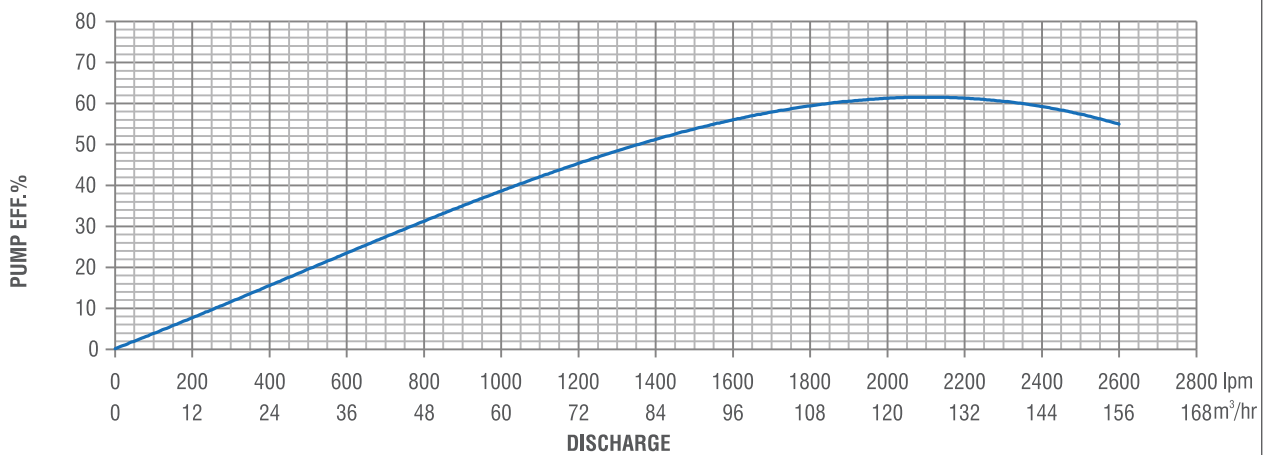
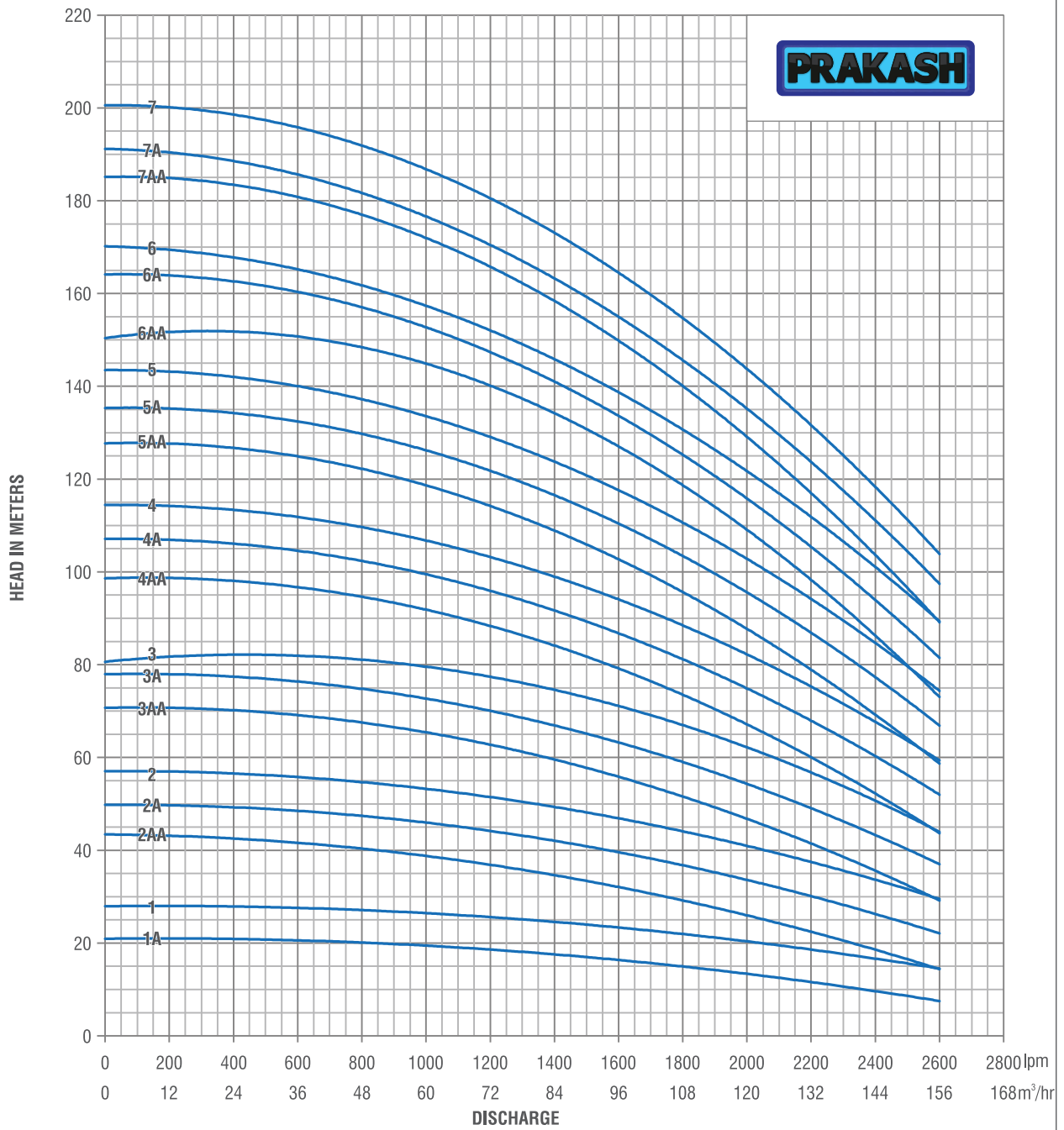
## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	M <sup>3</sup> /H	0	48	96	126	144	156
	KW	HP						LPM	0	800	1600	2100	2400	2600
SP-M125A-1A	7.5	10	651	211	70	V-6	Head in Meter	21	20	16	13	10	7	
SP-M125A-1	11	15	651	211	79	V-6		28	27	23	20	17	14	
SP-M125A-2AA	13	17.5	807	211	88	V-6		44	39	32	26	19	13	
SP-M125A-2A	18.5	25	807	211	97	V-6		50	47	39	33	27	21	
SP-M125A-2	22	30	807	211	103	V-6		57	55	46	40	34	29	
SP-M125A-3AA	22	30	963	211	109	V-6		71	67	55	46	36	28	
SP-M125A-3A	26	35	963	211	115	V-6		78	75	62	53	44	36	
SP-M125A-3	30	40	963	211	123	V-8		80	83	69	60	51	44	
SP-M125A-4AA	37	50	1119	211	176	V-8		99	94	78	66	53	42	
SP-M125A-4A	37	50	1119	211	176	V-8		107	103	85	73	61	51	
SP-M125A-4	37	50	1119	213	176	V-8		114	111	92	80	68	59	
SP-M125A-5AA	45	60	1275	213	236	V-8		128	122	101	86	70	57	
SP-M125A-5A	45	60	1275	213	236	V-8		135	131	108	93	78	66	
SP-M125A-5	55	75	1275	213	251	V-8		143	139	115	100	85	74	
SP-M125A-6AA	55	75	1431	213	257	V-8		150	150	124	106	87	72	
SP-M125A-6A	55	75	1431	213	257	V-8		164	158	131	113	95	80	
SP-M125A-6	63	90	1431	218	283	V-8		171	160	138	120	102	87	
SP-M125A-7AA	63	90	1587	218	289	V-8		185	178	147	126	104	88	
SP-M125A-7A	63	90	1587	218	289	V-8		192	180	154	133	112	95	
SP-M125A-7	75	100	1587	218	308	V-8		200	194	161	140	119	103	
SP-M125A-8AA	75	100	1743	218	314	V-8		213	205	170	146	121	101	
SP-M125A-8A	75	100	1743	218	314	V-8		221	213	177	153	129	109	
SP-M125A-8	75	100	1743	218	314	V-8		228	222	184	160	136	118	
SP-M125A-9AA	93	125	1899	218	366	V-8		242	233	193	166	138	116	
SP-M125A-9A	93	125	1899	218	366	V-8		249	241	200	173	146	124	
SP-M125A-9	93	125	1899	218	366	V-8		257	249	207	180	153	132	
SP-M125A-10AA	93	125	2055	218	372	V-8		270	261	216	186	155	131	
SP-M125A-10A	93	125	2055	218	372	V-8		278	269	223	193	163	139	
SP-M125A-10	93	125	2055	218	372	V-8		285	277	230	200	170	147	
SP-M125A-11	110	150	2507	218	438	V-10		314	305	253	220	187	162	
SP-M125A-12	130	175	2714	237	556	V-10		342	332	276	240	204	176	
SP-M125A-13	130	175	2870	237	562	V-10		371	360	299	260	221	191	
SP-M125A-14	150	200	3025	237	633	V-10		399	388	322	280	238	206	
SP-M125A-15	150	200	3181	237	639	V-10		428	416	345	300	255	221	
SP-M125A-16	185	250	3336	237	685	V-10	456	443	368	320	272	235		
SP-M125A-17	185	250	3492	237	691	V-10	485	471	391	340	289	250		



Suitable outlet 6" BSP

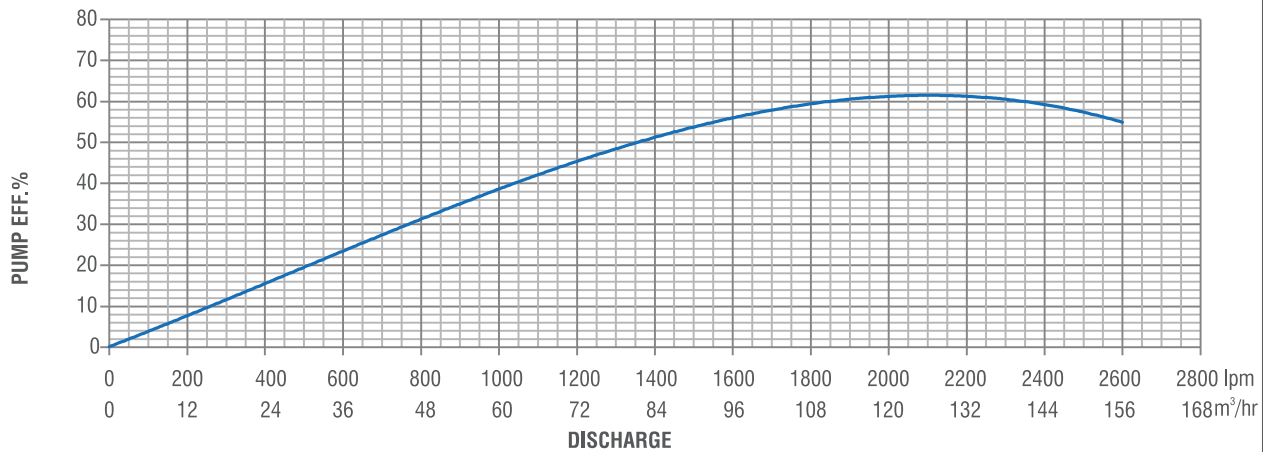
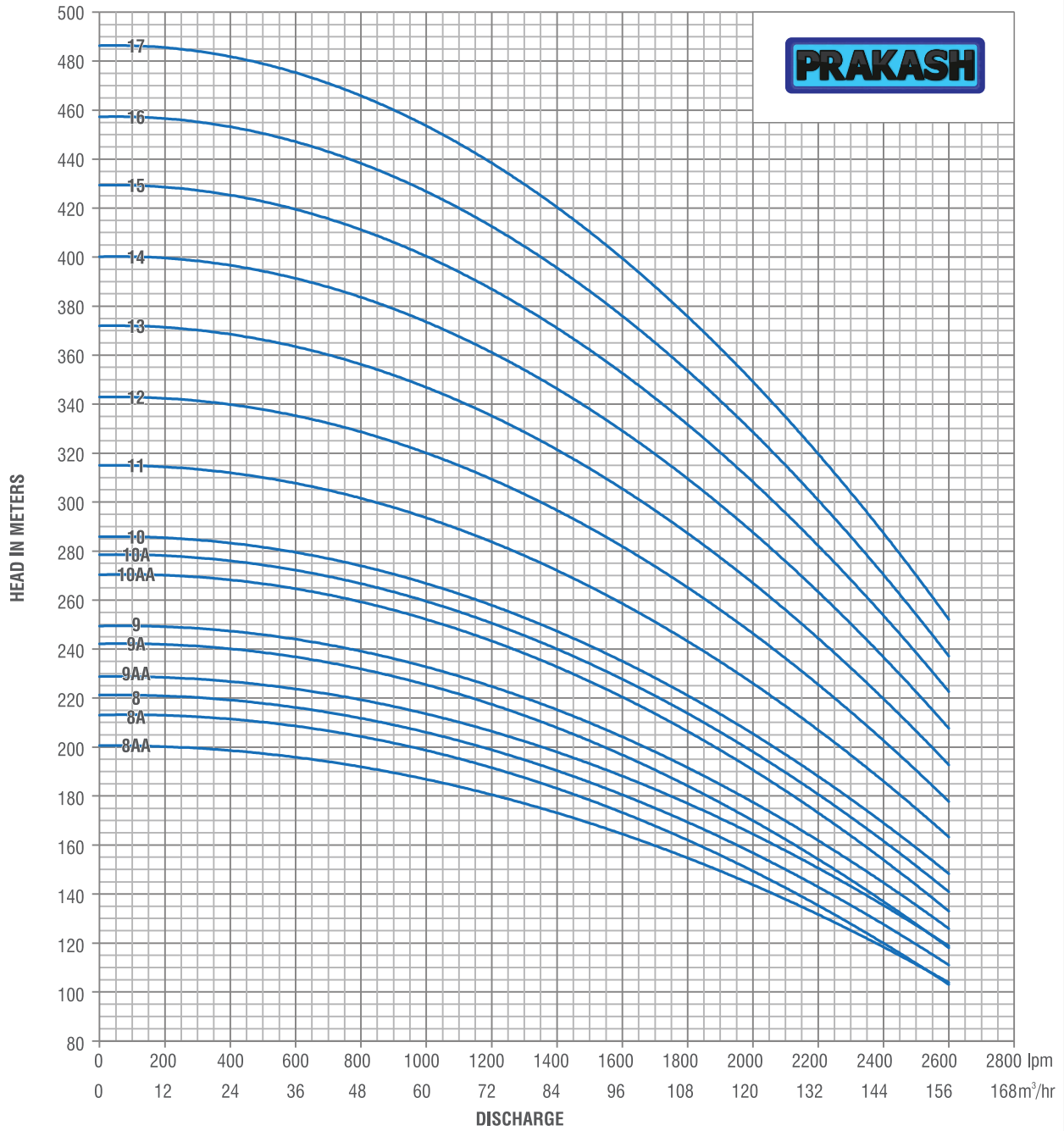
HYDRAULIC PERFORMANCE CURVE SP- M125A,50Hz, 2900 rpm



# 10" Submersible Pump Stainless Steel



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





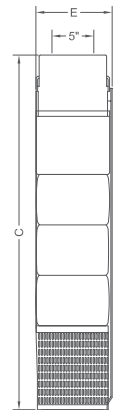
# 10" Submersible Pump Stainless Steel



## Mixed Flow SP-M160A

## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Motor Joining	Q	M <sup>3</sup> /H	0	60	90	120	162	180
	KW	HP						LPM	0	1000	1500	2000	2700	3000
SP-M160A-1A	9.3	12.5	651	211	76	V-6	Head in Meter	24	20	18	16	12	9	
SP-M160A-1	13	17.5	651	211	82	V-6		32	29	26	23	20	17	
SP-M160A-2AA	18.5	25	807	211	97	V-6		48	41	36	32	24	19	
SP-M160A-2A	22	30	807	211	103	V-6		56	50	44	39	32	27	
SP-M160A-2	26	35	807	211	109	V-6		64	59	52	47	40	35	
SP-M160A-3AA	30	40	963	211	123	V-8		80	71	62	55	44	37	
SP-M160A-3A	37	50	963	211	170	V-8		88	80	70	63	52	45	
SP-M160A-3	37	50	963	211	170	V-8		96	89	79	70	60	53	
SP-M160A-4AA	45	60	1119	218	230	V-8		112	100	88	79	64	54	
SP-M160A-4A	45	60	1119	218	230	V-8		120	109	97	86	72	62	
SP-M160A-4	55	75	1119	218	245	V-8		128	118	105	93	80	70	
SP-M160A-5AA	55	75	1275	218	251	V-8		144	130	115	102	84	72	
SP-M160A-5A	55	75	1275	218	251	V-8		152	139	123	109	92	80	
SP-M160A-5	63	90	1275	218	277	V-8		160	148	131	117	100	88	
SP-M160A-6AA	63	90	1431	218	283	V-8		176	159	141	125	104	89	
SP-M160A-6A	75	100	1431	218	302	V-8		184	168	149	133	112	97	
SP-M160A-6	75	100	1431	218	302	V-8		192	177	157	140	120	105	
SP-M160A-7AA	75	100	1587	218	302	V-8		208	189	167	149	124	107	
SP-M160A-7A	93	125	1587	218	354	V-8		216	198	175	156	132	115	
SP-M160A-7	93	125	1587	218	354	V-8		224	207	183	163	140	123	
SP-M160A-8AA	93	125	1743	218	360	V-8		240	218	193	172	144	124	
SP-M160A-8A	93	125	1743	218	360	V-8		248	227	201	179	152	132	
SP-M160A-8	93	125	1743	218	360	V-8		256	236	210	186	160	140	
SP-M160A-9AA	110	150	1899	218	416	V-10		272	248	219	195	164	142	
SP-M160A-9A	110	150	1899	218	416	V-10		280	257	228	202	172	152	
SP-M160A-9	110	150	1899	218	416	V-10		288	266	236	210	180	158	
SP-M160A-10AA	110	150	2351	218	432	V-10		304	277	246	218	184	160	
SP-M160A-10A	130	175	2403	237	544	V-10		312	287	254	226	192	168	
SP-M160A-10	130	175	2403	237	544	V-10		320	295	262	233	200	175	
SP-M160A-11	130	175	2559	237	550	V-10		352	324.5	288	256	220	193	
SP-M160A-12	150	200	2714	237	621	V-10		384	354	314	280	240	210	
SP-M160A-13	185	250	2870	237	667	V-10		416	383.5	341	303	260	228	
SP-M160A-14	185	250	3025	237	673	V-10		448	413	367	326	280	245	
SP-M160A-15	185	250	3259	237	803	V-10		480	442.5	393	350	300	263	

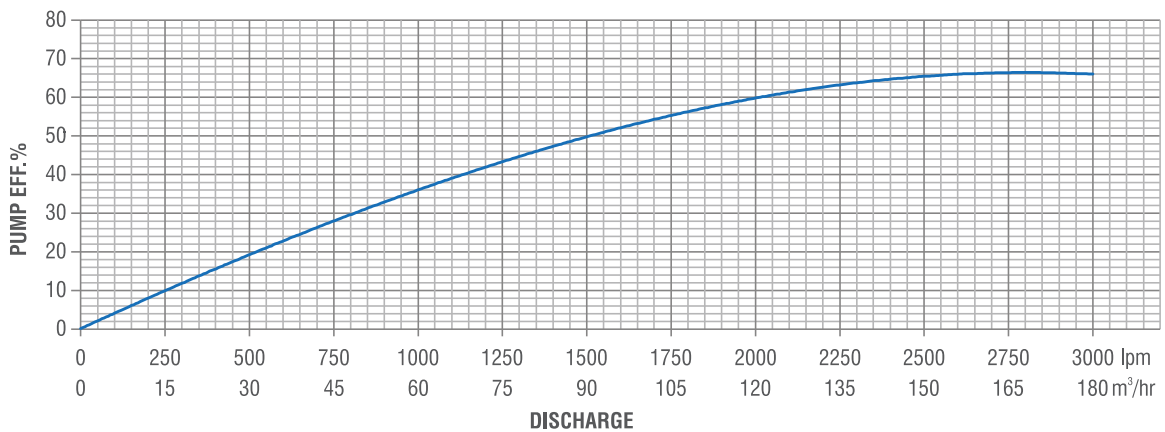
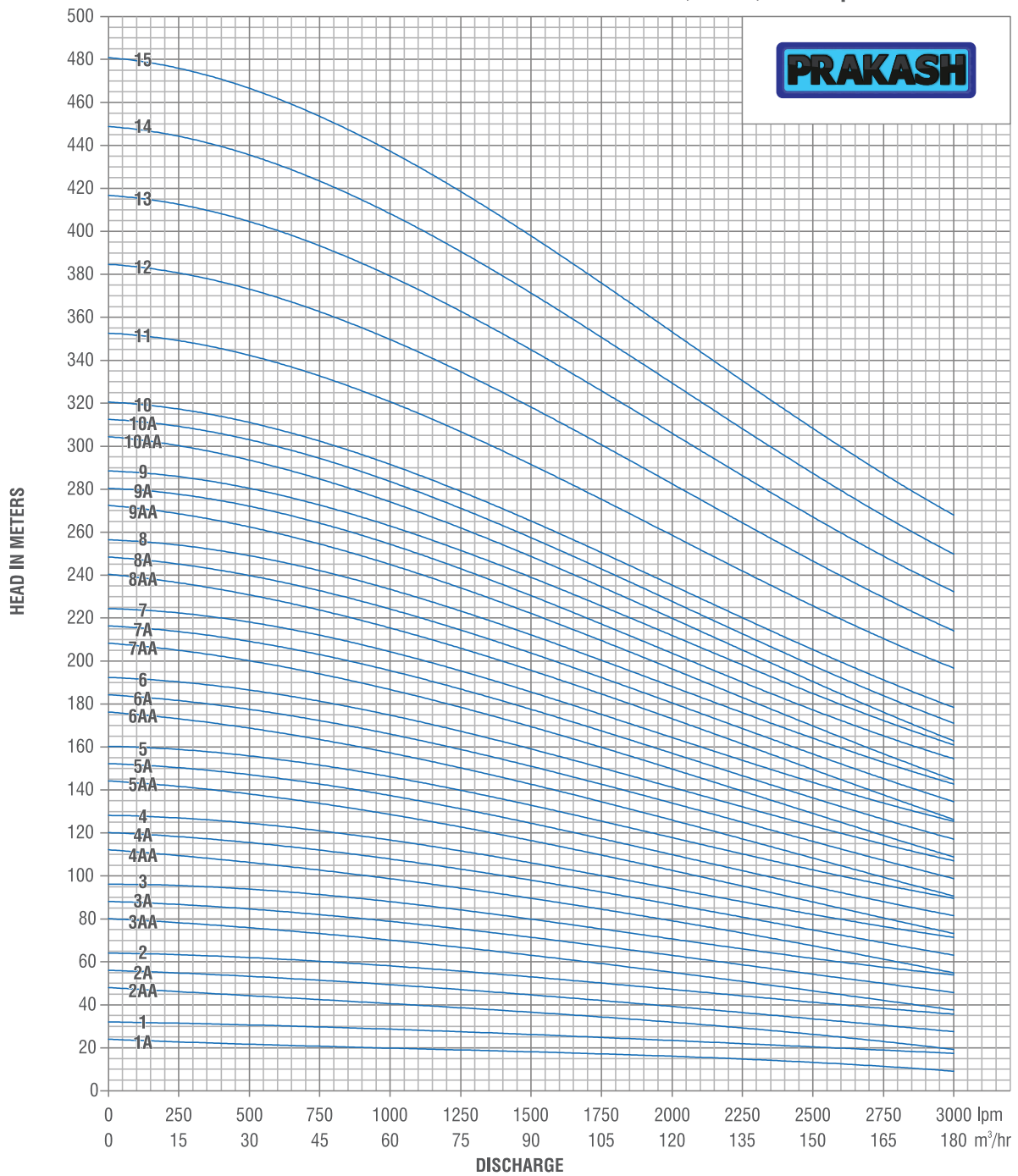


Suitable outlet 6" BSP

# 10" Submersible Pump Stainless Steel



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



# 10" Submersible Pump Stainless Steel

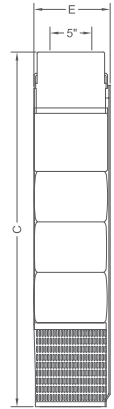


## Mixed Flow SP-M215A

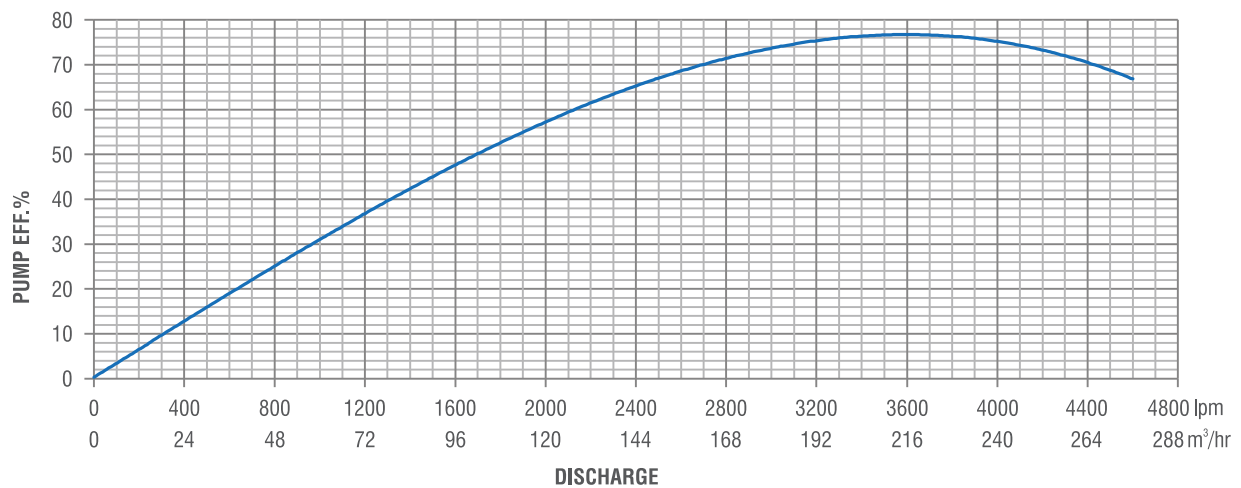
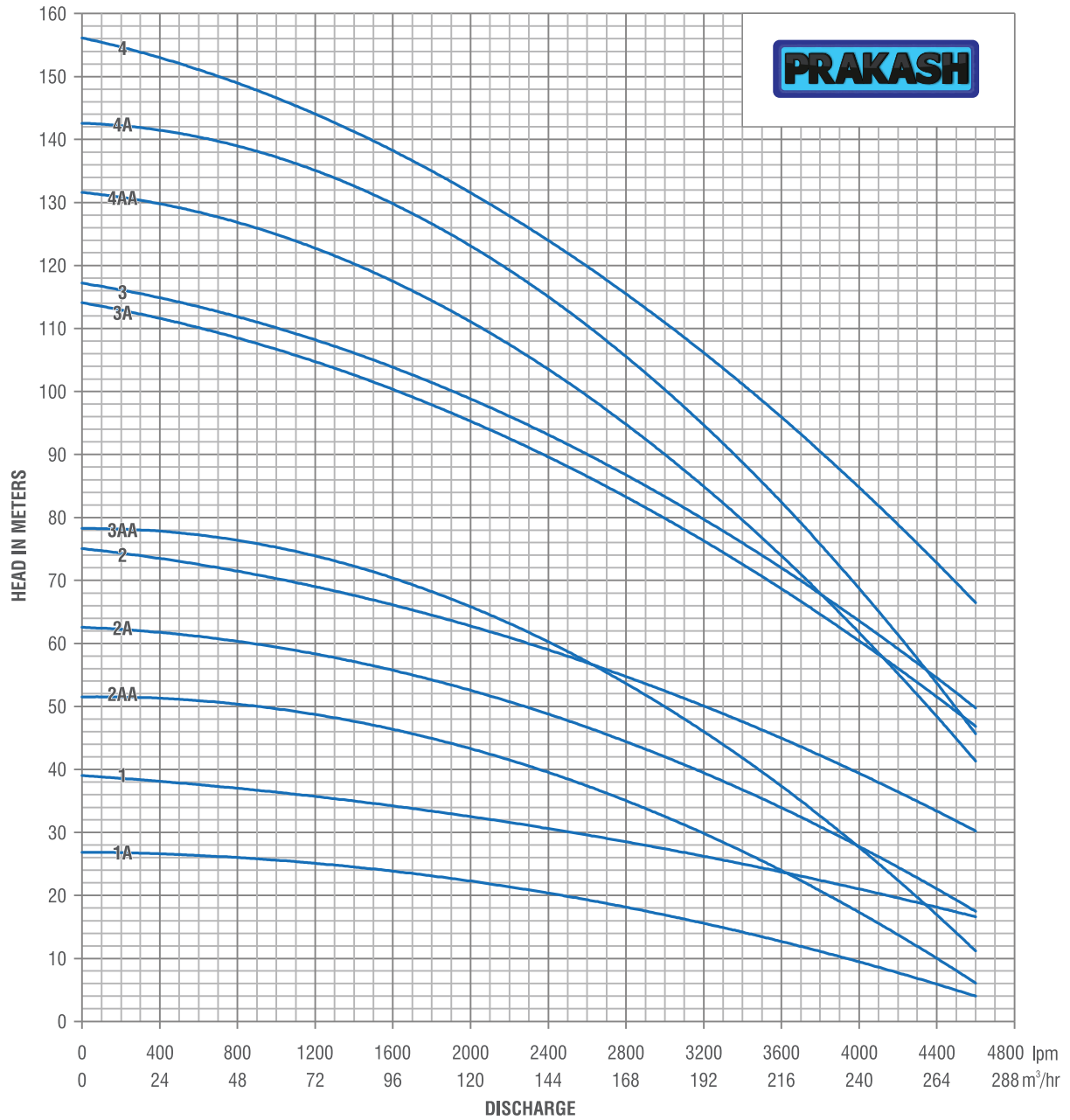
## Hydraulic Pump Performance Chart 50Hz, 2900 RPM

Model	Power		C	E	Pump Weight (Kg)	Q	US GPM	0	396.3	634	792.5	951	1057	1215
	KW	HP					M <sup>3</sup> /H	0	90	144	180	216	240	276
							LPM	0	1500	2400	3000	3600	4000	4600
SP-M215A-1A	15	20	790	241	92	Head In Meters	27	24	20	17	13	10	3.5	
SP-M215A-1	18.5	25	790	241	97		39	35	30	27	24	22	16	
SP-M215A-2AA	26	35	966	241	127		52	46	39	33	25	18	5	
SP-M215A-2A	30	40	966	241	174		63	56	47	43	35	29	16	
SP-M215A-2	45	60	966	241	228		75	68	57	52	46	41	29	
SP-M215A-3AA	55	75	1142	241	253		79	70	59	50	40	29	9	
SP-M215A-3A	55	75	1142	241	253		114	103	87	79	70	63	45	
SP-M215A-3	63	85	1142	241	279		117	107	90	82.5	73.5	66	48	
SP-M215A-4AA	75	100	1318	241	308		132	119	101	90	76	64	39	
SP-M215A-4A	75	100	1318	241	308		144	130	110	100	87	76	39	
SP-M215A-4	75	100	1318	241	308		156	142	120	110	98	88	64	

Suitable outlet 6" BSP



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







Quality, Reliability, Life

**PRAKASH PUMP**

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