

APEC Pump Enterprise Corp.



www.apecpump.com

APEC PUMP



Powered by Franklin

**4", 6", 8" SUPER
STAINLESS STEEL
SUBMERSIBLE
DEEP WELL PUMPS**

60HZ



4" SUPER STAINLESS STEEL SUBMERSIBLE DEEP WELL PUMPS



Basic Features

- Non-polluting, corrosion resistant, Stainlesssteel construction inside and out.
- The smooth safety hook will prevent the rope from abading.
- The built-in jam-free stainless steel check valve can effectively prevent backflow of water in the pipe from affecting pump performance when the motor is not operating.
- Precision stainless steel intermediate chamber can help maintain optimum performance even when water pressure is greatest.
- The high-performance, high efficecy stainless steel impeller is one of the special features of this product. It is incomparably superior to ordinary plastic or brass impellers in terms of abrasion resistance and service life.
- The stainless steel strainer can prevent the entry of sand or other extraneous material.

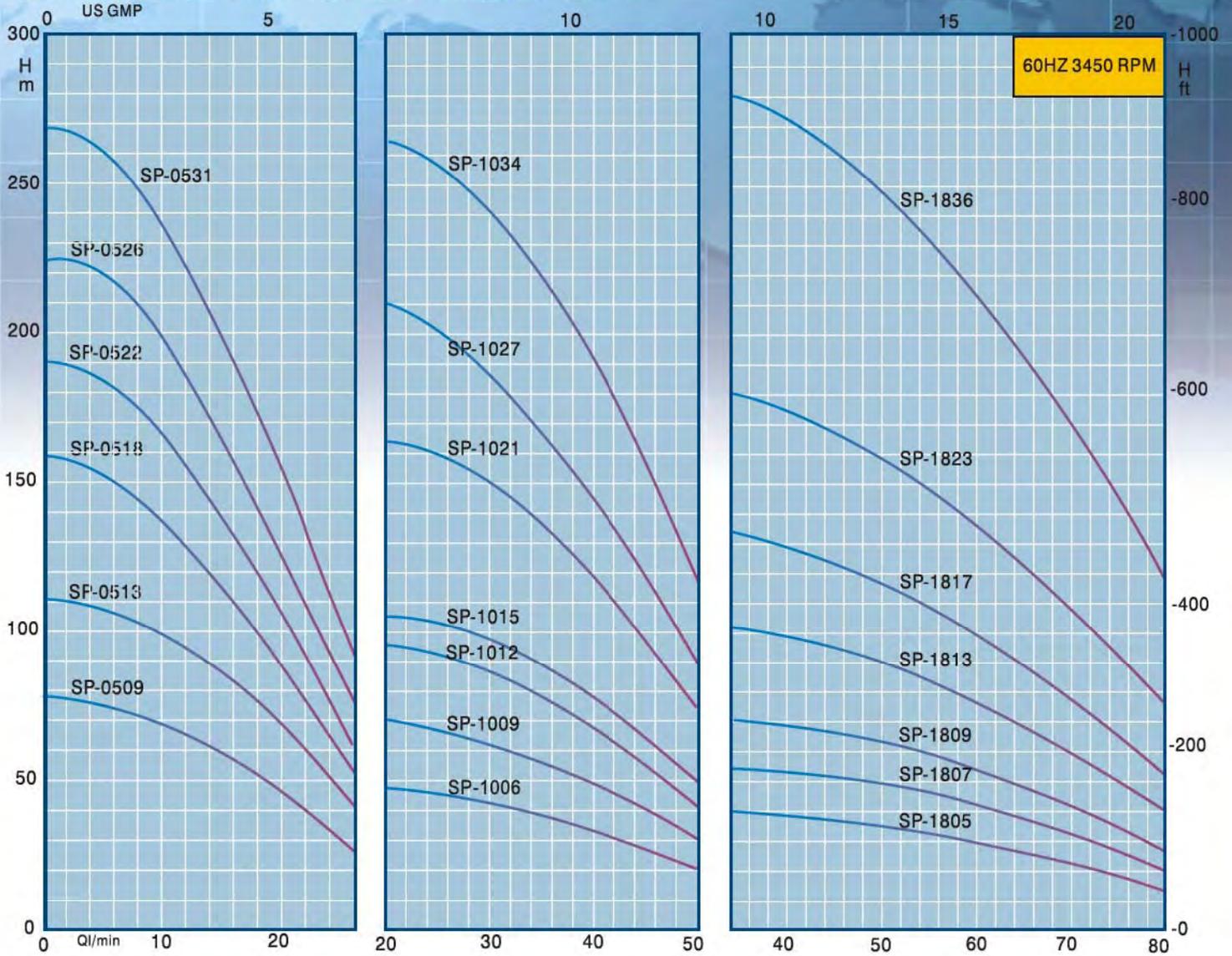
Construction Material

Model	SP-5, 10 & 18	SP-25	SP-40 & SP-75
discharge	1-1/4"	1-1/2"	2"
pump O.D.	4" (98.5mm)		
Stages & Impeller	#304 SST		
Pump Shaft	#304 SST	#431 SST	
Pump Bearing	Buna-N Rubber		
Lead Guard	#304 SST		
Strainer & Check Valve	#304 SST		
motor	4" Franklin Motor		



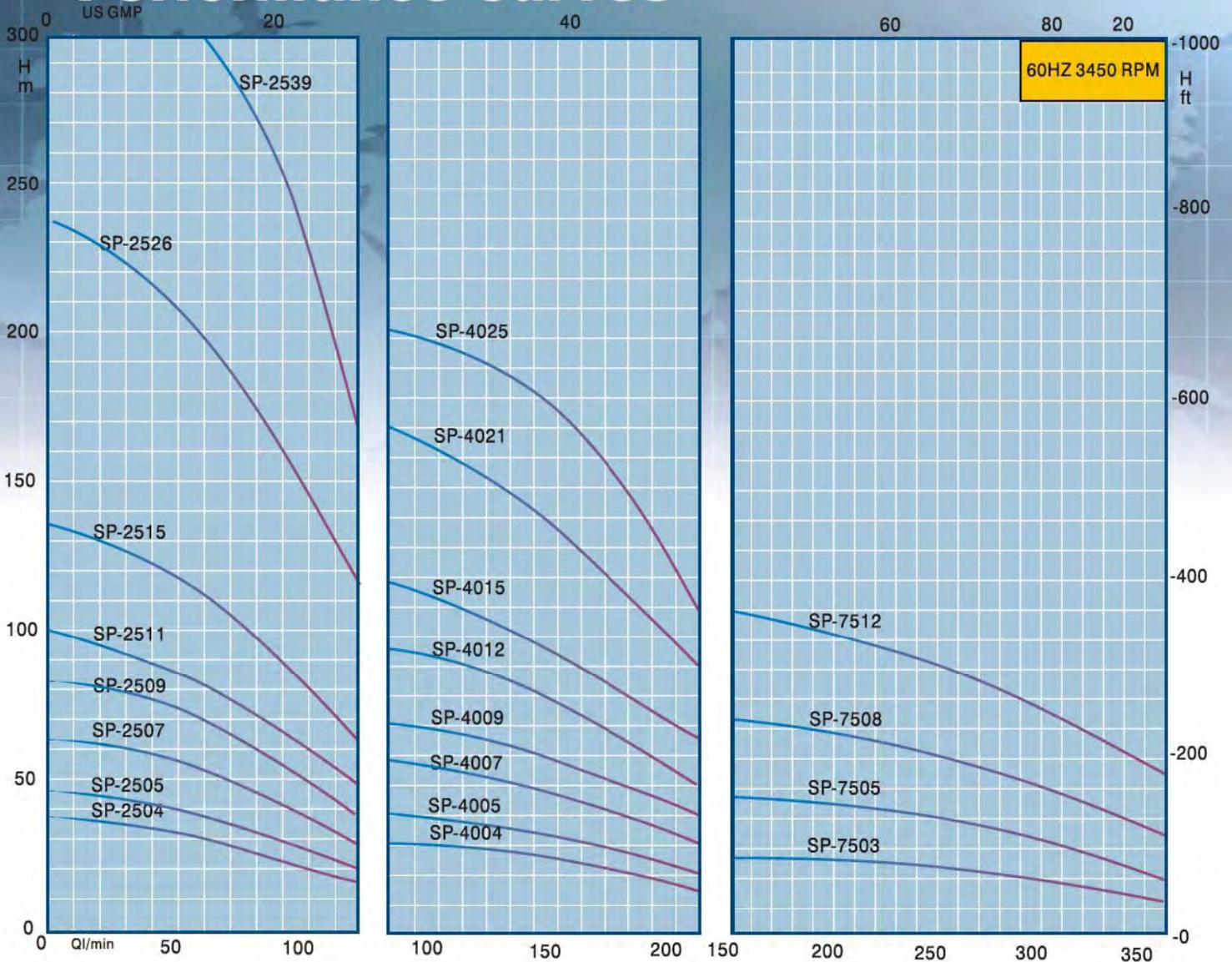


Performance curves



MODEL	STAGES	KW	HP	Q=DELIVERY														PUMP END		Dimensions With motor		
				1/min O	5	10	15	20	25	30	35	40	50	60	70	80	DIMENSION (mm)	WEIGHT (kg)	(mm) 1x230V	(mm) 3x230V		
				m ³ /h 0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3	3.6	4.2	4.8						
				H=TOTAL HEAD IN METRES																		
SP-0509	9	0.25	1/3	78	74	70	62	49	30										344	3.0	577	-----
SP-0513	13	0.37	1/2	112	109	101	89	70	43										428	3.8	683	683
SP-0518	18	0.55	3/4	156	151	140	124	98	60										533	4.8	820	820
SP-0522	22	0.75	1	190	184	172	151	120	73										617	5.6	935	935
SP-0526	26	1.1	11/2	225	217	203	179	141	86										701	6.4	1047	1019
SP-0531	31	1.1	11/2	268	260	242	213	169	103										806	7.4	1197	1169
SP-1006	6	0.25	1/3	51				47	44	41	37	33	21						281	2.5	514	-----
SP-1009	9	0.37	1/2	76				70	66	62	56	50	31						344	3.1	599	599
SP-1012	12	0.55	3/4	102				94	88	82	75	66	42						407	3.7	694	694
SP-1015	15	0.75	1	127				117	110	103	94	82	52						470	4.3	788	788
SP-1021	21	1.1	11/2	178				164	154	144	132	115	66						596	5.5	942	914
SP-1027	27	1.5	2	229				211	198	186	170	148	91						722	6.7	1106	1068
SP-1034	34	2.2	3	289				266	249	234	214	187	116						869	8.1	1510	1438
SP-1805	5	0.37	1/2	45							39	38	36	32	26	17			260	2.3	515	515
SP-1807	7	0.55	3/4	63							54	53	51	45	37	24			302	2.7	589	589
SP-1809	9	0.75	1	81							70	68	65	58	47	30			344	3.1	774	662
SP-1813	13	1.1	11/2	117							102	99	94	83	68	43			428	3.9	662	746
SP-1817	17	1.5	2	153							133	129	123	108	89	57			512	4.7	896	858
SP-1823	23	2.2	3	207							180	175	166	147	120	77			638	5.9	1234	1162
SP-1836	36	3.7	5	324							282	274	259	230	189	120			956	8.5	1705	1552

Performance curves



MODEL	STAGES	KW	HP	Q=DELIVERY												PUMP END		Dimensions With motor		
				1/min O	65	70	75	80	90	100	120	150	200	250	300	350	DIMENSION (mm)	WEIGHT (kg)	(mm) 1x230V	(mm) 3x230V
				m ³ /h O	3.9	4.2	4.5	4.8	5.4	6	7.2	9	12	15	18	21				
H=TOTAL HEAD IN METRES																				
SP-2504	4	0.37	1/2	37	30	29	28	27	26	23	17						239	2.3	494	494
SP-2505	5	0.55	3/4	46	37	36	35	34	32	29	22						260	2.8	548	548
SP-2507	7	0.75	1	64	52	51	50	48	45	40	30						302	2.9	621	621
SP-2509	9	1.1	11/2	82	67	66	64	61	57	52	39						344	3.3	691	663
SP-2511	11	1.5	2	100	82	80	78	75	70	63	48						386	3.7	771	733
SP-2515	15	2.2	3	137	111	109	107	102	96	86	65						470	4.5	1067	995
SP-2526	26	3.7	5	238	192	190	185	176	166	150	113						701	6.7	1451	1298
SP-2539	39	5.5	7 1/2	356	289	285	278	264	250	225	170						1019	9.3	-----	1767
SP-4004	4	0.75	1	35					31	30	29	26	19				367	3.7	685	685
SP-4005	5	1.1	1 1/2	44					39	38	37	33	24				409	4.2	755	727
SP-4007	7	1.5	2	61					55	53	51	46	33				493	5.2	877	839
SP-4009	9	2.2	3	79					70	68	66	59	43				577	6.2	1173	1101
SP-4012	12	3.7	5	105					94	91	88	79	57				703	7.1	1452	1299
SP-4015	15	3.7	5	131					117	113	110	98	71				829	9.2	1578	1425
SP-4021	21	5.5	7 1/2	184					165	159	154	137	100				1087	12.2	-----	1892
SP-4025	25	5.5	7 1/2	219					195	188	184	163	119				1249	14.2	-----	2060
SP-7503	3	1.5	2	30								27	25	23	19	15	380	3.7	764	726
SP-7505	5	2.2	3	50								45	42	38	32	25	510	4.7	1106	1034
SP-7508	8	3.7	5	80								73	67	61	52	40	705	6.2	1454	1301
SP-7512	12	5.5	7 1/2	120								109	100	91	78	60	965	8.2	-----	1714

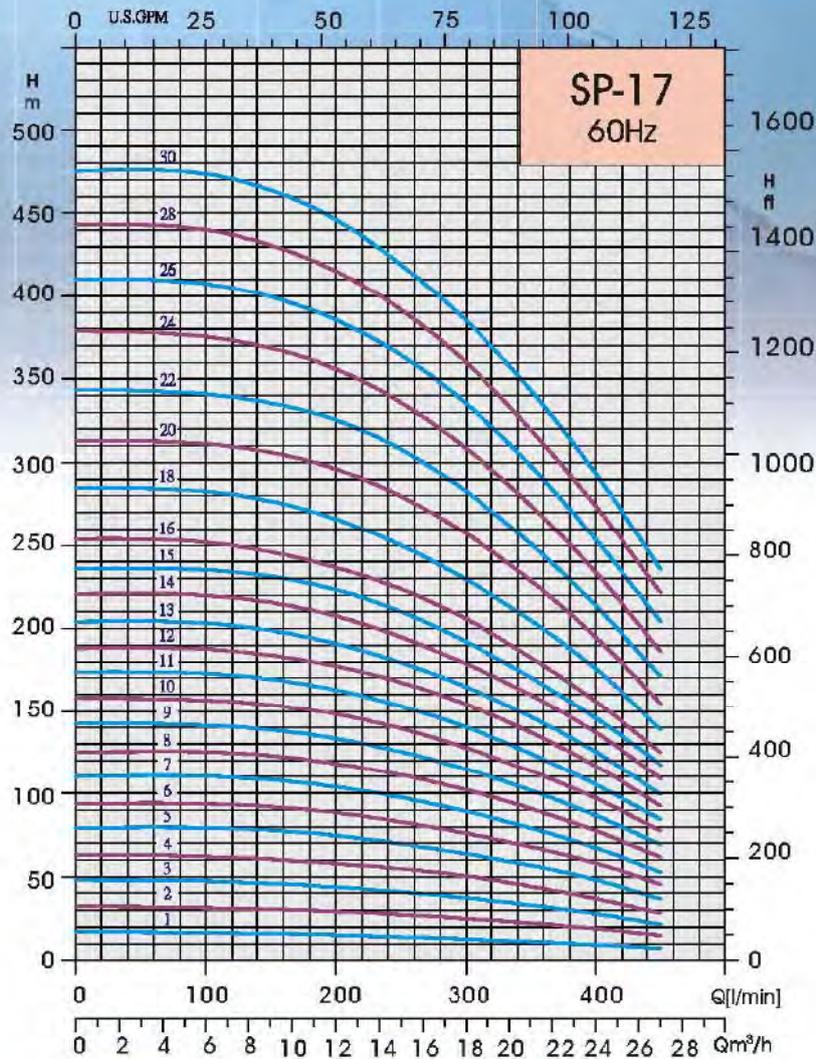


**6", 8" SUPER
STAINLESS STEEL
SUBMERSIBLE
DEEP WELL
PUMPS**



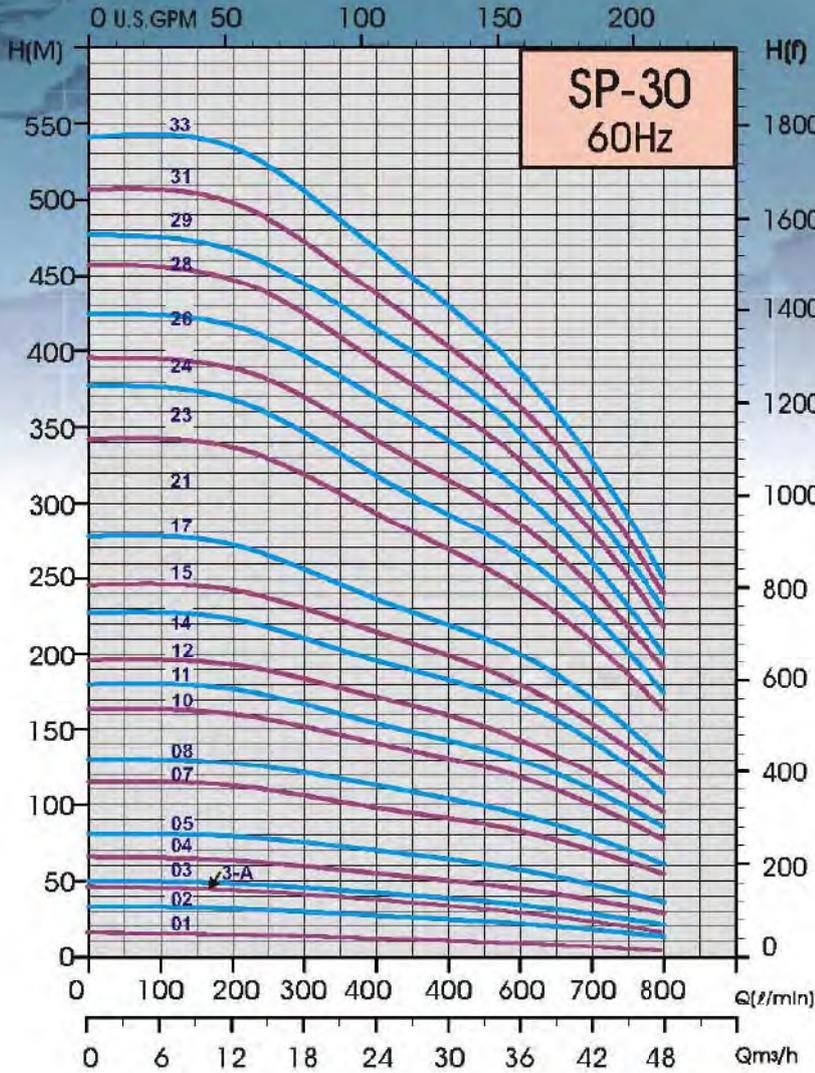


Performance curves



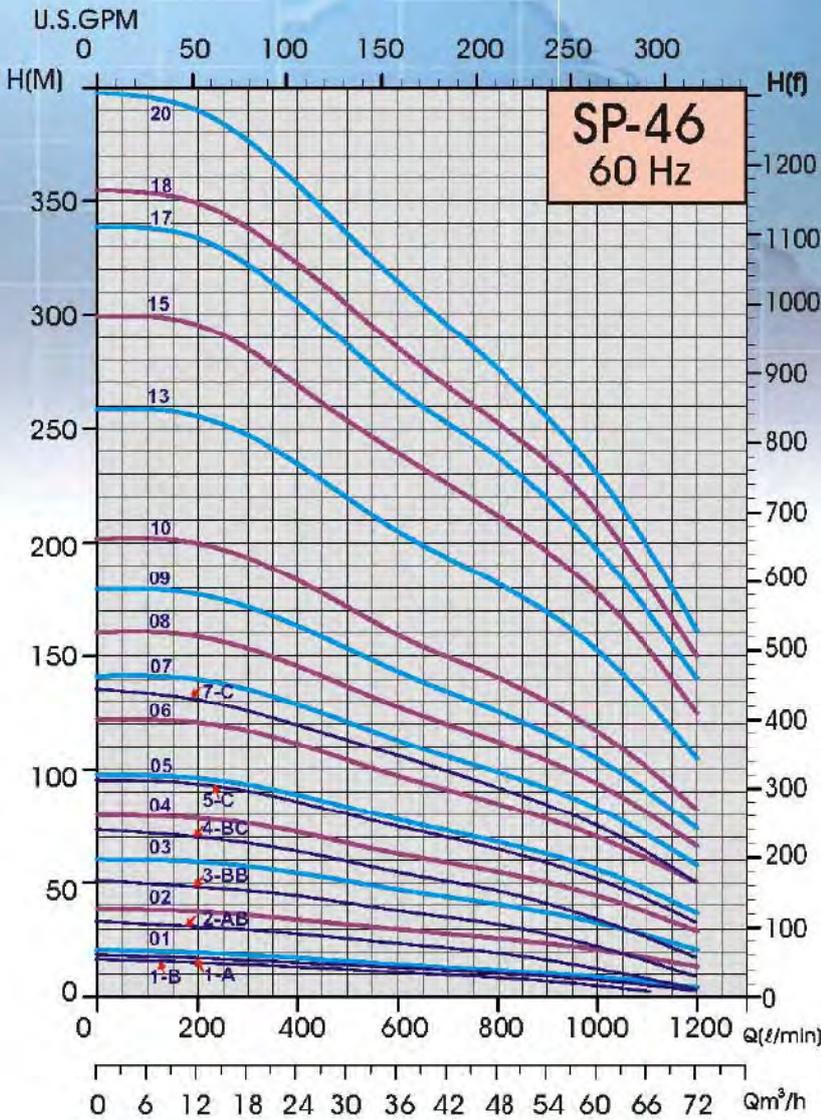
Pump Type	Motor P2		Q capacity 3450rpm									
			m³/h	6	9	12	15	18	21	24	27	
	kw	HP	l/min	100	150	200	250	300	350	400	450	
SP 17-1-015	1.1	1.5	HEAD IN METERS	17	15	14	13	12	11	9	8	
SP 17-2-030	2.2	3		32	31	29	28	25	23	19	16	
SP 17-3-040	3	4		48	47	44	41	38	33	28	22	
SP 17-4-050	3.7	5		62	60	58	55	50	45	37	28	
SP 17-5-075	5.5	7.5		79	78	75	70	63	57	48	37	
SP 17-6-075	5.5	7.5		93	92	88	83	76	68	58	46	
SP 17-7-100	7.5	10		110	108	103	98	89	79	68	53	
SP 17-8-100	7.5	10		125	122	118	112	102	91	78	62	
SP 17-9-100	7.5	10		141	138	133	125	115	102	88	70	
SP 17-10-125	9.3	12.5		157	154	148	140	128	115	98	78	
SP 17-11-125	9.3	12.5		172	169	162	153	140	125	106	84	
SP 17-12-150	11	15		188	184	177	167	154	138	117	93	
SP 17-13-150	11	15		203	199	190	179	165	147	125	100	
SP 17-14-175	13	17.5		220	216	208	195	179	160	138	110	
SP 17-15-175	13	17.5		235	231	223	210	192	170	146	119	
SP 17-16-200	15	20		252	247	237	224	206	184	156	126	
SP 17-18-200	15	20		283	277	266	250	230	205	176	140	
SP 17-20-250	18.5	25		311	307	297	280	258	229	195	155	
SP 17-22-250	18.5	25		341	336	325	308	282	251	214	170	
SP 17-24-300	22	30		376	369	357	336	309	275	233	186	
SP 17-26-300	22	30	408	400	386	365	336	298	253	205		
SP 17-28-350	26	35	440	431	415	392	360	320	273	220		
SP 17-30-350	26	35	473	465	446	420	385	343	293	236		

Performance curves



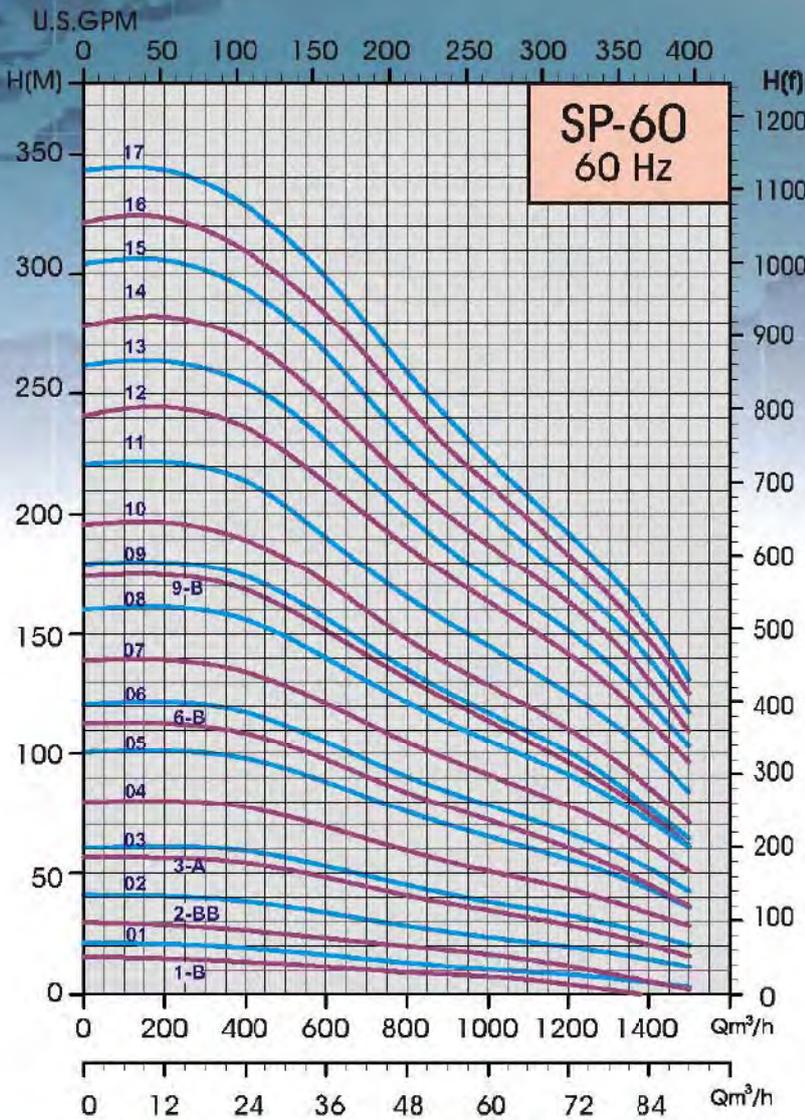
Pump Type	Motor P2		Q capacity 3450rpm													
			m³/h		12	15	18	21	24	27	30	33	36	39	42	45
	kw	HP	1/min	200	250	300	350	400	450	500	550	600	650	700	750	800
SP3001-020	1.5	2	HEAD IN METERS	16	15.5	15	14	13.5	13	12	11	10	9	8	6	5
SP3002-040	3	4		32	31	29	28	27	26	24	23	22	20	18	16	13
SP3003-A-050	3.7	5		44	43	42	40	38	36	34	32	30	27	24	21	17
SP3003-055	4	5.5		48	47	46	44	42	40	38	37	34	31	28	25	22
SP3004-075	5.5	7.5		63	62	59	57	55	53	50	47	45	41	37	34	28
SP3005-100	7.5	10		79	77	75	72	70	67	64	61	58	53	47	42	36
SP3007-125	9.3	12.5		113	110	106	102	98	94	91	87	82	77	70	63	55
SP3008-150	11	15		128	125	121	117	113	108	104	99	93	87	78	70	61
SP3010-175	13	17.5		160	156	152	146	141	136	130	125	118	110	100	88	77
SP3011-200	15	20		177	172	167	160	154	148	143	137	129	120	110	97	86
SP3012-250	18.5	25		193	189	184	178	172	166	158	152	143	133	120	108	95
SP3014-250	18.5	25		223	217	210	204	196	189	183	176	167	156	142	126	107
SP3015-300	22	30		242	237	230	223	215	207	198	190	180	167	154	137	120
SP3017-300	22	30		272	265	256	246	236	227	219	210	200	187	170	150	130
SP3021-400	30	40		337	329	318	306	293	280	269	257	244	227	208	186	162
SP3023-400	30	40		367	358	346	333	318	305	292	280	266	248	226	201	175
SP3024-500	37	50		388	381	370	356	342	328	315	302	286	267	244	218	190
SP3026-500	37	50	416	408	396	383	369	356	341	326	308	286	260	231	200	
SP3028-500	37	50	447	438	424	409	393	377	363	347	328	306	280	250	218	
SP3029-600	45	60	466	457	445	429	414	399	383	367	346	322	295	263	230	
SP3031-600	45	60	497	487	472	455	437	420	403	384	363	340	310	276	240	
SP3033-600	45	60	535	522	505	486	467	449	429	409	386	360	327	290	250	

Performance curves



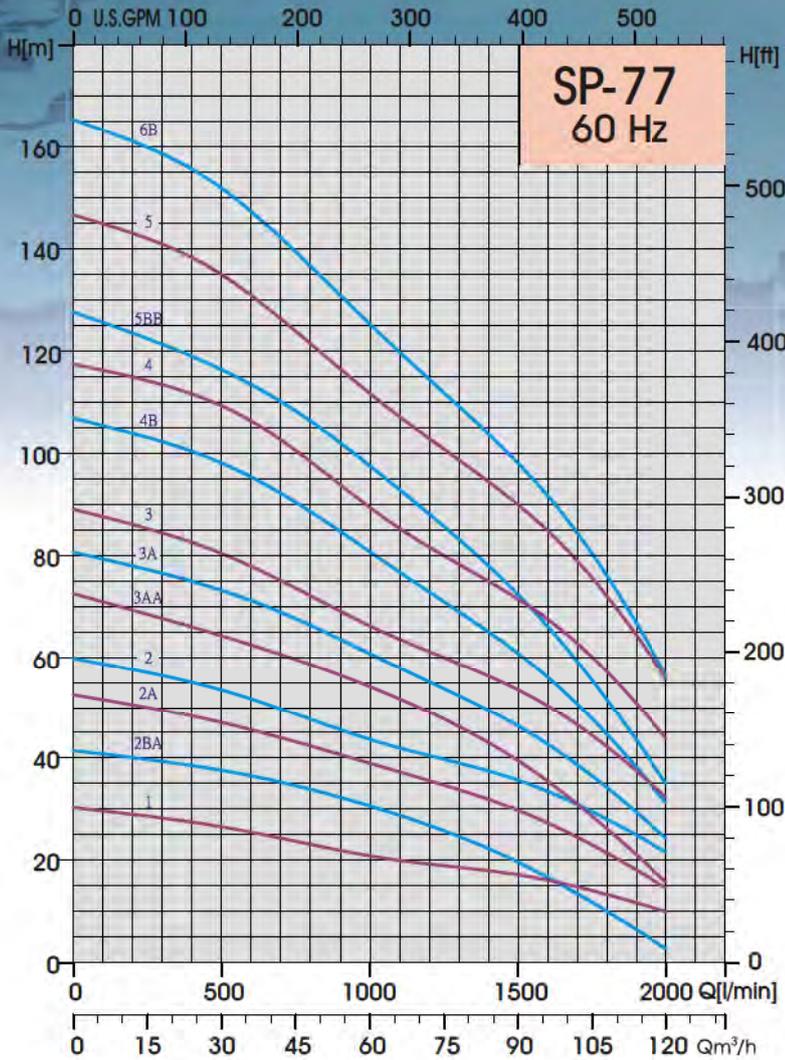
Pump Type	Motor P2		Q capacity 3450rpm													
			m³/h l/min	18	21	24	27	30	33	36	42	48	54	60	66	72
	kW	HP		300	350	400	450	500	550	600	700	800	900	1000	1100	1200
SP4601B-020	1.5	2	HEAD IN METERS	15	14.5	14	13	12.5	12	11	10	9	8	6	3	0
SP4601A-030	2.2	3		17	16.5	16	15.5	15	14.5	14	13	11	10	8	6	3
SP4601-040	3	4		18	17.5	17	16.5	16	15	14	13	12	11	8	6	4
SP4602-AB-050	3.7	5		30	29	28	27	26	25	24	22	20	17	13	8	4
SP4602-075	5.5	7.5		36	35	34	33	32	31	29	27	26	24	21	17	13
SP4603-BB-075	5.5	7.5		47	46	45	43	42	40	38	36	32	28	23	16	10
SP4603-100	7.5	10		57	56	54	53	51	48	47	44	40	37	33	27	21
SP4604-BC-100	7.5	10		68	67	64	62	60	58	55	51	47	41	35	27	18
SP4604-125	9.3	12.5		76	74	72	70	67	65	63	58	55	50	44	37	28
SP4605-C-150	11	15		91	88	85	83	81	78	75	70	65	59	52	43	34
SP4605-175	13	17.5		93	91	88	86	83	81	77	73	68	63	56	47	37
SP4606-200	15	20		117	114	112	108	104	100	97	91	85	77	70	60	50
SP4607-C-200	15	20		126	123	120	117	114	110	107	99	93	85	76	65	51
SP4607-250	18.5	25		136	133	128	125	121	117	113	106	98	92	83	71	57
SP4608-250	18.5	25		153	150	146	141	137	132	127	120	113	104	94	80	66
SP4609-250	22	30		172	167	163	158	154	148	143	135	126	116	105	90	74
SP4610-300	22	30		194	188	184	177	172	165	159	150	141	130	117	100	83
SP4613-400	30	40		247	242	235	227	220	213	205	193	182	168	153	130	105
SP4615-500	37	50		285	277	269	261	254	246	239	226	212	196	177	154	125
SP4617-500	37	50		322	315	306	296	287	277	267	252	237	219	197	170	140
SP4618-600	45	60	337	331	323	314	305	295	286	268	252	236	214	183	150	
SP4620-600	45	60	376	367	357	346	335	325	315	295	276	255	230	198	161	

Performance curves



Pump Type	Motor P2		Q capacity 3450rpm													
			HEAD IN METERS													
	kw	HP	m ³ /h	24	27	30	36	42	48	54	60	66	72	78	84	90
SP6001-3-030	2.2	3	1/15	14	13	12	11	10	9	8	7	6	4	2	0	0
SP6001-050	3.7	5	1/10	19	18	17	16	14	13	11	10	9	8	7	4	3
SP6002-BB-050	3.7	5	1/10	26	25	24	23	22	20	18	17	14	12	8	5	2
SP6002-075	5.5	7.5	1/7.5	38	37	36	34	31	28	26	24	22	19	17	15	11
SP6003-A-100	7.5	10	1/5	54	53	52	48	44	41	38	35	32	28	25	21	16
SP6003-125	9.3	12.5	1/3.75	59	58	57	53	49	46	42	38	36	33	29	25	20
SP6004-160	11	15	1/3	77	76	74	69	65	59	55	51	47	44	39	34	28
SP6005-175	13	17.5	1/2.5	98	96	94	88	82	76	70	66	61	56	50	44	36
SP6006-8-200	15	20	1/2	108	106	104	97	90	84	77	72	66	60	54	46	37
SP6006-260	18.5	25	1/1.5	117	115	112	105	97	90	84	78	73	67	60	52	43
SP6007-260	18.5	25	1/1.5	134	132	129	121	113	106	98	91	85	78	70	61	51
SP6008-300	22	30	1/1.25	156	153	149	140	131	122	113	106	98	91	83	72	61
SP6009-8-300	22	30	1/2	168	165	161	152	142	132	123	114	105	96	86	75	62
SP6009-350	26	35	1/1.75	174	171	167	157	146	136	126	117	109	101	90	77	65
SP6010-350	26	35	1/1.75	189	186	182	172	160	148	138	129	120	110	99	86	72
SP6011-400	30	40	1/1.5	214	209	204	190	177	166	155	146	136	126	114	100	84
SP6012-500	37	50	1/1.25	236	232	226	213	200	187	175	164	153	142	129	114	97
SP6013-500	37	50	1/1.25	255	250	245	230	215	200	186	174	163	152	138	121	104
SP6014-500	37	50	1/1.25	272	267	261	246	230	214	200	187	176	163	149	131	109
SP6015-600	45	60	1/1	294	289	283	267	249	230	215	200	187	173	158	140	118
SP6016-600	45	60	1/1	309	304	297	283	266	246	228	212	198	183	166	148	126
SP6017-600	45	60	1/1	328	322	316	299	279	259	240	223	208	192	175	157	131

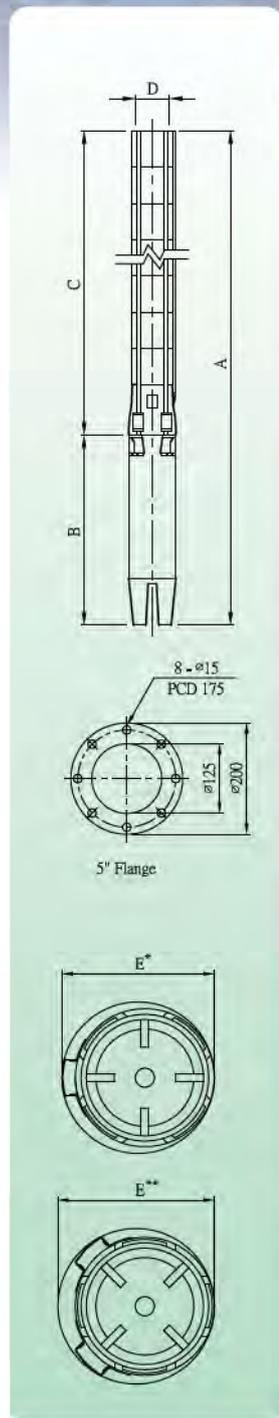
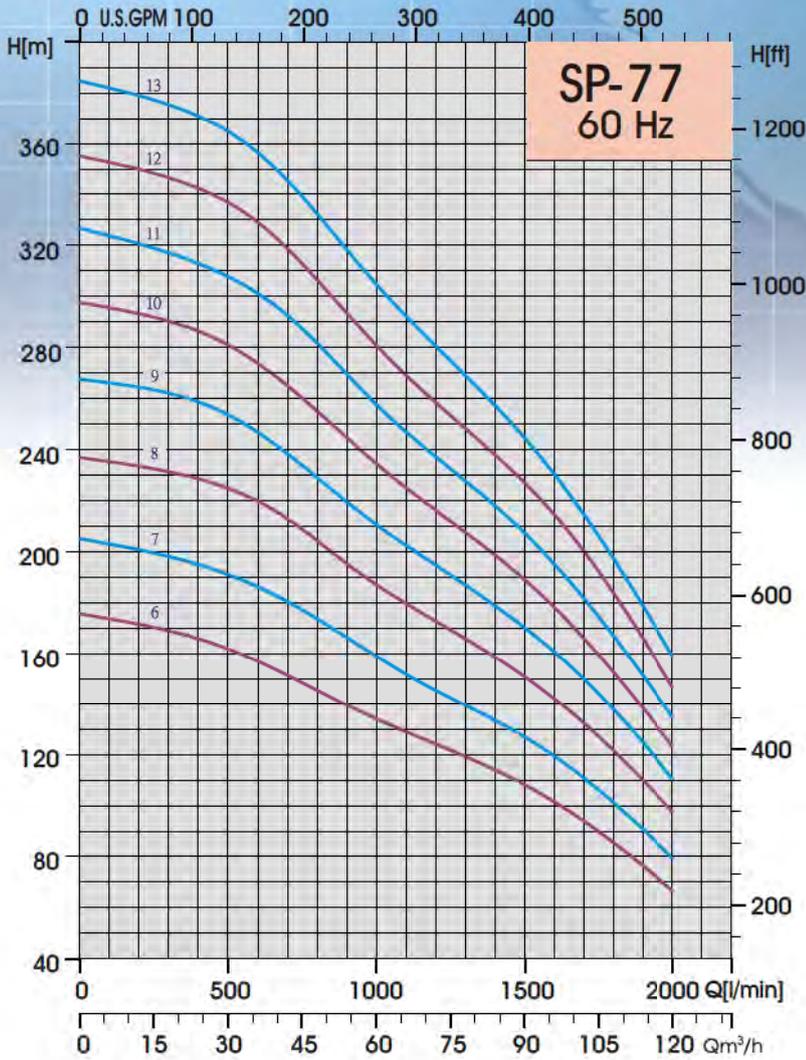
Performance curves



Pump Type	Motor P2		Max. current Amp		Q capacity 3450 rpm													
	KW	HP	230V	380V	m³/h	18	24	30	36	42	48	60	72	84	96	108	120	
					l/min	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000	
SP-77-1	5.5	7.5	24.6	15	HEAD IN METERS	28	27	26	25	24	23	21	19	18	16	13	10	
SP-77-2-BA	7.5	10	32.2	19.5		39	38	37	36	35	34	31	27	22	17	10	3	
SP-77-2A	9.3	12.5	42.3	25.6		49	48	47	46	44	42	39	36	32	27	21	15	
SP-77-2	11	15	47.4	28.6		56	55	54	52	50	47	44	40	37	33	28	22	
SP-77-3-AA	13	17.5	55	33.3		68	66	64	62	60	58	54	49	43	35	26	16	
SP-77-3-A	15	20	60.6	36.6		76	75	73	71	69	66	61	55	50	43	34	25	
SP-77-3	18.5	25	75	45		84	83	80	78	75	72	66	61	56	50	42	33	
SP-77-4-B	18.5	25	75	45		102	100	98	95	92	88	80	73	65	56	45	32	
SP-77-4	22	30	90.4	54.7		113	112	109	106	103	98	89	82	75	68	57	44	
SP-77-5-BB	22	30	90.4	54.7		122	119	116	114	110	106	97	88	78	66	51	35	
SP-77-5	26	35	106.6	64.5		141	138	135	131	126	121	112	103	95	85	72	56	
SP-77-6-B	30	40	124	75		158	156	152	147	142	136	125	115	104	92	76	57	
SP-77-6	37	50	154	93		169	166	162	157	151	146	134	124	114	101	86	67	
SP-77-7	37	50	154	93	198	195	191	186	180	174	159	146	133	120	101	80		
SP-77-8	45	60	172	104	231	228	225	220	213	204	187	172	159	141	121	98		
SP-77-9	55	75	214	130	262	259	254	247	238	229	210	195	179	160	138	110		
SP-77-10	55	75	214	130	290	287	281	274	265	255	235	217	199	178	152	123		
SP-77-11	63	85	266	161	317	313	308	301	293	282	258	237	218	196	168	135		
SP-77-12	63	85	266	161	347	342	337	330	319	307	280	259	238	215	183	147		
SP-77-13	75	100	284	172	375	370	365	357	346	332	305	280	258	230	198	160		



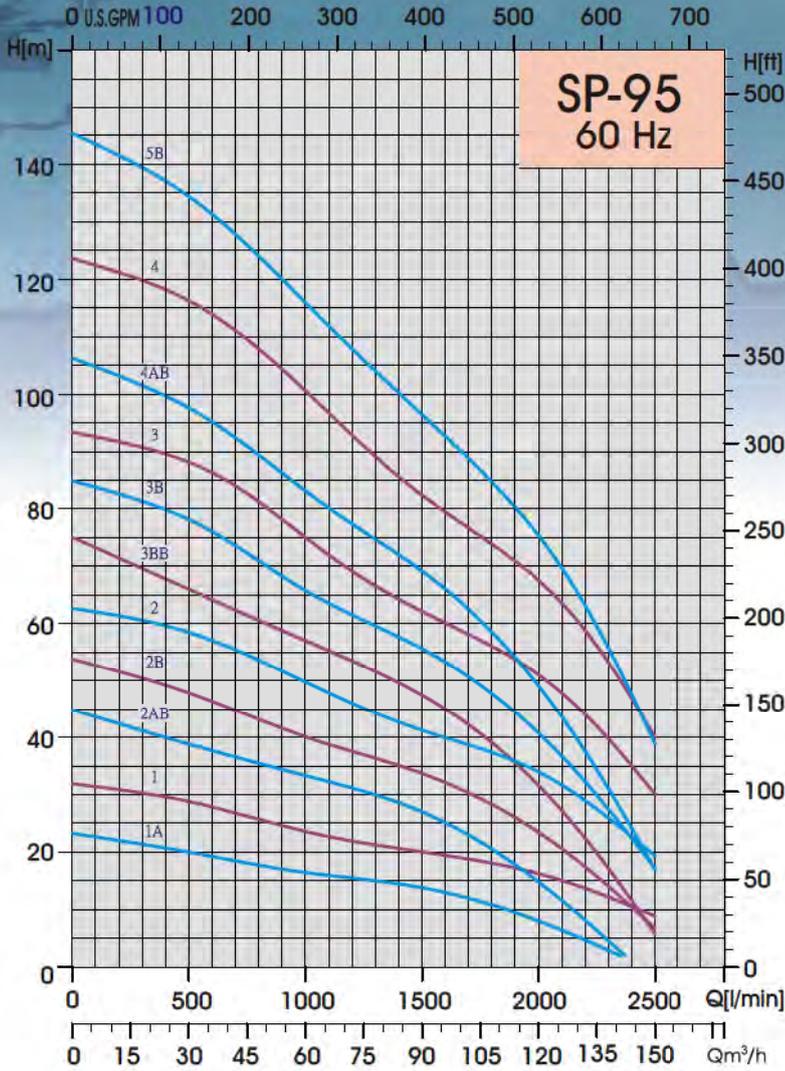
Performance curves



Pump Type	Dimensions(mm)										Net Weight (Kg)	
	5" Connection (RP,NPT)					5" Flange					Pump	Motor
	A	B	C	E*	E**	A	B	C	E*	E**		
SP-77-1	1232	614	618	178	186	1232	614	618	200	200	25.1	48
SP-77-2-BA	1392	646	746	178	186	1392	646	746	200	200	28.7	52
SP-77-2A	1457	711	746	178	186	1457	711	746	200	200	28.7	58
SP-77-2	1457	711	746	178	186	1457	711	746	200	200	28.7	58
SP-77-3-AA	1650	776	874	178	186	1650	776	874	200	200	32.3	64
SP-77-3-A	1650	776	874	178	186	1650	776	874	200	200	32.3	64
SP-77-3	1715	841	874	178	186	1715	841	874	200	200	32.3	70
SP-77-4-B	1844	841	1003	178	186	1844	841	1003	200	200	35.9	70
SP-77-4	1909	906	1003	178	186	1909	906	1003	200	200	35.9	76
SP-77-5-BB	2037	906	1131	178	186	2037	906	1131	200	200	39.5	76
SP-77-5	2167	1036	1131	178	186	2167	1036	1131	200	200	39.5	92
SP-77-6-B	2295	1036	1259	178	186	2295	1036	1259	200	200	43	92
SP-77-6	2664	1405	1259	178	186	2664	1405	1259	200	200	43	136
SP-77-7	2792	1405	1387	178	186	2792	1405	1387	200	200	46.6	136
SP-77-8	2589	1062	1527	200	204	2589	1062	1527	205	205	51.6	175
SP-77-9	2859	1204	1655	200	204	2859	1204	1655	205	205	55.2	193
SP-77-10	2987	1204	1783	200	204	2987	1204	1783	205	205	58.8	193
SP-77-11	3544	1633	1911	200	204	3544	1633	1911	205	205	62.4	249
SP-77-12	3672	1633	2039	200	204	3672	1633	2039	205	205	66	249
SP-77-13	3562	1394	2168	200	204	3562	1394	2168	205	205	69.6	213

E* : Maximum diameter of pump with one motor cable
 E** : Maximum diameter of pump with two motor cable

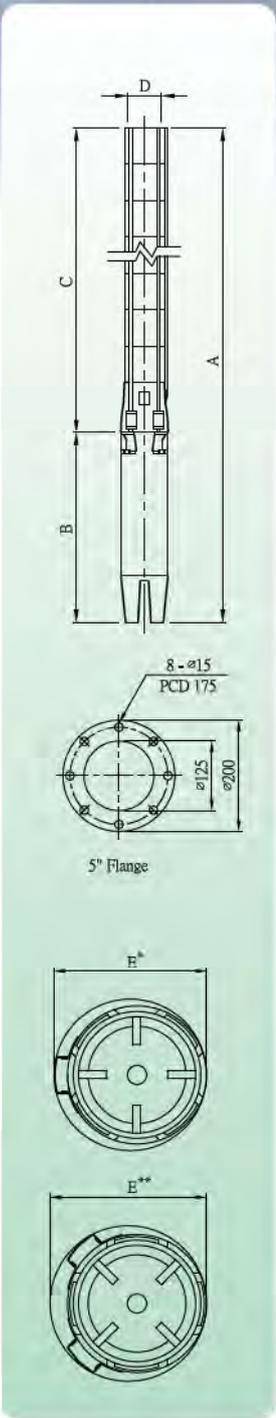
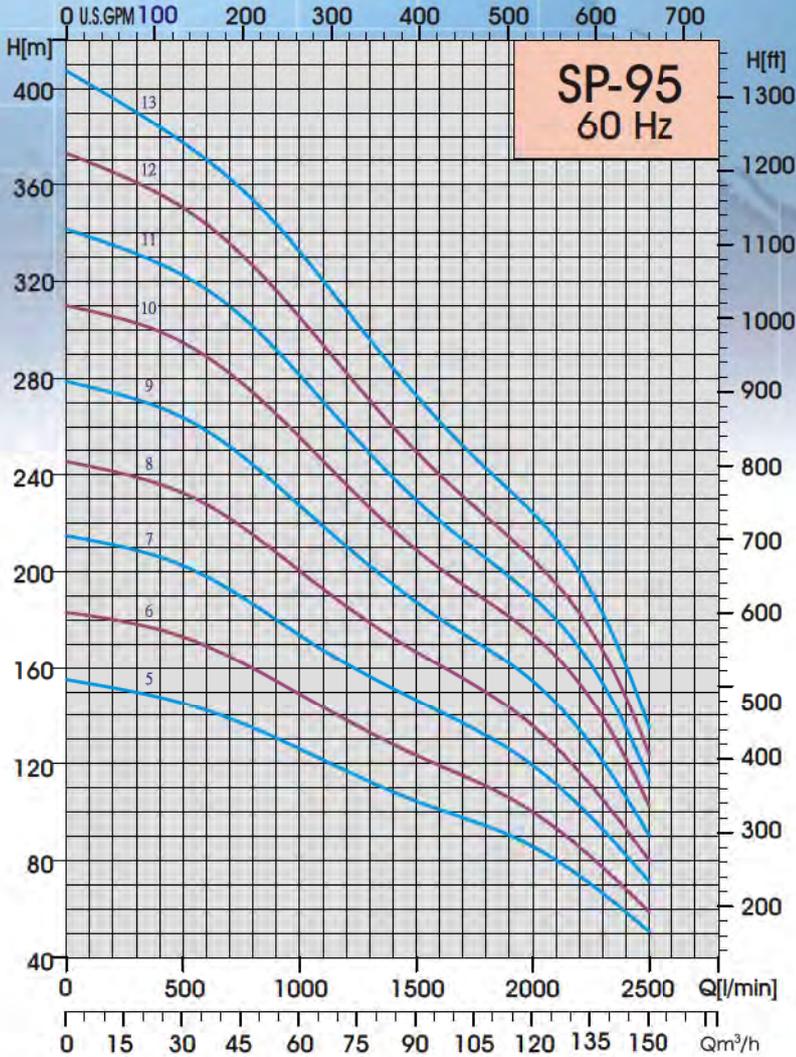
Performance curves



Pump Type	Motor P2		Max.current Amp		Q capacity 3450 rpm														
	KW	HP	230V	380V	m³/h	18	30	42	54	66	78	90	102	114	126	138	150		
SP-95-1A	5.5	7.5	24.6	15	21	20	18	17	16	15	14	12	9	6	3				
SP-95-1	7.5	10	32.2	19.5	30	29	26	25	23	21	20	19	17	15	12	9			
SP-95-2-AB	9.3	12.5	42.3	25.6	41	39	36	34	32	30	27	23	18	12	5				
SP-95-2-B	11	15	47.4	28.6	50	48	45	42	39	36	34	30	26	20	14	7			
SP-95-2	13	17.5	55	33.3	60	58	55	51	48	44	41	38	36	32	26	19			
SP-95-3-BB	15	20	60.6	36.6	70	66	62	59	55	51	47	42	35	27	17	6			
SP-95-3B	18.5	25	75	45	81	78	74	68	64	60	55	51	45	37	27	17			
SP-95-3	22	30	90.4	54.7	91	88	84	78	72	66	62	58	54	48	40	30			
SP-95-4-AB	22	30	90.4	54.7	102	97	92	86	80	75	69	63	54	44	31	17			
SP-95-4	26	35	106.6	64.5	120	116	111	105	97	89	82	77	71	64	53	40			
SP-95-5-B	30	40	124	75	140	135	128	120	112	104	96	89	80	70	55	39			
SP-95-5	37	50	154	93	150	145	139	130	121	112	105	98	90	80	67	50			
SP-95-6	37	50	154	93	178	172	165	154	143	132	123	115	106	93	77	59			
SP-95-7	45	60	172	104	209	202	192	180	167	156	147	137	126	111	92	71			
SP-95-8	55	75	214	130	239	232	221	208	192	179	167	156	143	127	105	80			
SP-95-9	63	85	266	161	271	263	251	236	220	201	188	174	161	145	120	90			
SP-95-10	63	85	266	161	302	295	281	265	246	227	210	194	180	165	140	103			
SP-95-11	75	100	284	172	331	322	310	291	270	250	230	213	198	180	153	114			
SP-95-12	93	125	376	228	360	350	335	316	294	270	250	231	214	195	168	124			
SP-95-13	93	125	376	228	390	378	362	344	320	296	272	252	233	213	182	136			



Performance curves

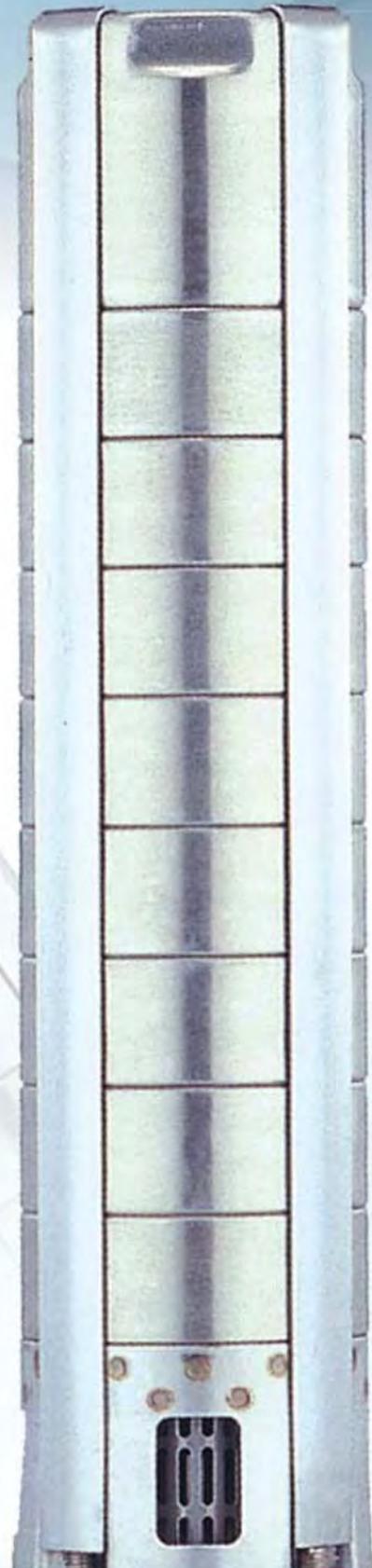


Pump Type	Dimensions(mm)										Net Weight (Kg)	
	5" Connection (RP,NPT)					5" Flange					Pump	Motor
	A	B	C	E*	E**	A	B	C	E*	E**		
SP-95-1A	1232	614	618	179	183	1232	614	618	200	200	25.1	48
SP-95-1	1264	646	618	179	183	1264	646	618	200	200	25.1	52
SP-95-2-AB	1457	711	746	179	183	1457	711	746	200	200	28.7	58
SP-95-2-B	1457	711	746	179	183	1457	711	746	200	200	28.7	58
SP-95-2	1522	776	746	179	183	1522	776	746	200	200	28.7	64
SP-95-3-BB	1650	776	874	179	183	1650	776	874	200	200	32.3	64
SP-95-3B	1715	841	874	179	183	1715	841	874	200	200	32.3	70
SP-95-3	1780	906	874	179	183	1780	906	874	200	200	32.3	76
SP-95-4-AB	1909	906	1003	179	183	1909	906	1003	200	200	35.9	76
SP-95-4	2039	1036	1003	179	183	2039	1036	1003	200	200	35.9	92
SP-95-5-B	2167	1036	1131	179	183	2167	1036	1131	200	200	39.5	92
SP-95-5	2536	1405	1131	179	183	2536	1405	1131	200	200	39.5	136
SP-95-6	2664	1405	1259	179	183	2664	1405	1259	200	200	43	136
SP-95-7	2460	1062	1398	205	205	2460	1062	1398	200	202	48	175
SP-95-8	2731	1204	1527	205	205	2731	1204	1527	200	202	51.6	193
SP-95-9	3288	1633	1655	205	205	3288	1633	1655	200	202	55.2	249
SP-95-10	3416	1633	1783	205	205	3416	1633	1783	200	202	58.8	249
SP-95-11	3305	1394	1911	205	205	3305	1394	1911			62.4	213
SP-95-12	3787	1748	2039	205	205	3787	1748	2039			66	318
SP-95-13	3916	1748	2168	205	205	3916	1748	2168			69.6	318

E*: Maximum diameter of pump with one motor cable
 E**: Maximum diameter of pump with two motor cable



**10" SUPER
STAINLESS STEEL
SUBMERSIBLE
DEEP WELL
PUMPS**



Designation

Series ——— SP 30 09 — 100

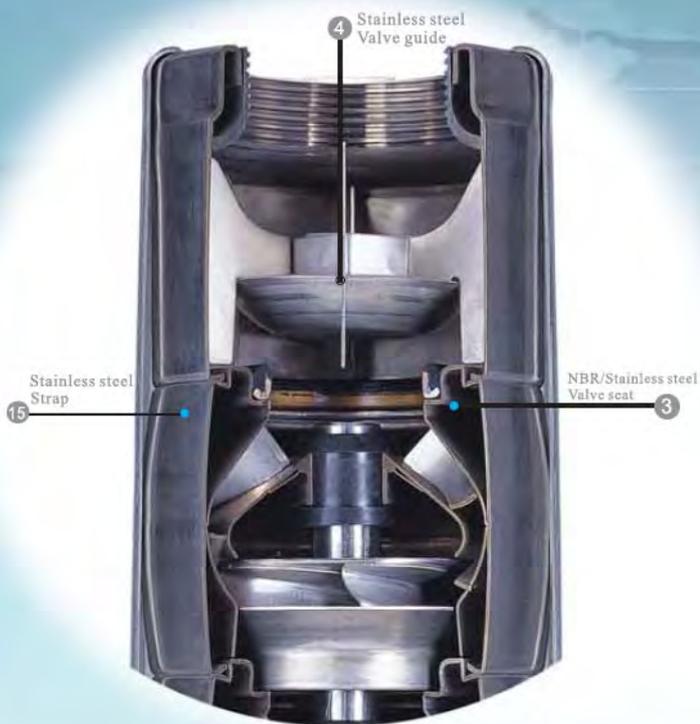
Flow rate in M³/hr. ———

Number of stages ———

Horse power (100/10=10HP) ———

Materials of Construction

Component	Materials	Standard
1 Valve casing	Stainless steel	304
2 Valve con	Stainless steel	304
3 Valve seat	NBR/Stainless steel	304
4 Valve guide	Stainless steel	304
5 Diffuser	Stainless steel	304
6 Neck ring	NBR	
7 Diffuser Bearing	NBR	
8 Split cone nut	Stainless steel	304
9 Split cone	Stainless steel	304
10 Impeller	Stainless steel	304
11 Suction inter connector	Stainless steel	304
12 Strainer	Stainless steel	304
13 Shaft	Stainless steel	431
14 Coupling	Stainless steel	420
15 Strap	Stainless steel	304
16 Nut for strap	Stainless steel	304



13 Stainless steel
14 Coupling and Shaft



12 Stainless steel
Suction strainer



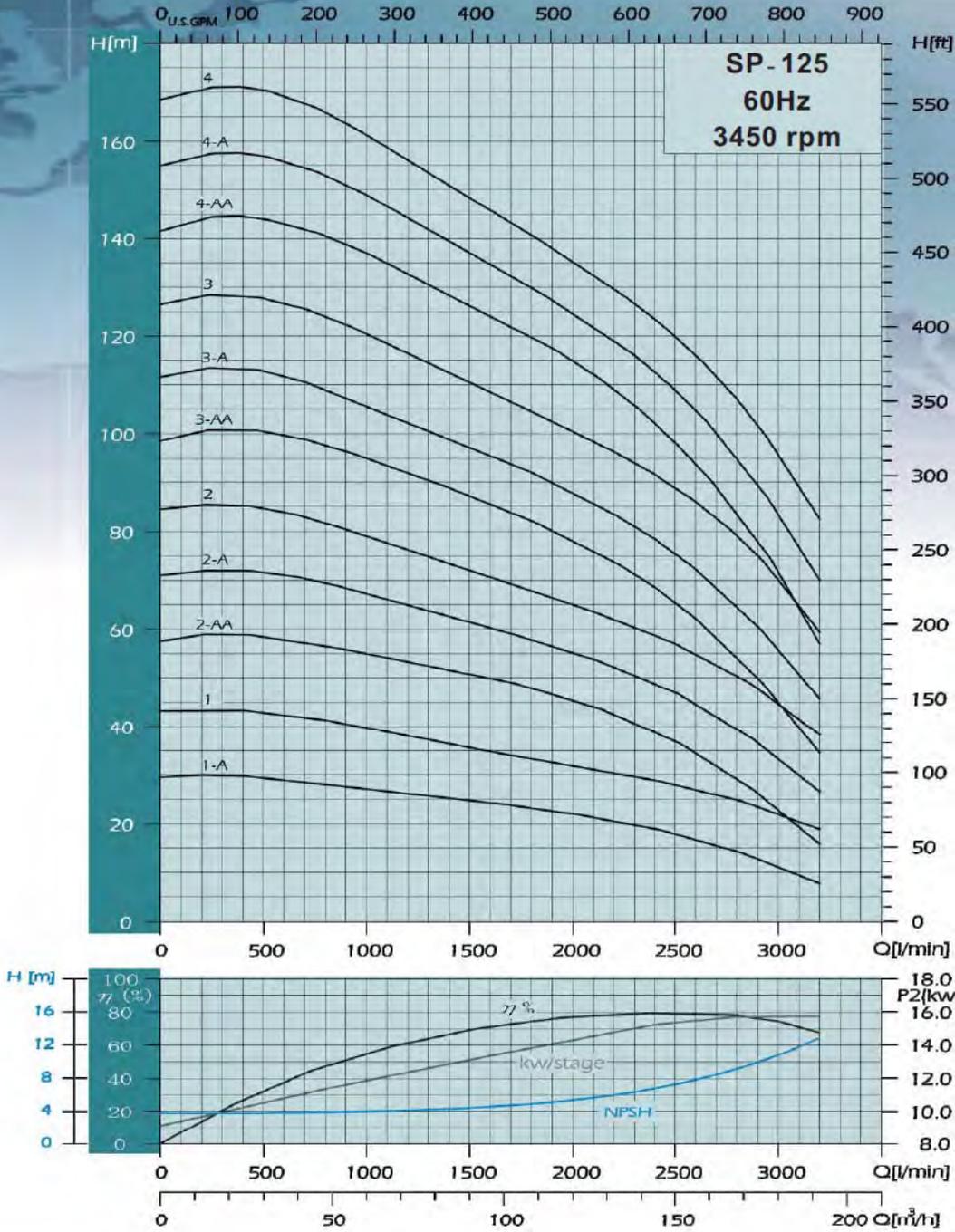
6 NBR Neck ring



1 Stainless steel
Valve casing

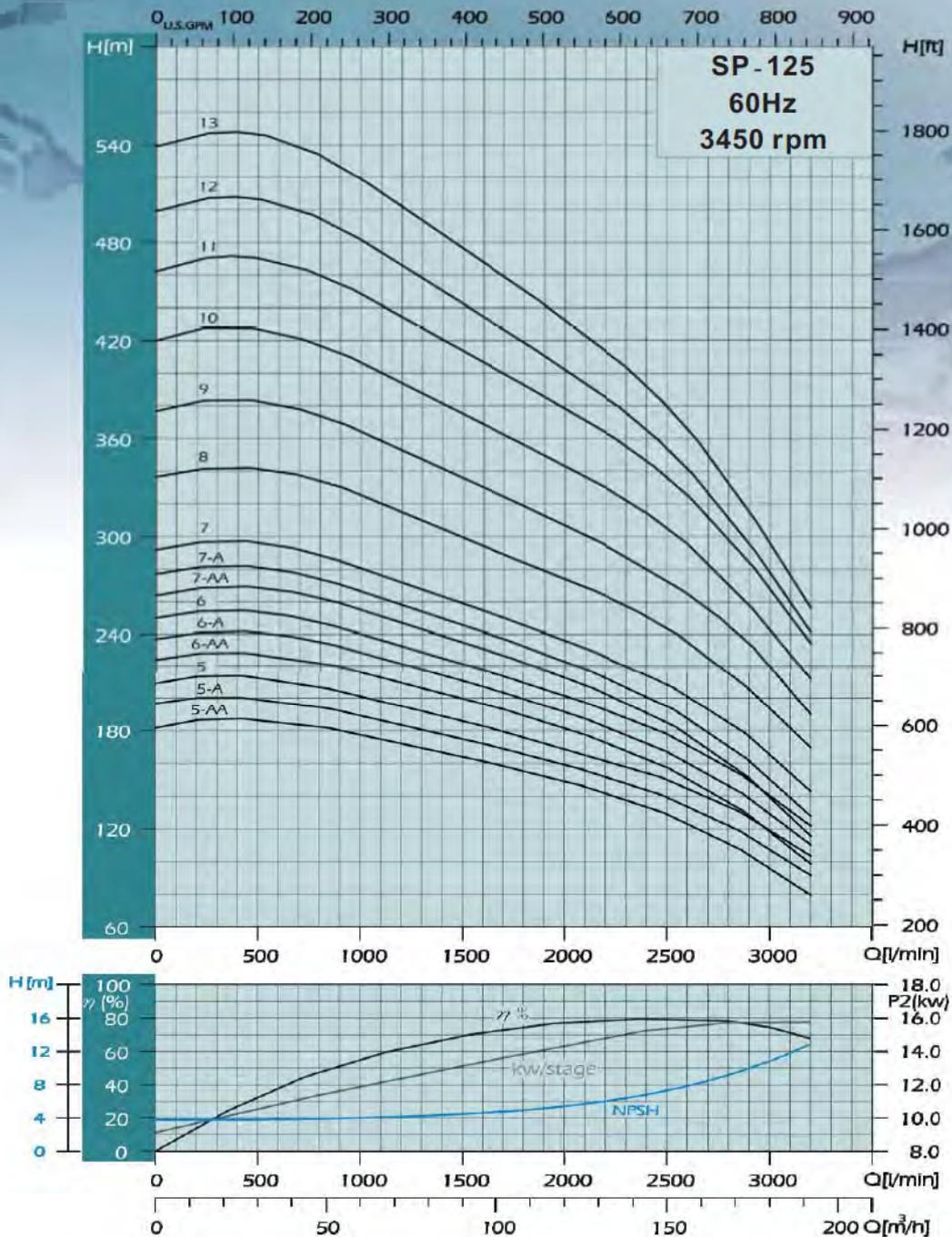


Performance curves



Pump Type	Motor		Max. current		Q capacity 3450 rpm													Weight Kg
	P2		Amp		m³/h l/min	48	60	72	84	96	108	120	132	144	156	168	180	
	kw	HP	230V	380V		800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
SP-125-1-A	11	15	47.4	28.6	HEAD IN METERS	28	27	26	25	24	23	22	21	19	17	14	11	29.20
SP-125-1	18.5	25	75	45		41	40	38	46	35	34	32	31	29	27	25	22	29.26
SP-125-2-AA	22	30	90.4	54.7		57	55	58	52	50	48	46	43	39	35	29	23	35.64
SP-125-2-A	26	35	106.6	64.5		69	67	65	63	60	58	55	53	49	45	40	34	35.70
SP-125-2	30	40	124	75		82	79	76	73	71	68	65	63	59	55	51	45	42.06
SP-125-3-AA	37	50	154	93		98	95	92	89	86	82	78	74	69	62	55	45	46.94
SP-125-3-A	37	50	154	93		109	107	103	99	96	92	88	83	78	72	65	56	47.00
SP-125-3	45	60	172	104		124	121	117	113	108	105	101	96	92	86	79	71	47.06
SP-125-4-AA	55	75	214	130		141	137	133	139	124	120	115	109	102	94	84	72	51.94
SP-125-4-A	55	75	214	130		153	149	144	140	135	130	125	119	113	105	95	84	52.00

Performance curves



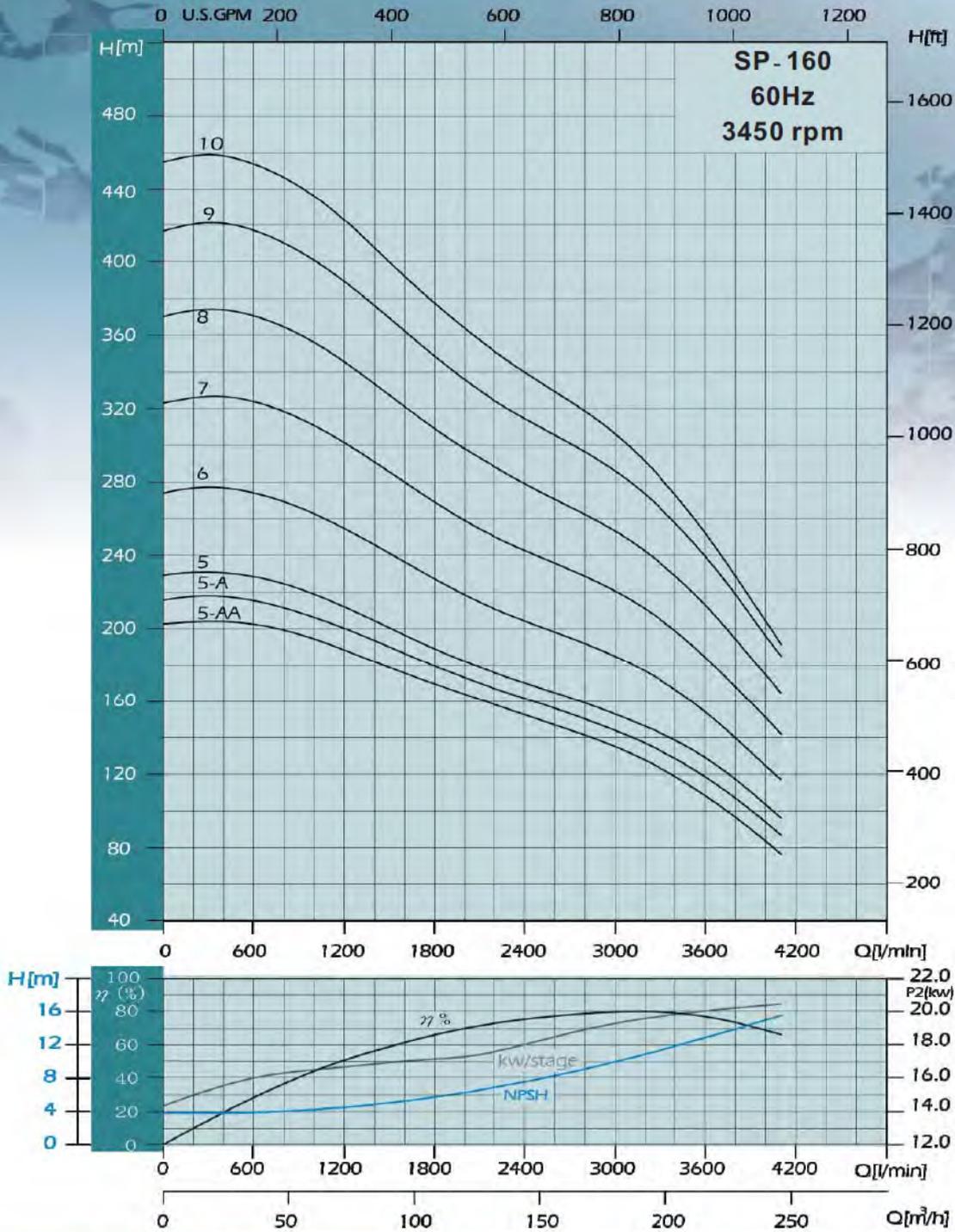
Pump Type	Motor		Max. current		Q capacity 3450 rpm														Weight Kg
	P 2		Amp		m³/h l/min	48	60	72	84	96	108	120	132	144	156	168	180		
	kw	HP	230V	380V		800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000		
SP-125-5-AA	75	100	284	172	HEAD IN METER	182	178	173	167	161	155	149	142	133	123	111	97	56.94	
SP-125-5-A	75	100	284	172		195	190	185	178	171	165	159	152	143	135	122	108	57.00	
SP-125-5	75	100	284	172		207	202	196	190	183	176	169	162	155	145	134	120	57.06	
SP-125-6-AA	75	100	284	172		223	217	210	204	196	190	182	173	163	151	137	119	61.94	
SP-125-6-A	93	125	376	228		235	229	222	215	208	200	192	183	173	160	147	130	62.00	
SP-125-6	93	125	376	228		247	241	233	225	218	210	202	193	183	171	157	141	62.06	
SP-125-7-AA	93	125	376	228		262	256	248	240	231	222	213	203	192	177	161	140	66.94	
SP-125-7-A	93	125	376	228		274	267	258	250	241	233	223	213	201	188	171	151	67.00	
SP-125-7	110	150	440	266		288	281	273	263	255	246	236	226	215	201	185	166	67.06	
SP-125-8	132	175				334	326	315	305	294	284	274	263	251	236	217	194		

Performance curves



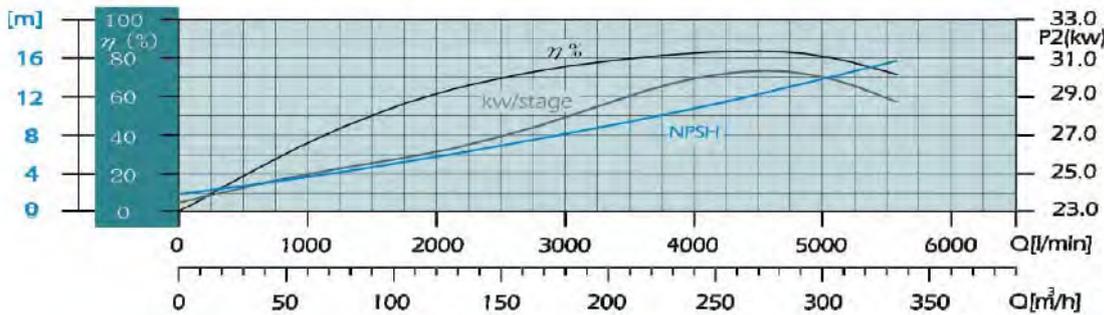
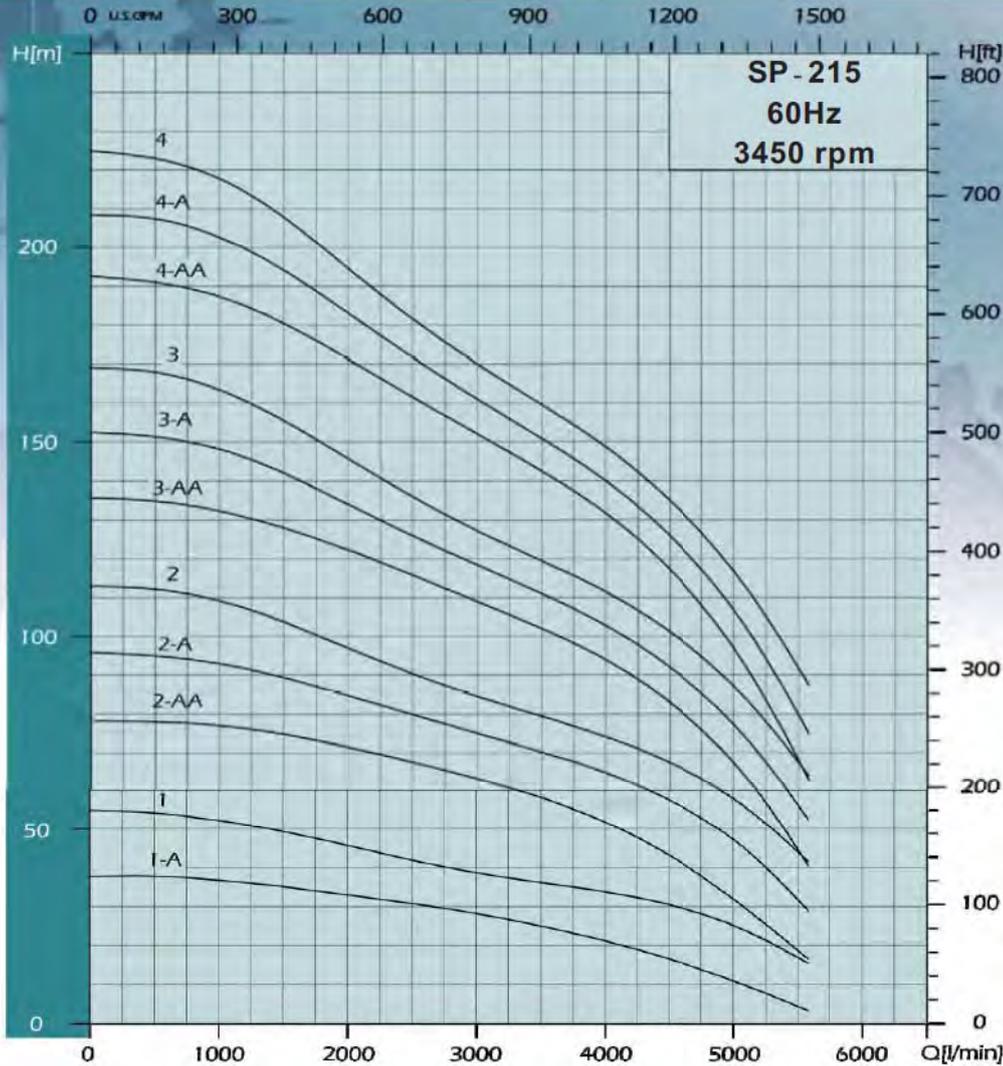
Pump Type	Motor		Max. current		Q capacity 3450 rpm													Weight Kg
	P 2		Amp		m³/h	36	54	72	90	108	126	144	162	180	198	216	234	
	kw	HP	230V	380V	l/min	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	
SP-160-1-A	15	20	60.6	36.6	HEAD IN METERS	32	31	29	27	26	24	23	21	19	17	13	9	30.40
SP-160-1	22	30	90.4	54.7		47	46	44	40	37	35	33	31	29	28	25	21	30.40
SP-160-2-AA	26	35	106.6	64.5		64	62	59	56	53	50	48	45	41	35	28	20	36.74
SP-160-2-A	37	50	154	93		79	77	74	70	65	62	58	55	51	47	41	33	36.82
SP-160-2	37	50	154	93		93	90	85	80	75	70	67	63	60	56	50	43	36.82
SP-160-3-AA	45	60	172	104		111	108	104	99	93	88	83	78	73	66	57	46	44.48
SP-160-3-A	55	75	214	130		126	122	118	111	105	99	94	89	84	77	68	57	44.56
SP-160-3	55	75	214	130		140	136	130	123	115	108	103	98	93	87	79	68	44.56
SP-160-4-AA	63	85	266	161		157	153	147	140	132	125	119	112	105	96	83	68	50.90
SP-160-4-A	75	100	284	172		172	167	160	152	143	136	129	122	115	107	95	80	50.98

Performance curves



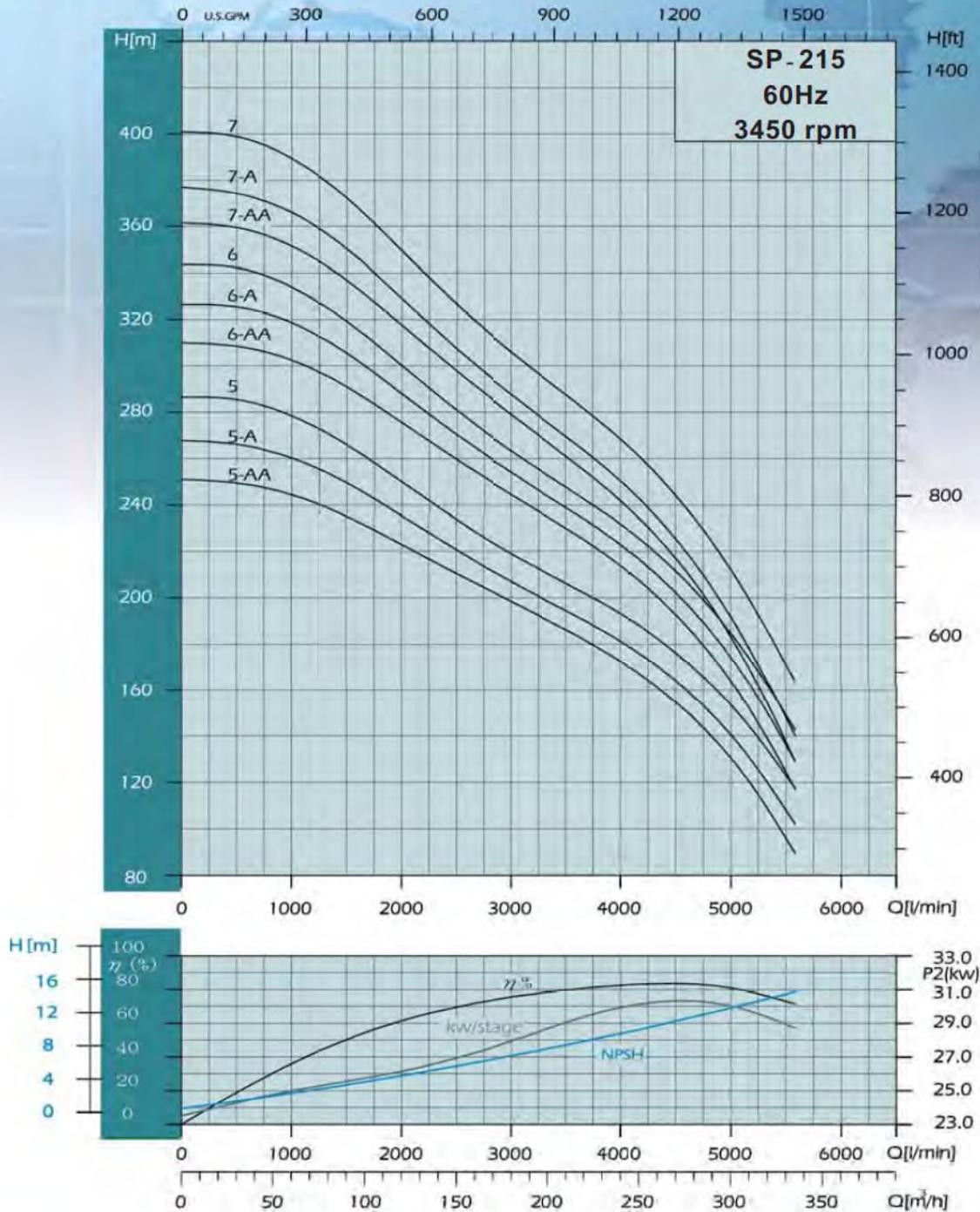
Pump Type	Motor		Max.current		Q capacity 3450 rpm														Weight Kg
	P 2		Amp		m³/h	36	54	72	90	108	126	144	162	180	198	216	234		
	kw	HP	230V	380V	l/min	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900		
SP-160-5-AA	92	125	376	228	HEAD IN METERS	202	197	188	179	170	161	153	144	135	124	108	90	57.32	
SP-160-5-A	92	125	376	228		216	209	201	191	180	170	162	153	144	133	119	101	57.40	
SP-160-5	92	125	376	228		228	222	212	201	189	178	170	162	153	143	129	111	57.40	
SP-160-6	110	150	440	266		274	267	255	242	227	215	206	195	185	172	154	133	63.82	
SP-160-7	132	175				323	315	302	286	269	255	242	232	221	205	184	160	83.36	
SP-160-8	147	200				370	361	346	328	309	293	279	267	254	235	213	185	89.78	
SP-160-9	170	230				417	406	389	369	348	330	314	301	286	266	239	208	96.20	
SP-160-10	185	250				454	442	423	400	377	357	340	324	306	282	252	217		

Performance curves



Pump Type	Motor	Max.current		Q capacity 3450 rpm													Weight Kg
	P 2	Amp		m³/h 1/min	30	60	90	120	150	180	210	240	270	300	330		
		kw	HP		230V	380V	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	
SP-215-1-A	22	30	90.4	54.7	38	37	35	33	31	28	25	21	16	11	5	46.08	
SP-215-1	30	40	124	75	54	52	49	46	42	38	36	34	30	25	17	46.08	
SP-215-2-AA	45	60	172	104	78	77	74	71	67	63	58	52	43	32	19	55.78	
SP-215-2-A	55	75	214	130	95	93	89	85	80	75	70	65	57	47	33	55.78	
SP-215-2	63	85	266	161	112	109	103	97	90	84	79	74	67	58	45	55.78	
SP-215-3-AA	75	100	284	172	135	132	128	122	116	109	102	94	83	67	46	65.60	
SP-215-3-A	93	125	376	228	151	148	142	134	126	118	111	103	92	77	57	65.60	
SP-215-3	93	125	376	228	168	163	155	146	132	127	119	111	101	87	69	65.60	
SP-215-4-AA	110	150	440	266	191	187	180	171	161	152	142	131	117	97	70	75.42	
SP-215-4-A	110	150	440	266	207	202	194	183	171	161	151	140	126	107	81	75.42	

Performance curves



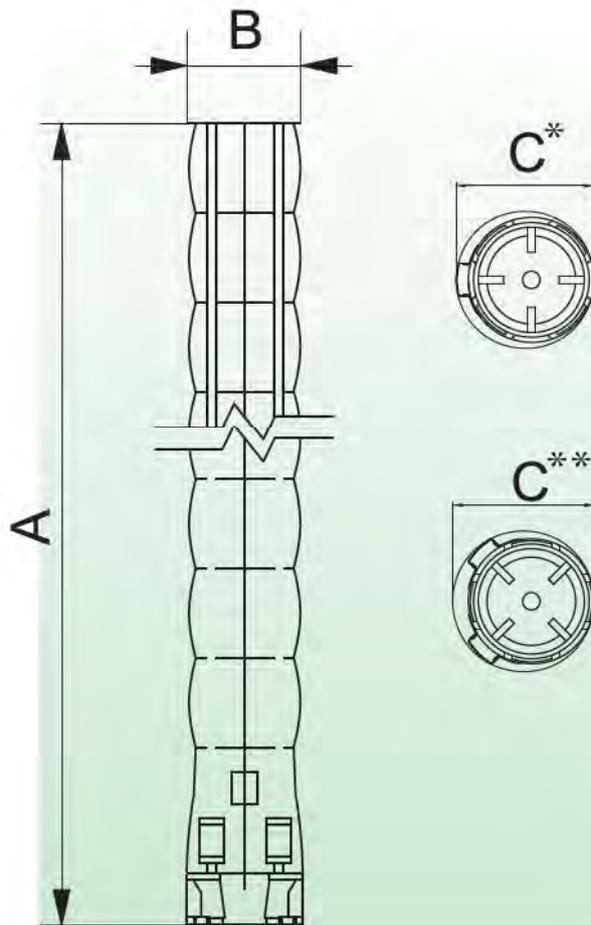
Pump Type	Motor	Max.current		Q capacity 3450 rpm													Weight Kg
	P 2 kw HP	Amp		m³/h	30	60	90	120	150	180	210	240	270	300	330		
		230V	380V	l/min	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500		
SP-215-5-AA	132 175			HEAD IN METERS	249	244	235	223	210	198	186	172	154	130	98	90.76	
SP-215-5-A	132 175				266	260	249	235	221	207	194	181	164	140	110	90.76	
SP-215-5	147 200				285	278	266	250	233	219	206	193	176	153	125	90.76	
SP-215-6-AA	170 230				308	302	291	275	260	244	230	214	192	164	126	101.00	
SP-215-6-A	170 230				325	318	305	288	270	254	239	223	202	174	138	101.00	
SP-215-6	170 230				342	334	319	300	281	263	248	232	211	185	151	101.00	
SP-215-7-AA	185 250				359	351	337	317	297	279	261	242	217	183	140		
SP-215-7-A	185 250				374	366	350	329	307	287	270	250	225	192	150		
SP-215-7	220 300				399	389	372	349	326	306	287	268	244	212	174		

Dimensions (mm)

Pump Type	B 6"Connection(RP)			B 6"Flange		
	A	C*	C**	A	C*	C**
SP-125-1-A	652	211	215	652	222	226
SP-125-1	652	211	215	652	222	226
SP-125-2-AA	807	211	215	807	222	226
SP-125-2-A	807	211	215	807	222	226
SP-125-2	807	211	215	807	222	226
SP-125-3-AA	963	211	215	963	222	226
SP-125-3-A	963	211	215	963	222	226
SP-125-3	963	213	219	963	229	232
SP-125-4-AA	1118	213	219	1118	229	232
SP-125-4-A	1118	213	219	1118	229	232
SP-125-4	1118	213	219	1118	229	232
SP-125-5-AA	1274	213	219			
SP-125-5-A	1274	213	219			
SP-125-5	1274	213	219			
SP-125-6-AA	1429	213	219			
SP-125-6-A	1429	213	219			
SP-125-6	1429	213	219			
SP-125-7-AA	1585	213	219			
SP-125-7-A	1585	213	219			
SP-125-7	1585	213	219			
SP-125-8						
SP-125-9						
SP-125-10						
SP-125-11						
SP-125-12						
SP-125-13						

Pump Type	B 6"Connection(RP)			B 6"Flange		
	A	C*	C**	A	C*	C**
SP-160-1-A	652	211	215	652	222	226
SP-160-1	652	211	215	652	222	226
SP-160-2-AA	807	211	215	807	222	226
SP-160-2-A	807	211	215	807	222	226
SP-160-2	807	211	215	807	222	226
SP-160-3-AA	963	213	219	963	229	232
SP-160-3-A	963	213	219	963	229	232
SP-160-3	963	213	219	963	229	232
SP-160-4-AA	1118	213	219			
SP-160-4-A	1118	213	219			
SP-160-4	1118	213	219			
SP-160-5-AA	1274	213	219			
SP-160-5-A	1274	213	219			
SP-160-5	1274	213	219			
SP-160-6	1429	213	219			
SP-160-7	1715	227	247			
SP-160-8	1870	227	247			
SP-160-9	2026	227	247			

Pump Type	B 6"Connection(RP)			B 6"Flange		
	A	C*	C**	A	C*	C**
SP-215-1-A	771.7	237	241			
SP-215-1	771.7	237	241			
SP-215-2-AA	947.7	237	241			
SP-215-2-A	947.7	237	241			
SP-215-2	947.7	237	241			
SP-215-3-AA	1123.7	237	241			
SP-215-3-A	1123.7	237	241			
SP-215-3	1123.7	237	241			
SP-215-4-AA	1299.7	237	241			
SP-215-4-A	1299.7	237	241			
SP-215-4	1299.7	237	274			
SP-215-5-AA	1475.7	262	274			
SP-215-5-A	1475.7	262	274			
SP-215-5	1475.7	262	274			
SP-215-6-AA	1651.7	262	274			
SP-215-6-A	1651.7	262	274			
SP-215-6	1651.7	262				
SP-215-7-AA						
SP-215-7-A						
SP-215-7						



C* = Maximum diameter of pump with one motor cable



www.apecpump.com

APEC PUMP