

6SP

Typical Applications

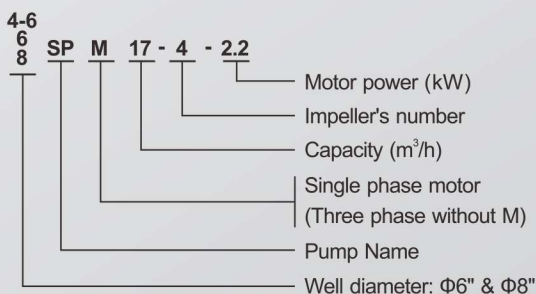
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

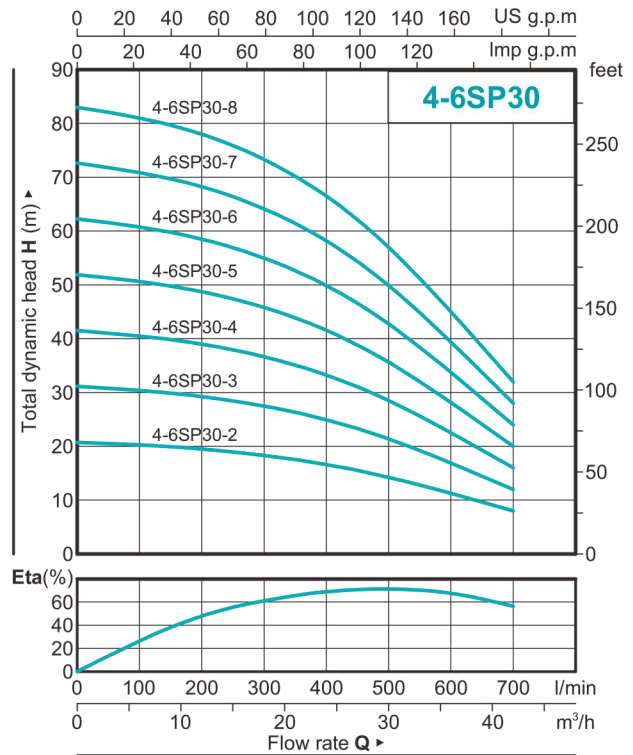
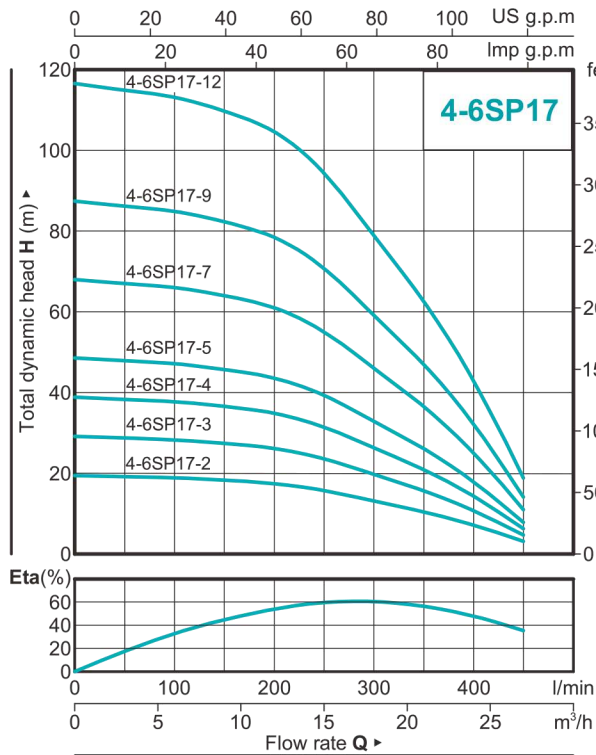
Model	Q.max	Capacity arrange	Total head arrange
6SP17	30	6~24	453~19
6SP30	52	12~36	298~13
6SP46	75	18~54	248~14
6SP60	82	18~66	214~6
8SP77	115	24~84	387~22
8SP95	125	36~108	302~15

Motor

- Adopted the NEMA standard
- Continuous service
- Power: 2.2~5.5kW(Single phase)
- Power: 2.2~30kW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: $\Phi 6"$ & $\Phi 8"$
- Highest temperature of liquid: 40°C



4-6SP17/4-6SP30



PERFORMANCE DATA 50Hz

Outlet: G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24	27
					l/min	0	50	100	150	200	250	300	350	400	450
4-6SPM17-2	4-6SP17-2	1.1	1.5	H(m)	19	19	19	18	17	16	13	10	7	3	
4-6SPM17-3	4-6SP17-3	1.5	2		29	29	28	27	26	24	20	16	11	5	
4-6SPM17-4	4-6SP17-4	2.2	3		39	38	38	37	35	31	26	21	14	6	
-	4-6SP17-5	3	4		49	48	47	46	44	39	33	26	18	8	
-	4-6SP17-7	4	5.5		68	67	66	64	61	55	46	37	25	11	
-	4-6SP17-9	5.5	7.5		87	86	85	82	78	71	59	47	32	14	
-	4-6SP17-12	7.5	10		117	115	113	110	105	94	79	63	43	19	

PERFORMANCE DATA 50Hz

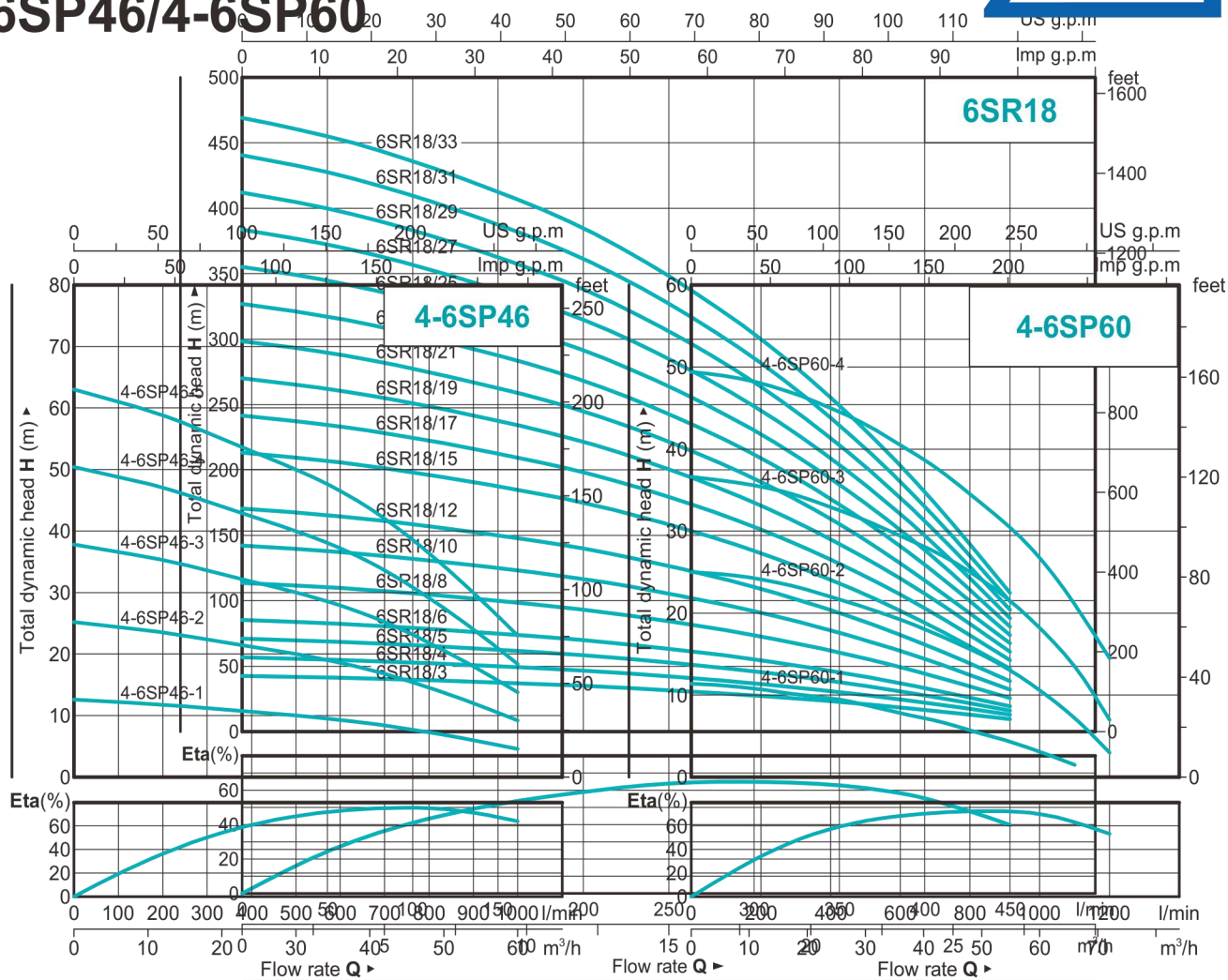
Outlet: G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	6	12	18	24	30	36	42
					l/min	0	100	200	300	400	500	600	700
4-6SPM30-2	4-6SP30-2	2.2	3	H(m)	21	20	20	18	17	14	11	8	
-	4-6SP30-3	3	4		31	30	29	27	25	21	17	12	
-	4-6SP30-4	4	5.5		42	41	39	37	33	29	23	16	
-	4-6SP30-5	5	7		52	51	49	46	42	36	28	20	
-	4-6SP30-6	5.5	7.5		62	61	59	55	50	43	34	24	
-	4-6SP30-7	7.5	10		73	71	68	64	58	50	39	28	
-	4-6SP30-8	7.5	10		83	81	78	73	67	57	45	32	

6SR18



4-6SP46/4-6SP60



PERFORMANCE DATA 50Hz

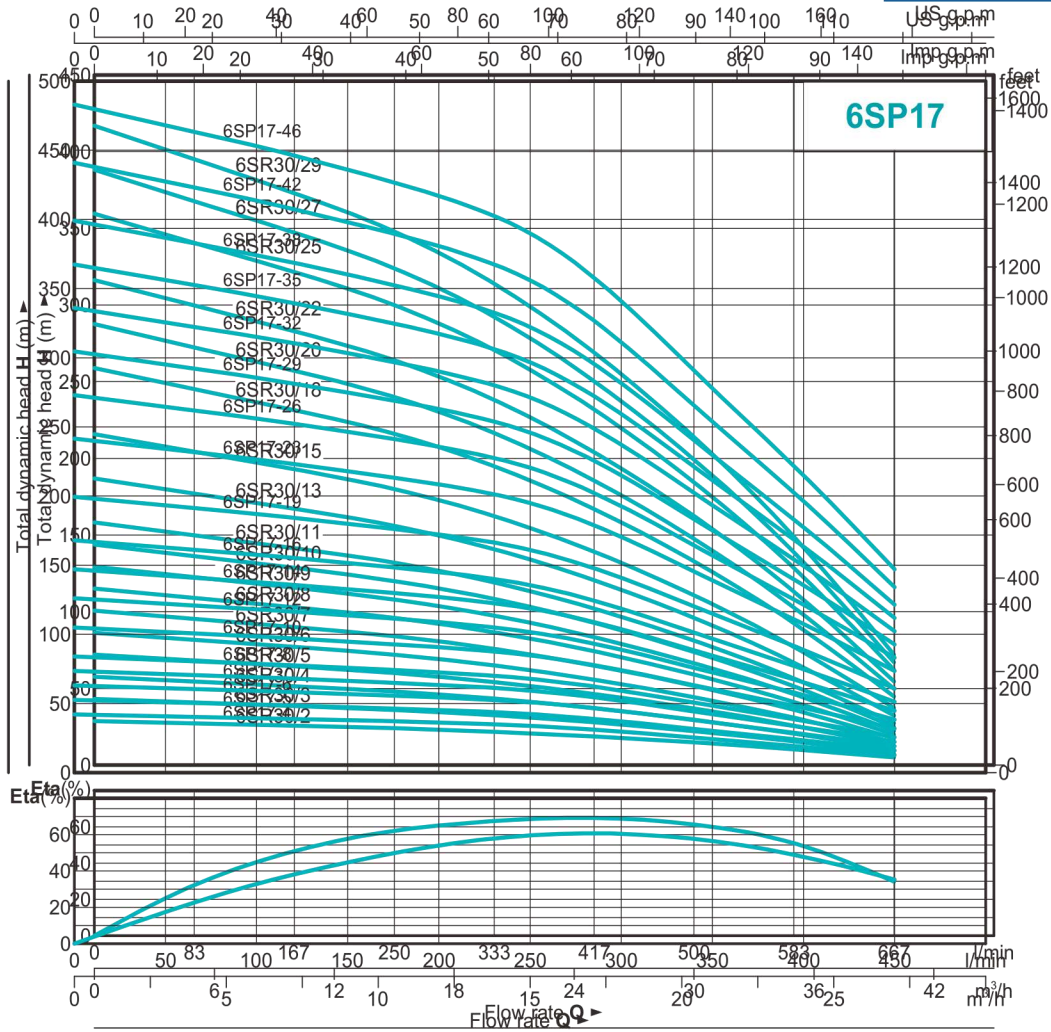
Outlet: G2½"~G3"

MODEL DATA 50Hz P ₂				DELIVERY n≈2850 1/min G2½"~G4"															
MODEL		P ₂		DELIVERY n≈2850 1/min															27
1~	3~	kW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	450		
220V-240V	380-415V				l/min	0	100	200	300	400	500	600	700	800	900	1000	10		
4-6SPM46-1	4-6SP46-1	1.5	2	5.5	H(m)	13	72	69	66	62	58	53	48	46	38	28	5	16	
-	6SR18/5	3	4	5.5		25	85	83	79	75	70	63	55	51	45	33	9	19	
-	6SR18/6	4	5	7.5		38	114	110	106	100	93	84	74	72	60	44	14	26	
-	6SR18/8	5.5	7.5	10		50	142	138	132	125	117	106	92	89	76	56	18	32	
-	4-6SP46-2	7.5	10	12.5		63	171	165	159	150	140	127	111	108	91	67	23	39	
-	6SR18/10	9.2	12.5		H(m)														
-	6SR18/12	11	15				213	207	198	188	175	158	138	113	83		48		
-	6SR18/15	13	17.5				242	234	225	213	198	179	157	128	94		55		
-	6SR18/17	15	20				270	262	251	237	222	201	175	144	105		61		
PERFORMANCE DATA 50Hz P ₂				20			298	290	277	262	245	222	198	167	128		67		
Outlet: G2½"~G4"																			

PERFORMANCE DATA 50Hz

Outlet: G2½"~G4"

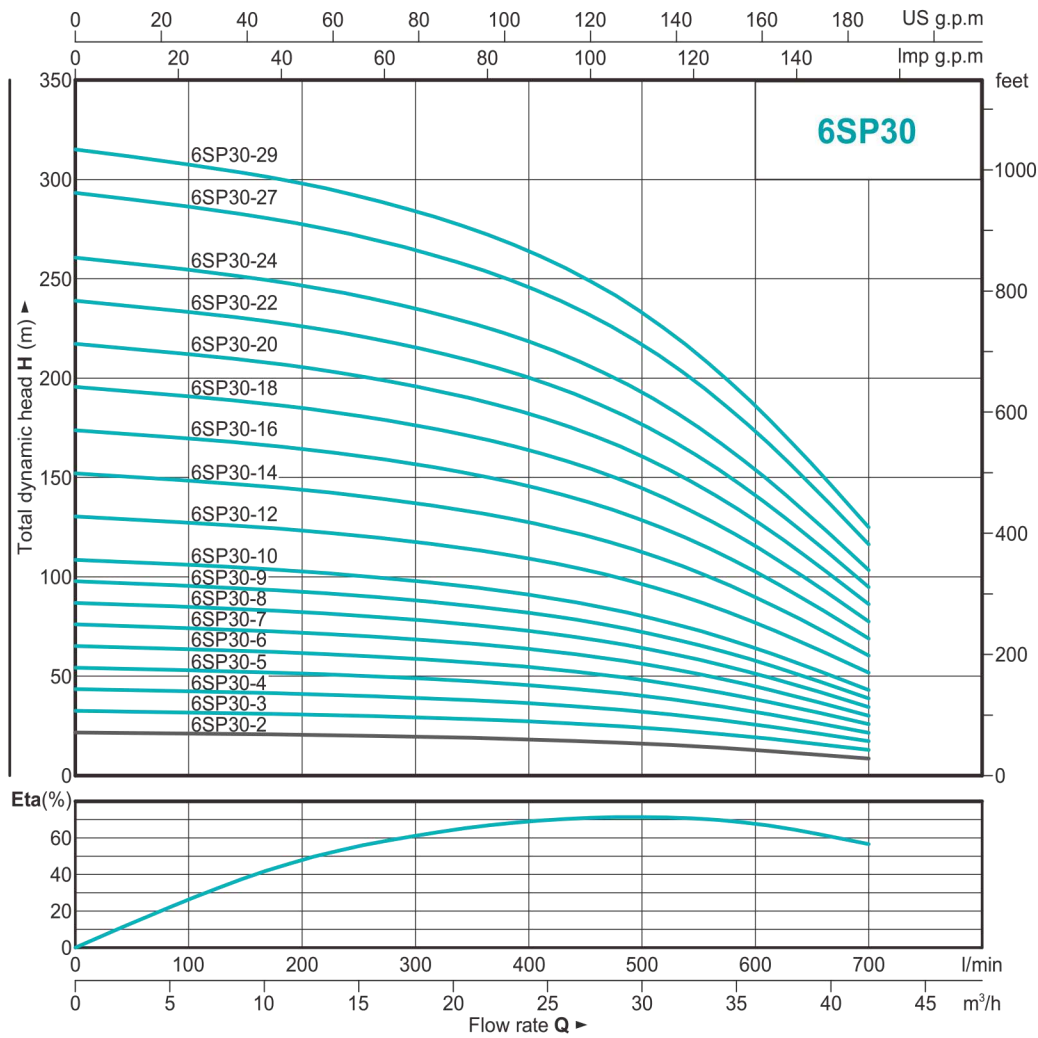
MODEL				DELIVERY n≈2850 1/min															74
1~	3~	kW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	80
220V-240V	380-415V				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	87
4-6SPM60-1	4-6SP60-1	2.2	3	35	H(m)	11	441	427	410	387	361	327	286	234	217	20			100
-	6SR18/31	2.5	3.5	35		25	469	455	436	413	385	348	304	249	218	203			106
-	4-6SP60-2	5.5	7.5			37	36	35	34	33	31	29	27	25	22	18	14	7	
-	6SR18/33	7.5	10			49	49	48	47	45	43	41	38	35	31	27	21	15	
-	4-6SP60-3	9.2	12.5			63	63	61	59	56	53	50	46	42	37	32	25	18	



PERFORMANCE DATA 50Hz

Outlet: G2 1" ~ G3"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24	27		
					l/min	0	50	100	150	200	250	300	350	400	450		
6SPM17-2	6SP17-2	2.2	3	H(m)	42	48	51	59	68	74	80	87	94	101	108		
6SPM17-3	6SP17-3	3	4		53	61	65	74	83	89	95	102	109	116	123		
6SPM17-4	6SP17-4	4	5.5		63	71	74	83	92	98	104	111	118	125	132		
6SPM17-5	6SP17-5	4	5.5		74	81	84	93	102	108	114	121	128	135	142		
6SPM17-6	6SP17-6	5.5	7.5		84	91	94	103	112	118	124	131	138	145	152		
6SPM17-7	6SP17-7	5.5	7.5		105	112	115	124	133	139	145	152	159	166	173		
6SPM17-8	6SP17-8	7.5	10		126	133	136	145	154	160	166	173	180	187	194		
6SPM17-9	6SP17-9	9.2	12.5		147	154	157	166	175	181	187	194	201	208	215		
6SPM17-10	6SP17-10	9.2	12.5		168	175	178	187	196	202	208	215	222	229	236		
6SPM17-11	6SP17-11	11	15		200	207	210	219	228	234	240	247	254	261	268		
6SPM17-12	6SP17-12	13	17.5		241	248	251	260	269	275	282	289	296	303	310		
6SPM17-13	6SP17-13	15	20		273	280	283	292	301	307	313	320	327	334	341		
6SPM17-14	6SP17-14	18.5	25		305	312	315	324	333	339	345	352	359	366	373		
6SPM17-15	6SP17-15	18.5	25		336	343	346	355	364	370	376	383	390	397	404		
6SPM17-16	6SP17-16	22	30		368	375	378	387	396	402	408	415	422	429	436		
6SPM17-17	6SP17-17	22	30		399	406	409	418	427	433	439	446	453	460	467		
6SPM17-18	6SP17-18	26	35		431	438	441	450	459	465	471	478	485	492	499		
6SPM17-19	6SP17-19	26	35		463	470	473	482	491	497	503	510	517	524	531		
6SPM17-20	6SP17-20	26	35		483	490	493	502	511	517	523	530	537	544	551		

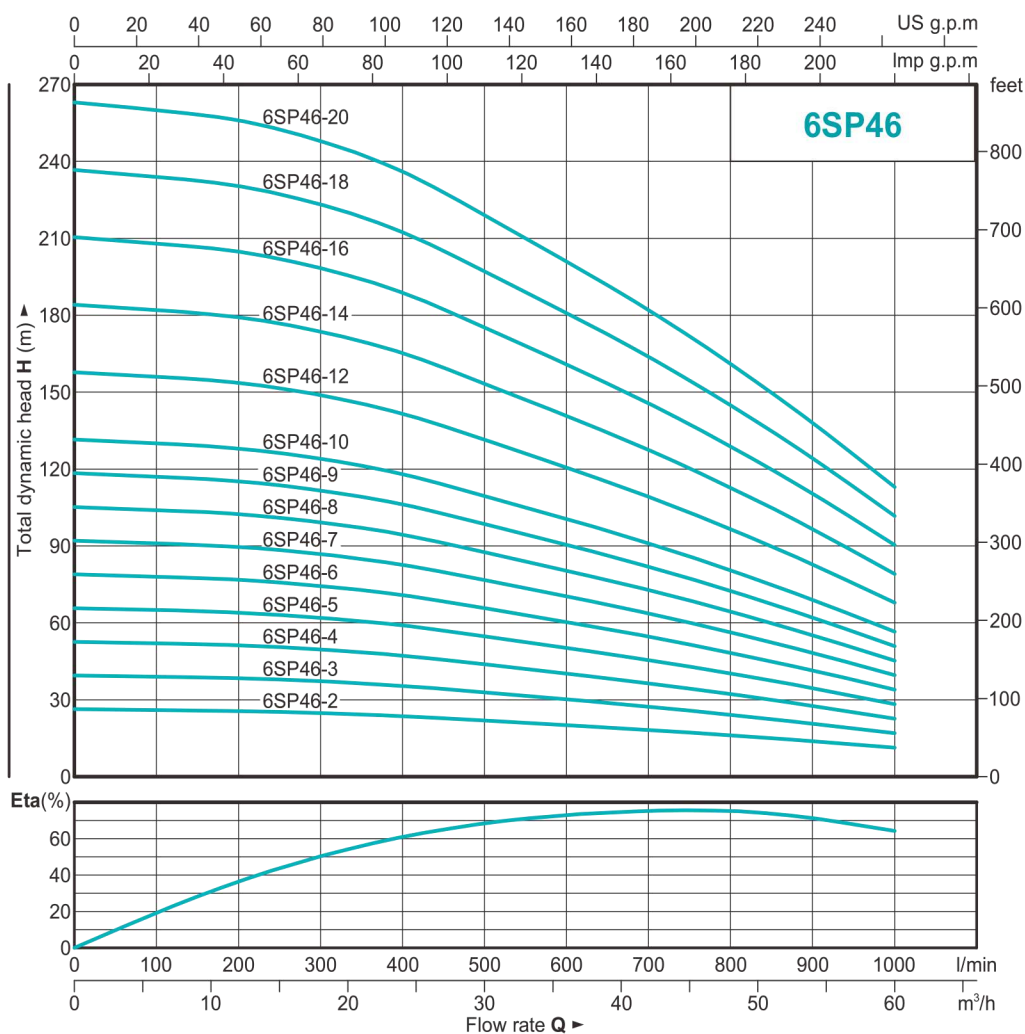


PERFORMANCE DATA 50Hz

Outlet: G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	$\frac{\text{m}^3}{\text{h}}$	0	6	12	18	24	30	36	42
					$\frac{\text{l}}{\text{min}}$	0	100	200	300	400	500	600	700
6SPM30-2	6SP30-2	2.2	3	H(m)		22	21	21	20	18	16	13	9
6SPM30-3	6SP30-3	3	4			33	32	31	29	27	24	19	13
6SPM30-4	6SP30-4	4	5.5			43	42	41	39	36	32	26	17
6SPM30-5	6SP30-5	5.5	7.5			54	53	51	49	46	40	32	22
6SPM30-6	6SP30-6	5.5	7.5			65	64	62	59	55	48	38	26
—	6SP30-7	7.5	10			76	74	72	69	64	56	45	30
—	6SP30-8	7.5	10			87	85	82	78	73	64	51	34
—	6SP30-9	9.2	12.5			98	95	92	88	82	72	58	39
—	6SP30-10	9.2	12.5			109	106	103	98	91	80	64	43
—	6SP30-12	11	15			130	127	123	118	109	96	77	52
—	6SP30-14	13	17.5			152	148	144	137	127	112	90	60
—	6SP30-16	15	20			174	170	164	157	146	129	103	69
—	6SP30-18	18.5	25			196	191	185	176	164	145	115	78
—	6SP30-20	22	30			217	212	206	196	182	161	128	86
—	6SP30-22	22	30			239	233	226	215	200	177	141	95
—	6SP30-24	26	35			261	254	247	235	218	193	154	103
—	6SP30-27	30	40			293	286	277	264	246	217	173	116
—	6SP30-29	30	40			315	308	298	284	264	233	186	125

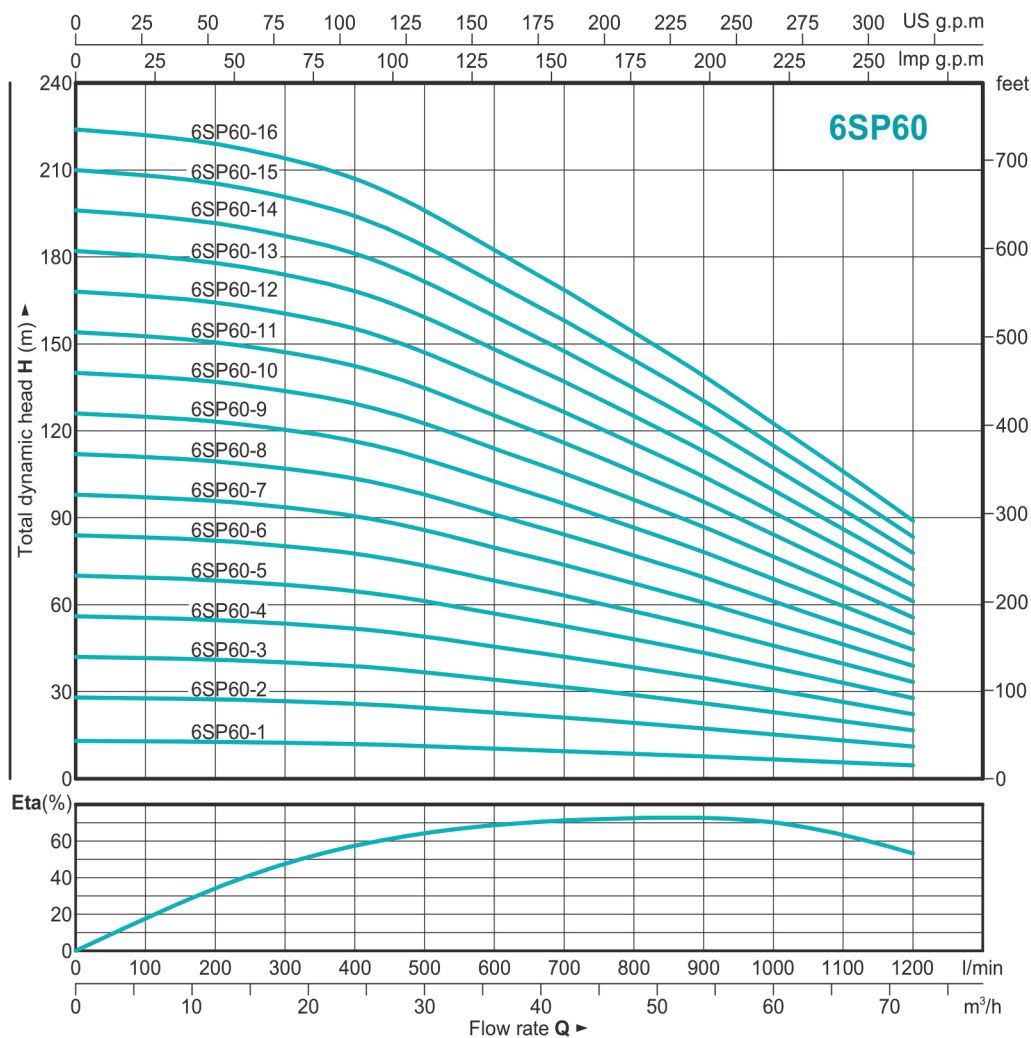
6SP46



PERFORMANCE DATA 50Hz

Outlet: G2 $\frac{1}{2}$ "~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60
						0	100	200	300	400	500	600	700	800	900	1000
6SPM46-2	6SP46-2	3	4	H(m)		26	26	26	25	24	22	20	18	16	14	11
6SPM46-3	6SP46-3	4	5.5			39	39	38	37	35	33	30	27	24	21	17
6SPM46-4	6SP46-4	5.5	7.5			53	52	51	50	47	44	40	36	32	28	23
—	6SP46-5	7.5	10			66	65	64	62	59	55	50	45	40	34	28
—	6SP46-6	9.2	12.5			79	78	77	74	71	66	60	55	48	41	34
—	6SP46-7	11	15			92	91	90	87	83	77	70	64	56	48	40
—	6SP46-8	13	17.5			105	104	102	99	94	88	80	73	64	55	45
—	6SP46-9	15	20			118	117	115	112	106	99	90	82	72	62	51
—	6SP46-10	15	20			132	130	128	124	118	110	101	91	80	69	56
—	6SP46-12	18.5	25			158	156	154	149	142	131	121	109	97	83	68
—	6SP46-14	22	30			184	182	179	174	165	153	141	127	113	97	79
—	6SP46-16	26	35			210	208	205	198	189	175	161	146	129	110	90
—	6SP46-18	30	40			237	234	230	223	212	197	181	164	145	124	102
—	6SP46-20	30	40			263	260	256	248	236	219	201	182	161	138	113

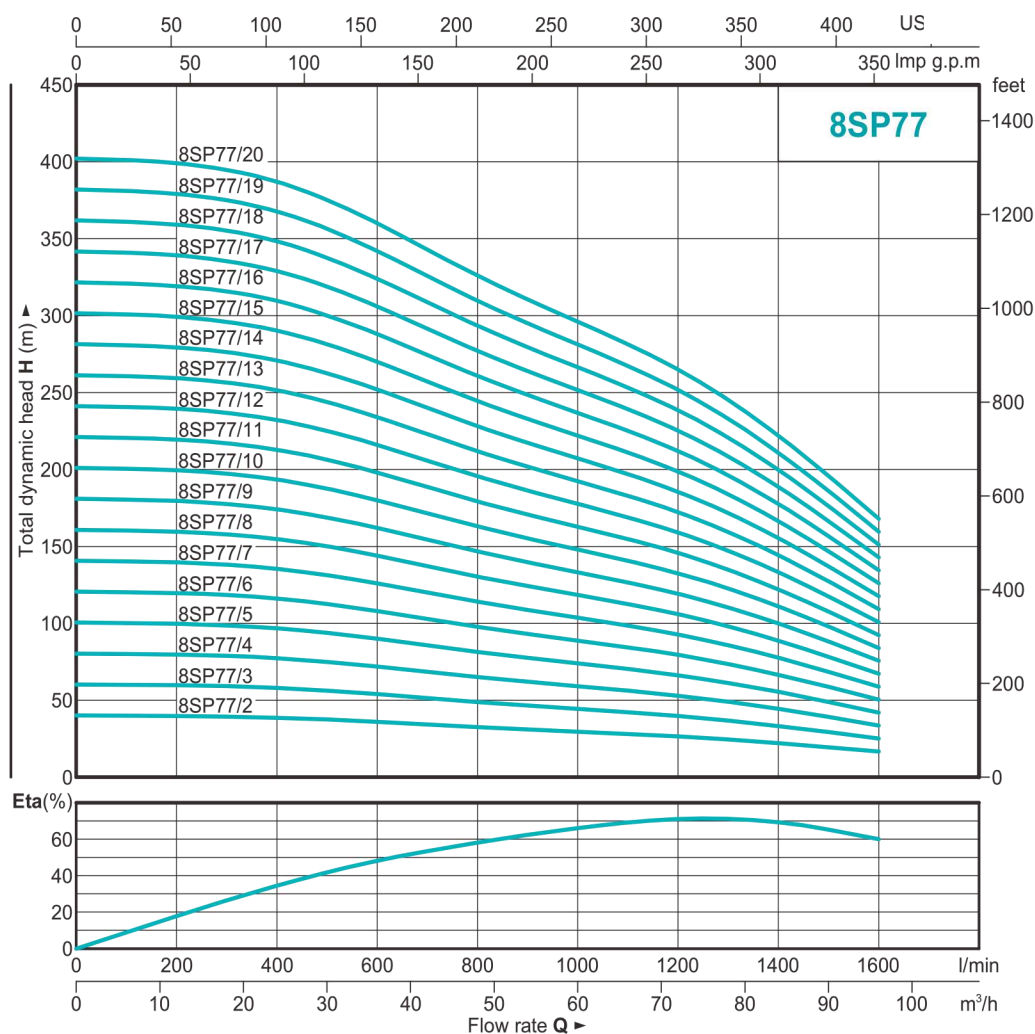


PERFORMANCE DATA 50Hz

Outlet: G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72
6SPM60-1	6SP60-1	2.2	3	H(m)		13	13	13	12	12	11	10	10	9	8	7	6	5
6SPM60-2	6SP60-2	4	5.5			28	28	27	27	26	25	23	21	19	17	15	13	11
6SPM60-3	6SP60-3	5.5	7.5			42	42	41	40	39	37	34	32	29	26	23	20	17
—	6SP60-4	7.5	10			56	56	55	54	52	49	46	42	39	35	31	27	22
—	6SP60-5	9.2	12.5			70	69	68	67	65	61	57	53	48	43	38	33	28
—	6SP60-6	11	15			84	83	82	80	78	74	68	63	58	52	46	40	33
—	6SP60-7	13	17.5			98	97	96	94	91	86	80	74	67	61	54	46	39
—	6SP60-8	15	20			112	111	110	107	104	98	91	84	77	70	61	53	45
—	6SP60-9	18.5	25			126	125	123	120	116	110	103	95	87	78	69	60	50
—	6SP60-10	18.5	25			140	139	137	134	129	123	114	105	96	87	77	66	56
—	6SP60-11	22	30			154	153	151	147	142	135	125	116	106	96	84	73	61
—	6SP60-12	22	30			168	167	164	161	155	147	137	126	116	104	92	80	67
—	6SP60-13	26	35			182	180	178	174	168	159	148	137	125	113	100	86	72
—	6SP60-14	26	35			196	194	192	187	181	172	160	148	135	122	107	93	78
—	6SP60-15	30	40			210	208	205	201	194	184	171	158	144	130	115	99	83
—	6SP60-16	30	40			224	222	219	214	207	196	182	169	154	139	123	106	89

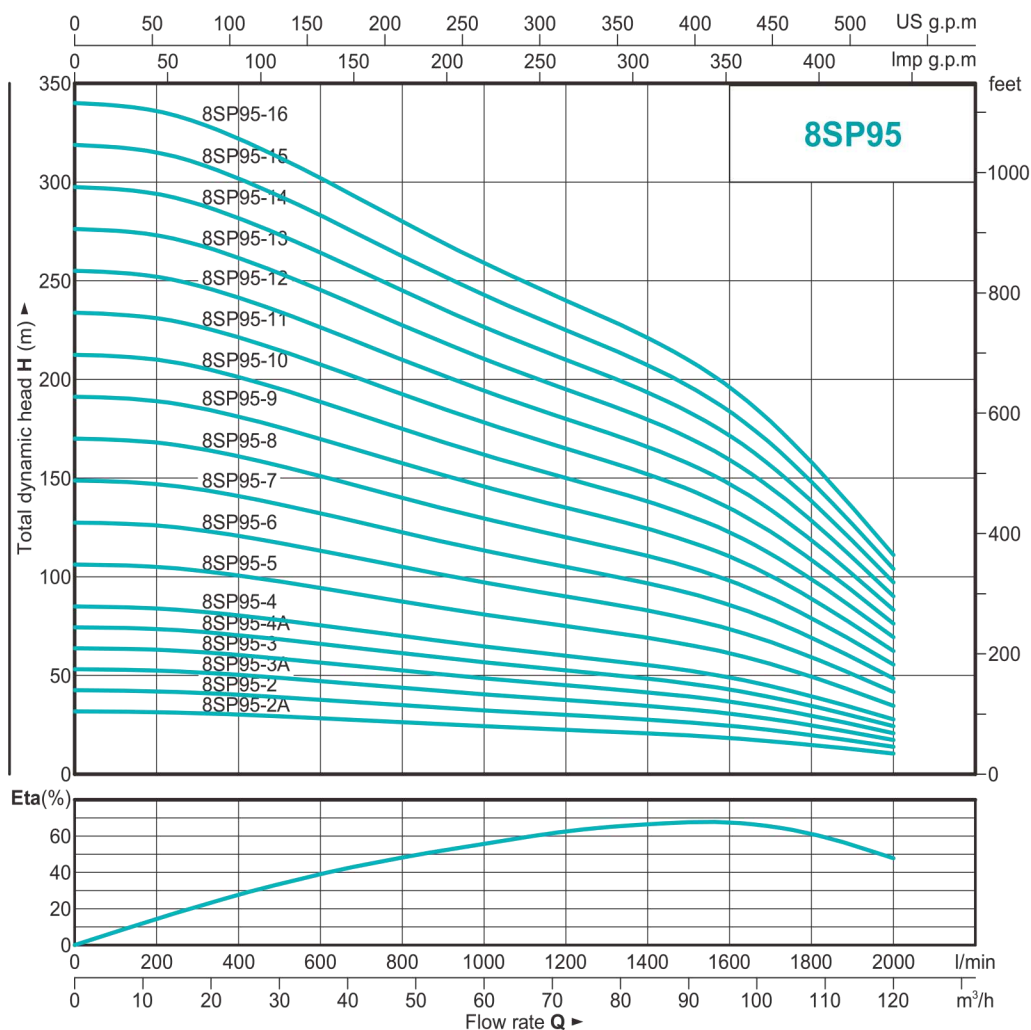
8SP77



PERFORMANCE DATA 50Hz

Outlet: G5"

MODEL	P ₂		DELIVERY $n \approx 2850$ 1/min										
3~380-415V	kW	HP	Q	m ³ /h l/min	0	12	24	36	48	60	72	84	96
8SP77/2	7.5	10	H(m)	0	0	200	400	600	800	1000	1200	1400	1600
8SP77/3	11	15		40	40	39	36	33	30	26	22	17	
8SP77/4	15	20		60	60	58	54	49	44	40	33	25	
8SP77/5	18.5	25		80	80	77	72	65	59	53	44	34	
8SP77/6	22	30		101	100	97	90	81	74	66	55	42	
8SP77/7	26	35		121	120	116	108	98	89	79	67	50	
8SP77/8	30	40		141	140	135	126	114	104	93	78	59	
8SP77/9	30	40		161	160	155	144	130	118	106	89	67	
8SP77/10	37	50		181	180	174	162	147	133	119	100	76	
8SP77/11	37	50		201	199	193	180	163	148	132	111	84	
8SP77/12	45	60		221	219	213	198	179	163	146	122	92	
8SP77/13	55	75		241	239	232	216	196	178	159	133	101	
8SP77/14	55	75		261	259	252	234	212	192	172	144	109	
8SP77/15	55	75		281	279	271	252	228	207	185	155	118	
8SP77/16	63	85		302	299	290	270	244	222	199	166	126	
8SP77/17	63	85		322	319	310	288	261	237	212	178	134	
8SP77/18	63	85		342	339	329	306	277	252	225	189	143	
8SP77/19	75	100		362	359	348	324	293	266	239	200	151	
8SP77/20	75	100		382	379	368	342	310	281	252	211	160	
				402	399	387	360	326	296	265	222	168	

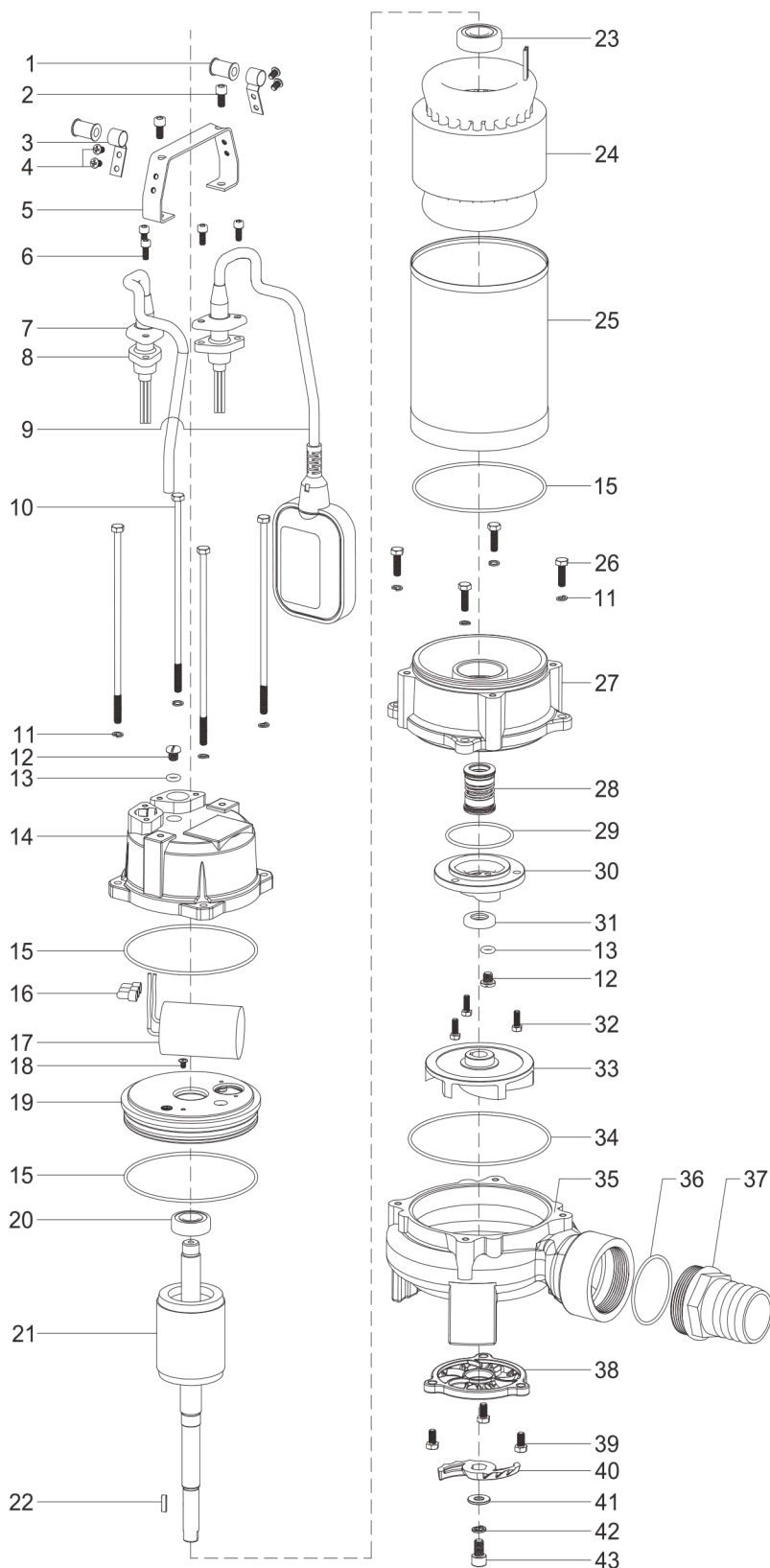


PERFORMANCE DATA 50Hz

Outlet: G5"

MODEL	P ₂		DELIVERY n≈2850 1/min												
			Q	H(m)											
				m³/h	0	12	24	36	48	60	72	84	96	108	120
3~380-415V	kW	HP	l/min	0	200	400	600	800	1000	1200	1400	1600	1800	2000	
8SP95-2A	7.5	10	H(m)	32	32	30	28	26	24	23	21	18	15	10	
8SP95-2	9.2	12.5		43	42	40	38	35	32	30	28	25	20	14	
8SP95-3A	11	15		53	53	50	47	44	40	38	35	31	25	17	
8SP95-3	13	17.5		64	63	60	57	53	49	45	41	37	30	21	
8SP95-4A	15	20		74	74	70	66	61	57	53	48	43	35	24	
8SP95-4	18.5	25		85	84	81	76	70	65	60	55	49	40	28	
8SP95-5	22	30		106	105	101	94	88	81	75	69	61	49	35	
8SP95-6	26	35		128	126	121	113	105	97	90	83	74	59	42	
8SP95-7	30	40		149	147	141	132	123	113	105	97	86	69	49	
8SP95-8	37	50		170	168	161	151	140	130	120	111	98	79	56	
8SP95-9	37	50		191	189	181	170	158	146	135	124	110	89	62	
8SP95-10	45	60		213	210	201	189	175	162	150	138	123	99	69	
8SP95-11	55	75		234	231	221	208	193	178	165	152	135	109	76	
8SP95-12	55	75		255	252	242	227	210	194	180	166	147	119	83	
8SP95-13	63	85		276	273	262	245	228	210	195	180	159	128	90	
8SP95-14	63	85		298	294	282	264	245	227	210	193	172	138	97	
8SP95-15	75	100		319	315	302	283	263	243	225	207	184	148	104	
8SP95-16	75	100		340	336	322	302	280	259	240	221	196	158	111	

WQV Breakdown diagram



1	Cable bushing
2	Screw
3	Handle pressure plate
4	Screw
5	Handle
6	Screw
7	Cable clamp
8	Cable
9	Float switch
10	Bolt
11	Spring washer
12	Grease screw
13	"O" ring
14	Up-cover
15	"O" ring
16	Wiring cap
17	Capacitor
18	Screw
19	Upper bearing seat
20	Bearing
21	Rotor
22	Flat key
23	Bearing
24	Stator
25	Motor pipe
26	Screw
27	Oil chamber
28	Machnical seal
29	"O" ring
30	Oil chamber cover
31	Skeleton oil seal
32	Screw
33	Impeller
34	"O" ring
35	Pump body
36	"O" ring
37	Outlet
38	Cutting chassis
39	Screw
40	Cutting knife
41	Gasket
42	Spring washer
43	Screw