

6SP

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
Maximum sand content: 0.25%
Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
① Direct start (1 cable)
② Star-delta start (2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz

Warranty: 2 years

(according to our general sales conditions)



Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SiC/TC
Shaft	AISI 304 SS-ASTM 5140

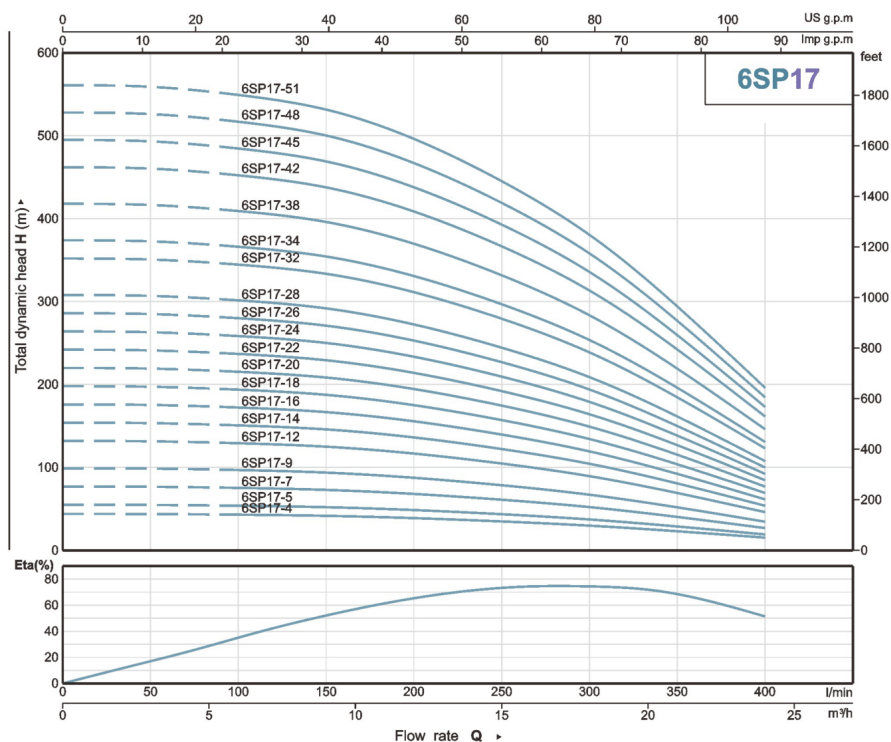
6 SP (M) 17-4

Impeller's number
capacity (m³/h)
single phase
(three phase with no M marked)
model
well Ø 6"

6YC

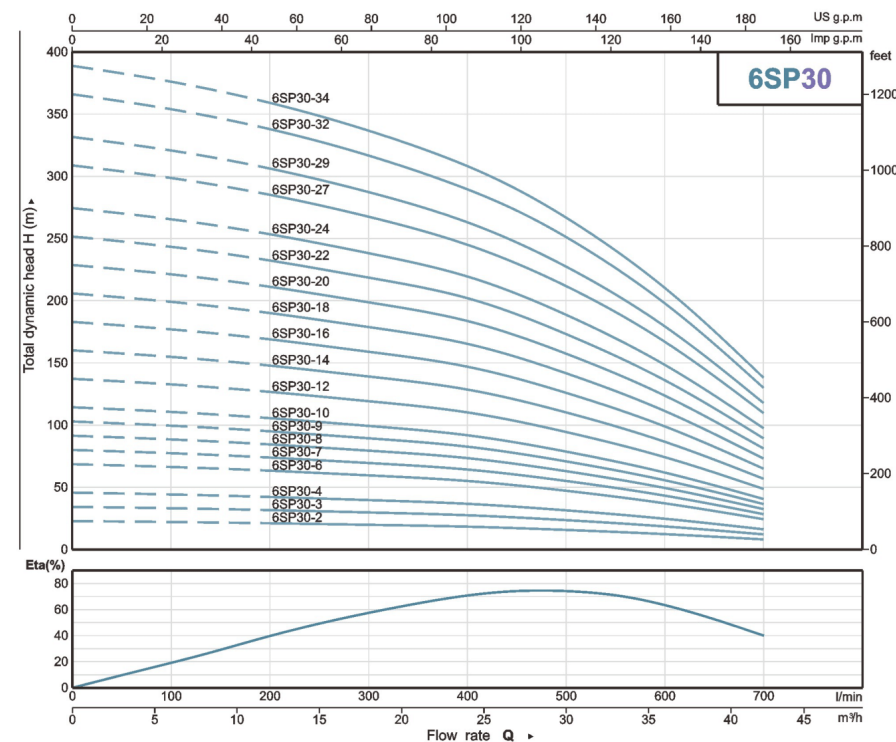
6YS

6HC



PERFORMANCE DATA 50Hz

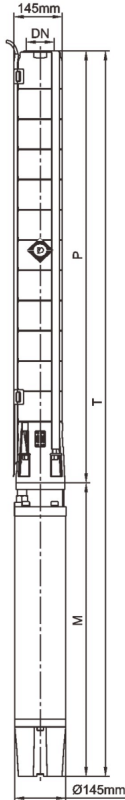
MODEL		P ₂		DELIVERY n≈2850 1/min												
1~220-240V	3~380-415V	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24		
					l/min	0	50	100	150	200	250	300	350	400		
6SPM17-4	6SP17-4	2.2	3	H(m)	44	44	43	42	39	35	30	23	15			
6SPM17-5	6SP17-5	3	4		55	55	54	52	49	44	37	29	19			
6SPM17-7	6SP17-7	4	5.5		77	77	75	73	68	61	52	40	27			
6SPM17-9	6SP17-9	5.5	7.5		99	99	97	94	88	79	67	52	35			
-	6SP17-12	7.5	10		132	132	129	125	117	105	90	69	46			
-	6SP17-14	9.2	12.5		154	153	151	146	136	122	105	81	54			
-	6SP17-16	9.2	12.5		176	175	172	167	156	140	120	92	61			
-	6SP17-18	11	15		198	197	194	188	175	157	134	104	69			
-	6SP17-20	11	15		220	219	215	209	195	175	149	115	77			
-	6SP17-22	13	17.5		242	241	237	229	214	192	164	127	85			
-	6SP17-24	13	17.5		264	263	258	250	233	209	179	138	92			
-	6SP17-26	15	20		286	285	280	271	253	227	194	150	100			
-	6SP17-28	18.5	25		308	307	301	292	272	244	209	161	108			
-	6SP17-32	18.5	25		352	351	344	334	311	279	239	184	123			
-	6SP17-34	22	30		374	373	366	355	331	297	254	196	131			
-	6SP17-38	22	30		418	417	409	396	370	332	284	219	146			
-	6SP17-42	26	35		462	460	452	438	408	366	314	242	161			
-	6SP17-45	26	35		495	493	484	469	438	393	336	259	173			
-	6SP17-48	30	40		528	526	517	501	467	419	359	277	184			
-	6SP17-51	30	40		561	559	549	532	496	445	381	294	196			



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	
						0	100	200	300	400	500	600	700	
6SPM30-2	6SP30-2	2.2	3	H(m)		23	22	21	20	18	16	12	8	
6SPM30-3	6SP30-3	3	4			34	33	32	30	28	24	19	12	
6SPM30-4	6SP30-4	4	5.5			46	44	42	40	37	32	25	16	
6SPM30-6	6SP30-6	5.5	7.5			69	66	63	60	55	47	37	24	
-	6SP30-7	7.5	10			80	77	74	70	64	55	43	28	
-	6SP30-8	7.5	10			92	89	85	80	74	63	50	33	
-	6SP30-9	9.2	12.5			103	100	95	89	83	71	56	37	
-	6SP30-10	9.2	12.5			114	111	106	99	92	79	62	41	
-	6SP30-12	11	15			137	133	127	119	110	95	74	49	
-	6SP30-14	13	17.5			160	155	148	139	129	110	87	57	
-	6SP30-16	15	20			183	177	169	159	147	126	99	65	
-	6SP30-18	18.5	25			206	199	190	179	165	142	111	73	
-	6SP30-20	18.5	25			229	221	211	199	184	158	124	81	
-	6SP30-22	22	30			252	243	232	219	202	173	136	89	
-	6SP30-24	22	30			275	266	254	239	221	189	149	98	
-	6SP30-27	26	35			309	299	285	268	248	213	167	110	
-	6SP30-29	26	35			332	321	306	288	266	228	179	118	
-	6SP30-32	30	40			366	354	338	318	294	252	198	130	
-	6SP30-34	30	40			389	376	359	338	312	268	210	138	

DIMENSION AND WEIGHT

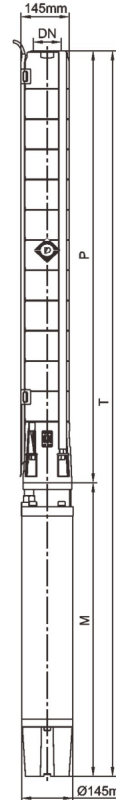


MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6SPM17-4	6SP17-4	3"/4"	514	549	539	1063	1053	8.7	35.9	34.1	44.6	42.8
6SPM17-5	6SP17-5	3"/4"	575	579	579	1154	1154	10.0	38.8	38.4	48.8	48.4
6SPM17-7	6SP17-7	3"/4"	696	609	609	1305	1305	12.6	41.4	44.5	54.0	57.1
6SPM17-9	6SP17-9	3"/4"	817	659	654	1476	1471	15.2	46.5	49.4	61.7	64.6
-	6SP17-12	3"/4"	998	-	709	-	1707	19.1	-	52.2	-	71.3
-	6SP17-14	3"/4"	1120	-	709	-	1829	21.0	-	52.2	-	73.2
-	6SP17-16	3"/4"	1240	-	789	-	2029	24.3	-	64.3	-	88.6
-	6SP17-18	3"/4"	1361	-	829	-	2190	26.9	-	67.8	-	94.7
-	6SP17-20	3"/4"	1482	-	829	-	2311	29.5	-	67.8	-	97.3
-	6SP17-22	3"/4"	1603	-	909	-	2512	32.1	-	73.9	-	106
-	6SP17-24	3"/4"	1742	-	909	-	2651	34.7	-	73.9	-	108.6
-	6SP17-26	3"/4"	1845	-	969	-	2814	37.3	-	80.5	-	117.8
-	6SP17-28	3"/4"	1966	-	979	-	2945	39.9	-	90.1	-	130.0
-	6SP17-32	3"/4"	2208	-	979	-	3187	45.1	-	90.1	-	135.2
-	6SP17-34	3"/4"	2329	-	1054	-	3383	47.7	-	95.8	-	143.5
-	6SP17-38	3"/4"	2571	-	1054	-	3625	52.9	-	95.8	-	148.7
-	6SP17-42	3"/4"	2813	-	1129	-	3942	58.1	-	104.2	-	162.3
-	6SP17-45	3"/4"	2995	-	1129	-	4124	62.0	-	104.2	-	166.2
-	6SP17-48	3"/4"	3176	-	1204	-	4380	65.9	-	112.6	-	178.5
-	6SP17-51	3"/4"	3358	-	1204	-	4562	69.8	-	112.6	-	182.4

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6SPM30-2	6SP30-2	3"/4"	464	549	539	1013	1003	7.1	38.8	34.1	45.9	41.2
6SPM30-3	6SP30-3	3"/4"	560	579	579	1139	1139	8.9	41.7	38.4	50.6	47.3
6SPM30-4	6SP30-4	3"/4"	656	609	609	1265	1265	10.7	46.5	44.5	57.2	55.2
6SPM30-6	6SP30-6	3"/4"	848	659	654	1507	1502	14.3	48.5	49.4	62.8	63.7
-	6SP30-7	3"/4"	944	-	709	-	1653	16.1	-	52.2	-	68.3
-	6SP30-8	3"/4"	1040	-	709	-	1749	17.9	-	52.2	-	70.1
-	6SP30-9	3"/4"	1136	-	789	-	1925	19.7	-	64.3	-	84.0
-	6SP30-10	3"/4"	1232	-	789	-	2021	21.5	-	64.3	-	85.8
-	6SP30-12	3"/4"	1424	-	829	-	2253	25.1	-	67.8	-	92.9
-	6SP30-14	3"/4"	1616	-	909	-	2525	28.7	-	73.9	-	102.6
-	6SP30-16	3"/4"	1808	-	969	-	2777	32.3	-	80.5	-	112.8
-	6SP30-18	3"/4"	2000	-	979	-	2979	35.9	-	90.1	-	126.0
-	6SP30-20	3"/4"	2192	-	979	-	3171	39.5	-	90.1	-	129.6
-	6SP30-22	3"/4"	2384	-	1054	-	3438	43.1	-	95.8	-	138.9
-	6SP30-24	3"/4"	2576	-	1054	-	3630	46.7	-	95.8	-	142.5
-	6SP30-27	3"/4"	2864	-	1129	-	3993	52.1	-	104.2	-	156.3
-	6SP30-29	3"/4"	3056	-	1129	-	4185	55.7	-	104.2	-	159.9
-	6SP30-32	3"/4"	3344	-	1204	-	4548	61.1	-	112.6	-	173.7
-	6SP30-34	3"/4"	3536	-	1204	-	4740	64.7	-	112.6	-	177.3

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6SPM46-2	6SP46-2	3"/4"	498	579	579	1077	1077	8.5	37.7	38.4	46.2	46.9
6SPM46-3	6SP46-3	3"/4"	611	659	654	1270	1265	11.0	46.5	49.4	57.5	60.4
-	6SP46-4	3"/4"	724	-	709	-	1433	13.5	-	52.2	-	65.7
-	6SP46-5	3"/4"	837	-	709	-	1546	16.0	-	52.2	-	68.2
-	6SP46-6	3"/4"	950	-	789	-	1739	18.5	-	64.3	-	82.8
-	6SP46-7	3"/4"	1063	-	829	-	1892	21.0	-	67.8	-	88.8
-	6SP46-8	3"/4"	1176	-	909	-	2085	23.5	-	73.9	-	97.4
-	6SP46-9	3"/4"	1289	-	969	-	2258	26.0	-	80.5	-	106.5
-	6SP46-10	3"/4"	1402	-	969	-	2371	28.5	-	80.5	-	109.0
-	6SP46-11	3"/4"	1515	-	979	-	2494	31.0	-	90.1	-	121.1
-	6SP46-12	3"/4"	1628	-	979	-	2607	33.5	-	90.1	-	123.6
-	6SP46-13	3"/4"	1741	-	1054	-	2795	36.0	-	95.8	-	131.8
-	6SP46-14	3"/4"	1854	-	1054	-	2908	38.5	-	95.8	-	134.3
-	6SP46-16	3"/4"	2080	-	1129	-	3209	43.5	-	104.2	-	147.7
-	6SP46-18	3"/4"	2306	-	1204	-	3510	48.5	-	112.6	-	161.1
-	6SP46-20	3"/4"	2532	-	1204	-	3736	53.5	-	112.6	-	166.1

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6SPM60-3	6SP60-3	3"/4"	611	659	654	1270	1265	14	48.5	49.4	62.5	63.4
-	6SP60-4	3"/4"	724	-	709	-	1433	17.5	-	52.2	-	69.7
-	6SP60-5	3"/4"	837	-	789	-	1626	21.0	-	64.3	-	85.3
-	6SP60-6	3"/4"	950	-	829	-	1779	24.5	-	67.8	-	92.3
-	6SP60-7	3"/4"	1063	-	909	-	1972	28.0	-	73.9	-	101.9
-	6SP60-8	3"/4"	1176	-	969	-	2145	31.5	-	80.5	-	112.0
-	6SP60-9	3"/4"	1289	-	979	-	2268	35.0	-	90.1	-	125.1
-	6SP60-10	3"/4"	1402	-	979	-	2381	38.5	-	90.1	-	128.6
-	6SP60-11	3"/4"	1515	-	1054	-	2569	42.0	-	95.8	-	137.8
-	6SP60-12	3"/4"	1628	-	1054	-	2682	45.5	-	95.8	-	141.3
-	6SP60-13	3"/4"	1741	-	1129	-	2870	49.0	-	104.2	-	153.2
-	6SP60-14	3"/4"	1854	-	1129	-	2983	52.5	-	104.2	-	156.7
-	6SP60-15	3"/4"	1967	-	1204	-	3171	56.0	-	112.6	-	168.6
-	6SP60-16	3"/4"	2080	-	1204	-	3284	59.5	-	112.6	-	172.1

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.