

6S

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 +35 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
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

(According to our general sales conditions)



6S

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

6 S (M)35/6

impeller's number
capacity (m/h)
single phase (three phase with no marked)
pump name
well Ø 6"

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY $n \approx 2850$ 1/min								
1~ 220 - 240 V	3~ 380 - 415V	kW	HP	Q $\frac{m^3/h}{l/min}$	0	3	6	9	12	15	18	21
					0	50	100	150	200	250	300	350
6S M15/4	6S 15/4	2.2	3	H(m)	52	51	49	46	41	35	28	20
6S M15/5	6S 15/5	3	4		65	64	62	57	51	43	35	25
6S M15/7	6S 15/7	4	5.5		91	90	86	80	72	61	48	35
6S M15/10	6S 15/10	5.5	7.5		130	128	123	115	102	87	69	50
-	6S 15/13	7.5	10		169	166	160	149	133	113	90	66
-	6S 15/16	9.2	12.5		208	205	197	183	164	139	111	81
-	6S 15/19	11	15		247	243	234	218	195	165	131	96
-	6S 15/22	15	20		286	281	271	252	226	191	152	111
-	6S 15/24	15	20		312	307	296	275	246	208	166	121

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY $n \approx 2850$ 1/min												
1~ 220 - 240 V	3~ 380-415V	kW	HP	Q $\frac{m^3/h}{l/min}$	0	3	6	9	12	15	18	21	24	27	30	33
					0	50	100	150	200	250	300	350	400	450	500	550
6S M25/3	6S 25/3	2.2	3	H(m)	39	39	38	37	35	33	31	28	25	21	16	9
6S M25/4	6S 25/4	3	4		52	52	51	50	47	44	41	38	34	28	21	12
6S M25/6	6S 25/6	4	5.5		78	77	76	74	71	67	62	57	51	42	32	18
6S M25/8	6S 25/8	5.5	7.5		104	103	102	99	95	89	83	76	68	56	43	24
-	6S 25/10	7.5	10		130	129	127	124	118	111	104	95	85	69	54	30
-	6S 25/12	9.2	12.5		156	155	152	149	142	133	124	114	102	83	64	36
-	6S 25/14	11	15		182	180	178	174	166	156	145	133	119	97	75	42
-	6S 25/17	15	20		221	219	216	211	201	189	176	161	144	118	91	51

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY $n \approx 2850$ 1/min										
1~ 220 - 240 V	3~ 380 - 415V	kW	HP	Q $\frac{m^3/h}{l/min}$	0	5	10	15	20	25	30	35	40	45
					0	83	167	250	333	417	500	583	667	750
6S M35/3	6S 35/3	3	4	H(m)	39	38	36	35	32	30	27	23	17	11
6S M35/4	6S 35/4	4	5.5		52	50	48	46	43	40	36	30	23	14
6S M35/5	6S 35/5	5.5	7.5		65	63	60	58	54	50	45	38	28	18
-	6S 35/6	7.5	10		78	75	72	69	65	60	54	45	34	22
-	6S 35/7	7.5	10		90	88	84	81	75	70	62	53	40	25
-	6S 35/8	9.2	12.5		103	100	96	92	86	80	71	60	46	29
-	6S 35/9	11	15		116	113	108	104	97	90	80	68	51	33
-	6S 35/10	11	15		129	125	120	115	108	100	89	75	57	36
-	6S 35/12	15	20		155	150	144	138	129	120	107	90	68	43
-	6S 35/13	15	20		168	163	156	150	140	130	116	98	74	47

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY $n \approx 2850$ 1/min											
1~ 220 - 240 V	3~ 380 - 415V	kW	HP	Q $\frac{m^3/h}{l/min}$	0	6	12	18	24	30	36	42	48	54	60
					0	100	200	300	400	500	600	700	800	900	1000
6S M45/3	6S 45/3	4	5.5	H(m)	38	38	37	35	33	31	28	24	20	16	10
6S M45/4	6S 45/4	5.5	7.5		51	50	49	47	44	41	37	32	27	21	13
-	6S 45/5	7.5	10		64	63	61	58	55	51	46	40	33	26	16
-	6S 45/6	9.2	12.5		77	76	73	70	66	61	55	49	40	31	20
-	6S 45/7	11	15		90	88	85	82	77	71	64	57	47	36	23
-	6S 45/9	15	20		115	113	110	105	99	92	83	73	60	47	30
-	6S 45/10	15	20		128	126	122	117	110	102	92	81	67	52	33