



Enriching Lives

Kirloskar

KS6

150 mm (6")
Submersible
Pumps

*Kheton Mein
Hariyali
Ghar Ghar
Khushhali*



**KIRLOSKAR
BROTHERS
LIMITED**
125 YEARS OF ENGINEERING EXCELLENCE

KIRLOSKAR BROTHERS LIMITED
– DISTRIBUTION SECTOR



150 mm (6") Submersible Pumps

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	GPM						
					LPM	LPS	M ³ /Hr	HEAD IN METERS			
KS6DN-0504	3.7/5.0	65	4	9.3	32	63	95	111	127	159	198
KS6DN-0505	3.7/5.0	65	5	9.3	120	240	360	420	480	600	750
KS6DN-0806	5.5/7.5	65	6	14.5	2	4	6	7	8	10	13
KS6DN-1008	7.5/10.0	65	8	18.0	7	14	22	25	29	36	45
KS6DN-1310	9.3/12.5	65	10	22.5	42	39	36	34	32	26	16
KS6DN-1512	11.0/15.0	65	12	26.0	53	49	45	43	40	33	20
KS6DN-1814	13.0/17.5	65	14	32.5	63	59	54	51	48	39	24
KS6DN-2016	15.0/20.0	65	16	36.5	84	78	72	68	64	52	32
					105	98	90	85	80	65	40
					126	118	108	102	96	78	48
					147	137	126	119	112	91	56
					158	147	135	128	120	98	60

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	GPM							
					LPM	LPS	M ³ /Hr	HEAD IN METERS				
KS6EA-0808	5.5/7.5	80	8	14.5	63	95	127	159	190	222	254	264
KS6EA-1010	7.5/10.0	80	10	18	240	360	480	600	720	840	960	1000
KS6EA-1312	9.3/12.5	80	12	22.5	4	6	8	10	12	14	16	17
KS6EA-1515	11.0/15.0	80	15	26	14	22	29	36	43	50	58	60
KS6EA-1817	13.0/17.5	80	17	32.5	70	60	52	44	32	23	11	9
KS6EA-2020	15.0/20.0	80	20	36.5	88	75	65	55	40	29	14	11
					105	90	78	66	48	35	17	14
					131	113	98	83	60	43	21	17
					149	128	111	94	68	49	23	19
					172	150	130	110	80	58	28	24

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	GPM								
					LPM	LPS	M ³ /Hr	HEAD IN METERS					
KS6F-0503R	3.7/5.0	80	3.0	9.3	63	95	127	159	190	222	254	285	317
KS6F-0604R	4.5/6.0	80	4.0	11.8	240	360	480	600	720	840	960	1080	1200
KS6F-0805R	5.5/7.5	80	5.0	14.5	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
KS6F-1006R	7.5/10.0	80	6.0	18.0	14.4	21.6	28.8	36.0	43.2	50.4	57.6	64.8	72.0
KS6F-1308R	9.3/12.5	80	8.0	22.5	30	28	26	23	20	16	12	8	5
KS6F-1509R	11.0/15.0	80	9.0	26.0	40	37	34	30	26	21	16	11	6
KS6F-1811R	13.0/17.5	80	11.0	32.5	50	46	43	38	33	26	20	14	8
KS6F-2013R	15.0/20.0	80	13.0	36.5	60	56	51	45	39	32	24	17	9
					80	74	68	60	52	42	32	22	12
					90	83	77	68	59	47	36	25	14
					110	102	94	83	72	58	44	30	17
					130	120	111	98	85	68	52	36	20

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	GPM						
					LPM	LPS	M ³ /Hr	HEAD IN METERS			
KS6AA-0515	3.7/5.0	50	15	6.3	16	32	42	48	63		
KS6AA-0517	3.7/5.0	50	17	9.6	135	107	87	70	20		
KS6AA-0618	5.5/7.5	50	18	9.6	153	121	99	79	23		
KS6AA-0822	5.5/7.5	50	22	9.6	162	128	102	82	24		
KS6AA-1030	7.5/10.0	50	30	18	183	154	123	100	26		
					250	210	168	136	35		

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	GPM								
					LPM	LPS	M ³ /Hr	HEAD IN METERS					
KS6B-0305	2.2/3.0	50	5	6.3	16	24	32	40	48	55	63	71	79
KS6B-0306	2.2/3.0	50	6	6.3	60	90	120	150	180	210	240	270	300
KS6B-0508	3.7/5.0	50	8	9.3	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
KS6B-0509	3.7/5.0	50	9	9.3	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18.0
KS6B-0510	3.7/5.0	50	10	9.3	46	45	44	42	38	32	26	20	13
KS6B-0511	3.7/5.0	50	11	9.3	55	54	53	50	45	38	31	24	16
KS6B-0612	4.5/6.0	50	12	11.8	74	72	70	67	60	51	42	32	21
KS6B-0813	5.5/7.5	50	13	14.5	83	81	79	75	68	57	47	36	24
KS6B-0814	5.5/7.5	50	14	14.5	92	90	88	83	75	63	52	40	27
KS6B-0815	5.5/7.5	50	15	14.5	101	99	97	92	83	70	57	44	29
KS6B-1016	7.5/10.0	50	16	18.0	110	108	106	100	90	76	62	48	32
KS6B-1020	7.5/10.0	50	20	18.0	120	117	114	108	98	82	68	52	35
KS6B-1324	9.3/12.5	50	24	22.5	129	126	123	117	105	89	73	56	37
KS6B-1530	11.0/15.0	50	30	26.0	138	135	132	125	113	95	78	60	40
					147	144	141	133	120	101	83	64	43
					184	180	176	167	150	127	104	80	53
					221	216	211	200	180	152	125	96	64
					276	270	264	250	225	190	156	120	80

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	HEAD IN METERS											
					GPM											
					LPM											
					M ³ /Hr											
KS6C-0302	2.2/3.0	50	2	6.3	16	32	48	63	71	79	95	111	127			
KS6C-0505	3.7/5.0	50	5	9.3	60	120	180	240	270	300	360	420	480			
KS6C-0606	4.5/6.0	50	6	11.8	1.0	2.0	3.0	4.0	4.5	5.0	6.0	7.0	8.0			
KS6C-0806	5.5/7.5	50	6	14.5	3.6	7.2	10.8	14.4	16.2	18.0	21.6	25.2	28.8			
KS6C-0807	5.5/7.5	50	7	14.5	23	46	69	92	105	128	151	174	197			
KS6C-0808	5.5/7.5	50	8	14.5	90	180	270	360	450	540	630	720	810			
KS6C-1009	7.5/10.0	50	9	18	101	202	303	404	485	566	647	728	809			
KS6C-1010	7.5/10.0	50	10	18	113	226	339	452	565	678	791	904	1017			
KS6C-1311	9.3/12.5	50	11	22.5	124	248	372	496	620	744	868	992	1116			
KS6C-1312	9.3/12.5	50	12	22.5	135	270	405	540	675	810	945	1080	1215			
KS6C-1515	11.0/15.0	50	15	26	169	338	507	676	845	1014	1183	1352	1521			
KS6C-1817	13.0/17.5	50	17	32.5	191	382	573	764	955	1146	1337	1528	1719			
KS6C-2018	13.0/17.5	50	18	36.5	203	406	609	812	1015	1218	1421	1624	1827			
KS6C-2020	15.0/20.0	50	20	36.5	225	450	675	900	1125	1350	1575	1800	2025			

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	HEAD IN METERS											
					GPM											
					LPM											
					M ³ /Hr											
KS6C-0303	2.2/3.0	50	3	6.3	16	32	48	63	71	79	95	111	127			
KS6C-0405	3.0/4.0	50	5	7.9	60	120	180	240	285	330	375	420	465			
KS6C-0506	3.7/5.0	50	6	9.3	70	140	210	280	350	420	490	560	630			
KS6C-0607	4.5/6.0	50	7	11.8	82	164	246	328	410	492	574	656	738			
KS6C-0808	5.5/7.5	50	8	14.5	93	186	279	372	465	558	651	744	837			
KS6C-0809	5.5/7.5	50	9	14.5	105	210	315	420	525	630	735	840	945			
KS6C-1012	7.5/10.0	50	12	18.0	140	280	420	560	700	840	980	1120	1260			
KS6C-1313	9.3/12.5	50	13	22.5	152	304	456	608	760	912	1064	1216	1368			
KS6C-1315	9.3/12.5	50	15	22.5	175	350	525	700	875	1050	1225	1400	1575			
KS6C-1516	11.0/15.0	50	16	26.0	187	374	561	748	935	1122	1309	1496	1683			
KS6C-1518	11.0/15.0	50	18	26.0	210	420	630	840	1050	1260	1470	1680	1890			
KS6C-1820	13.0/17.5	50	20	32.5	233	466	699	932	1165	1398	1631	1864	2097			
KS6C-2024	15.0/20.0	50	24	36.5	280	560	840	1120	1400	1680	1960	2240	2520			

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	HEAD IN METERS											
					GPM											
					LPM											
					M ³ /Hr											
KS6G-0502R	3.7/5.0	100	2	9.3	63	127	190	254	317	380	443	507	570			
KS6G-0603R	4.5/6.0	100	3	11.8	240	480	720	960	1200	1440	1680	1920	2160			
KS6G-0804R	5.5/7.5	100	4	14.5	4.0	8.0	12.0	16.0	20.0	24.0	28.0	32.0	36.0			
KS6G-1005R	7.5/10.0	100	5	18.0	14.4	28.8	43.2	57.6	72.0	86.4	100.8	115.2	129.6			
KS6G-1306R	9.3/12.5	100	6	22.5	23	46	69	92	115	138	161	184	207			
KS6G-1507R	11.0/15.0	100	7	26.0	82	164	246	328	410	492	574	656	738			
KS6G-1808R	13.0/17.5	100	8	32.5	94	188	282	376	470	564	658	752	846			
KS6G-2009R	15.0/20.0	100	9	36.5	105	210	315	420	525	630	735	840	945			
KS6G-2010R	15.0/20.0	100	10	36.5	117	234	351	468	585	702	819	936	1053			

Pump Model	Power Rating (kW/HP)	Del. Size (mm)	Stage	Full Load Current (Amps)	HEAD IN METERS											
					GPM											
					LPM											
					M ³ /Hr											
KS6J-0803	5.5/7.5	100	3	14.5	63	127	190	254	317	380	443	507	570			
KS6J-1004	7.5/10.0	100	4	18.0	240	480	720	960	1200	1440	1680	1920	2160			
KS6J-1305	9.3/12.5	100	5	22.5	4.0	8.0	12.0	16.0	20.0	24.0	28.0	32.0	36.0			
KS6J-1506	11.0/15.0	100	6	26.0	14.4	28.8	43.2	57.6	72.0	86.4	100.8	115.2	129.6			
KS6J-1807	13.5/17.5	100	7	32.5	34	68	102	136	170	204	238	272	306			
KS6J-2008	15.0/20.0	100	8	36.5	45	90	135	180	225	270	315	360	405			
KS6J-2510	18.3/25.0	100	10	45.5	63	127	190	254	317	380	443	507	570			

Note:
1. Method of starting - upto 7.5 HP will be DOL and above 7.5 HP will be star delta
2. Also available in 220 Volts rated – 1 PH pumpsets upto 5.0 HP

Kirloskar KS6

150 mm (6") Submersible Pumps



With a capacity of pumping up to 1,200 litres per minute, Kirloskar KS6 submersible pumps suitably fulfill the need for high volumes of water in agricultural applications. The pumps combine the best in design and built quality so as to provide high operational efficiency, performance and durability. Available from Kirloskar Brothers, one of the leading brands in pump manufacturing and design, you are assured of high performance and durability for years.

Pump

- **High Efficiency:** Innovations in pump design offer advantages of low power consumption and optimum efficiency, which translates into significant savings for customers.
- **Wide voltage range:** The pump performs optimally during voltage fluctuations, due to its ability to adapt to a wide input voltage range.
- **High quality sleeves and bearings:** Super-finished, water lubricated bush bearings, Nitrile rubber bushes, SS chrome-plated shaft sleeves reduce friction and enhance efficiency and durability.
- **Non-return valve (NRV):** An in-built sand flushing system combined with a specially designed NRV increases pump life, and prevents reverse water thrust into the motor.
- **Dynamically balanced rotating parts:** All rotating parts are dynamically balanced resulting in minimum vibration and trouble-free operations.
- **CED coated components:** All cast-iron components are CED-coated – providing 5 times more protection from corrosion compared to painted pumps.

Motor

- **Less speed drop:** The motor has been specially designed to run optimally during low voltages with minimum speed drops.
- **Teflon bearing:** Carbon thrust Teflon bearings enhance the life of the motor, and provides superior surface finish for minimum friction loss.
- **Sand guard:** An innovative sand guard system offers double-layer protection from sand ingress in the motor – leading to longer motor life.
- **Glycol-mixed water:** Glycol-mixed water in the motor improves anti-friction properties and prevents corrosion.

Applications

- Continuous water supply for farming and irrigation
- Fire fighting

Specifications

Head	: 11 to 276 metres
Discharge	: 60 to 1440 LPM
Motor Rating	: 3 to 25 HP
Borewell Size	: 150mm
Voltage Range	: 250 to 440 V

Material of Construction

Parts	Material	Grade
Motor body, Pump bowl, Suction & Delivery	Cast Iron	FG-200 / FG -260
Motor & Pump Bushes	Lead Tin Bronze	LTB-2
Motor & Pump Shaft	Stainless Steel	SS-410 / SS-431
Impeller	Noryl / Stainless Steel	30% Glass Filled / Cast Steel (SS 410)
Finish Rotor	Copper	EC grade
Thrust Bearing	Carbon + SS	Graphite Carbon + SS 420
Pump Bushes	Engg. Rubber	NRB-Nitrile Butadiene Rubber
Sleeves	Stainless Steel	SS 410 with Hard Chrome Plating

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