



Enriching Lives

KIRLOSKAR  
**KS6/7/8/9**  
Submersible  
Pumps



**KIRLOSKAR BROTHERS LIMITED**  
DISTRIBUTION SECTOR

## A HISTORY OF EXCELLENCE

Established in 1888 by the Late Shri Lakshmanrao Kirloskar, KBL stands as a monolith in the pump industry today. Our wings have spread to every nook and corner of the country - offering the widest range of products in the industry. In fact, KBL has evolved into an Indian multinational pump company with a subsidiary in the UK. Our 6 manufacturing facilities around India, located at Kirloskarwadi, Shirwal and Kondapuri in Maharashtra, Dewas in Madhya Pradesh, Coimbatore in Tamilnadu and Ahmedabad in Gujarat, manufacture pumps ranging from 0.25 to 16,000 HP for a wide array of applications.

We develop customer oriented solutions. So, whether it is heavy industry, small scale industry or a specific project, at KBL you will always find pumps, motors and valves which suit your needs best. Needless to say, all KBL products are meticulously designed and engineered to exacting quality standards, and then tested to the maximum limits and beyond, to ensure that they meet the all-encompassing goal of energy efficiency. Because, 'Energy saved is energy produced' has always been our guiding principle at KBL.

At KBL, it is our constant endeavour to provide customers the best in quality and price. To this end, we leave no stone unturned in our quest to ensure customers are more than just delighted with every KBL product they buy.



# KS6/7/8/9 Submersible Pumps

## Features

### Pump

- High efficiency ensures less power consumption for the same performance
- Operates over a wide voltage range, from 200 to 440 volts. Also, operates equally well with genset
- Non-overloading power characteristics
- Water lubricated, super finished bush bearings ensure minimum friction and hence high efficiency and longer operational life
- Optimally designed non-return valve reduces friction and hence higher discharge, prevents water hammer thus avoiding damage to motor, and is also provided with in-built sand flushing arrangement which ensures increased life of components
- Minimum possible diameters for easy installation even in tapered bore wells
- Dynamically balanced rotating parts ensure less vibrations during operation, low noise, long life of components and hence, long pump life
- Hard chrome plated shaft sleeves ensure long life of sleeves as well as pump
- World class cable ensures high reliability
- Sand fighter arrangement - Suction bush with rubber sand guard provided for longer life in sandy & cavity bore wells.
- CED coated cast iron components for long life and rust free operation

### Motor

- Wide voltage range from 200 to 440 Volts (capable of withstanding wide voltage fluctuations, which eliminates the chances of motor burnout at lower voltages)
- Specially designed motors with less speed drop so that even at low voltage, pump delivers water

- Teflon carbon thrust bearing - for long life, better surface finish and reduced friction losses
- Copper rotor ensures high efficiency
- Specially designed sand guard offers double layer protection from sand ingress in motor
- Glycol mixed water to improve anti-friction properties and prevent rust

## Material of Construction

Parts	KS 6" A/ B/ C / C'	KS 6" (D/EA/F/G/J, KS7,KS8,KS9)
Impeller	SS/Bronze Gr LTB2 /	Stainless Steel
	20% Glass Filled Noryl	
Diffuser	20% Glass Filled Noryl	-
Pump Bowl	-	High Graded Cast Iron
Motor Casing	Stainless Steel	Stainless Steel
Pump Shaft	Stainless Steel	Stainless Steel
Motor Shaft	Stainless Steel	Stainless Steel

## Applications

- Continuous water supply for farming and irrigation
- Fire fighting

## Range

Head	: 3 to 276 metres
Discharge	: 60 to 3300 LPM
Motor Rating	: 2 to 75 HP
Voltage Range	: 200 to 440 V



# KS8 Submersible Pumps

Performance chart of 200 mm (8") submersible (mixed flow) pump at 50hz frequency & 415 v rated voltage

PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current (Amps)	HEAD IN METERS										
				GPM	159	238	317	396	476	555	634	713	793	
				LPM	600	900	1200	1500	1800	2100	2400	2700	3000	
				LPS	10	15	20	25	30	35	40	45	50	
				M <sup>3</sup> /Hr	36	54	72	90	108	126	144	162	180	
KS8B-2502 A	125	18.3/25.0	45.0	43	41	38	36	33	30	26	21	14		
KS8B-3503 A	125	26.0/35.0	63.0	65	61	57	53	49	45	39	31	21		
KS8B-4504 A	125	33.5/45.0	81.0	86	81	76	71	65	60	52	41	28		
KS8B-6005 A	125	45.0/60.0	108.0	108	101	95	89	81	75	65	51	35		
KS8B-2002 B	125	15.0/20.0	36.5	40	37	36	33	32	27	24	18	11		
KS8B-2503 B	125	18.3/25.0	45.0	60	56	54	50	48	40	36	27	17		
KS8B-4004 B	125	30.0/40.0	72.0	82	77	73	67	62	57	48	37	24		
KS8B-1802 C	125	13.0/17.5	32.5	41	38	36	33	30	26	22	16	10		
KS8B-2003 C	125	15.0/20.0	36.5	61	57	53	50	45	39	32	24	15		
KS8B-3504 C	125	26.0/35.0	63.0	81	76	72	66	61	56	47	36	23		
KS8B-4505 C	125	33.5/45.0	81.0	101	95	89	83	75	65	54	40	24		
KS8B-1502 D	125	11.0/15.0	26.0	40	37	35	32	29	25	21	15	9		
KS8B-3004 D	125	22.0/30.0	54.0	79	74	69	64	58	50	41	30	18		
KS8B-4005 D	125	30.0/40.0	72.0	99	93	86	80	73	63	51	38	22		
KS8B-5006 D	125	37.3/50.0	90.0	119	111	104	96	87	75	62	45	26		
KS8B-1302 E	125	9.3/12.5	22.5	37	34	32	29	27	23	18	13	7		
KS8B-1803 E	125	13.0/17.5	32.5	56	51	48	44	40	34	27	19	11		
KS8B-1002 F	125	7.5/10.0	18.0	33	30	28	26	23	19	14	8	3		
KS8B-2504 F	125	18.3/25.0	45.0	66	60	56	52	46	37	28	16	6		

PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current (Amps)	HEAD IN METERS										
				GPM	127	190	254	317	285	380	444	507	571	
				LPM	480	720	960	1200	1080	1440	1680	1920	2160	
				LPS	8	12	16	18	21	24	28	32	36	
				M <sup>3</sup> /Hr	29	43	58	72	65	86	101	115	130	
KS8F-3006	100	22.0/30.0	54.0	108	100	92	85	79	74	61	43	22		
KS8F-3507	100	26.0/35.0	63.0	126	117	107	99	92	86	71	50	26		
KS8F-4008	100	30.0/40.0	72.0	144	133	123	113	105	99	81	57	29		
KS8F-4509	100	33.5/45.0	81.0	162	150	138	128	119	111	91	64	33		
KS8F-5010	100	37.3/50.0	90.0	180	167	153	142	132	123	101	71	37		
KS8F-6012	100	45.0/60.0	108.0	216	200	184	170	158	148	121	85	44		

PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current (Amps)	HEAD IN METERS										
				GPM	63	127	190	254	285	317	380	444	507	
				LPM	240	480	720	960	1080	1200	1440	1680	1920	
				LPS	4	8	12	16	18	20	24	28	32	
				M <sup>3</sup> /Hr	14	29	43	58	65	72	86	101	115	
KS8G-1002	100	7.5/10.0	18.0	39	36	33	29	28	26	21	16	8		
KS8G-1303	100	9.3/12.5	22.5	58	53	49	44	42	39	32	23	11		
KS8G-1804	100	13.5/17.5	32.5	77	71	65	59	56	52	43	31	15		
KS8G-2005	100	15.0/20.0	36.5	96	89	81	73	70	65	54	39	19		
KS8G-2506	100	18.3/25.0	45.0	116	107	98	88	83	78	64	47	23		
KS8G-3007	100	22.0/30.0	54.0	135	124	114	103	97	91	75	54	26		
KS8G-3508	100	26.0/35.0	63.0	154	142	130	117	111	104	86	62	30		
KS8G-4009	100	30.0/40.0	72.0	173	160	146	132	125	117	96	70	34		
KS8G-4510	100	33.5/45.0	81.0	193	178	163	147	139	130	107	78	38		



PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current (Amps)	HEAD IN METERS										
				GPM	63	127	190	222	254	285	317	360	444	
				LPM	240	460	720	840	960	1080	1200	1440	1680	
				LPS	4	8	12	14	16	18	20	24	28	
M <sup>3</sup> /Hr	14	29	43	50	58	65	72	86	101					
KS8P-0601 A	100	4.5/6.0	11.8	23	22	20	20	19	18	18	16	13		
KS8P-1302 A	100	9.3/12.5	22.5	46	43	40	39	38	37	35	32	26		
KS8P-2003 A	100	15.0/20.0	36.5	68	65	60	59	57	55	53	48	39		
KS8P-2504 A	100	18.3/25.0	45.0	91	86	80	78	76	73	70	64	52		
KS8P-3005 A	100	22.0/30.0	54.0	114	108	100	98	95	91	88	80	65		
KS8P-1803 B	100	13.0/17.5	32.5	65	60	56	54	53	51	48	40	29		
KS8P-1002 C	100	7.5/10.0	18.0	43	40	38	37	35	33	31	26	18		
KS8P-1503 C	100	11.0/15.0	26.0	65	60	56	55	53	50	48	40	29		
KS8P-2004 C	100	15.0/20.0	36.5	79	73	69	73	66	66	61	53	43		
KS8P-2505 C	100	18.3/25.0	45.0	96	92	87	91	82	83	77	67	53		
KS8P-1003 D	100	7.5/10.0	18.0	50	45	40	38	35	33	31	25	17		
KS8P-1804 E	100	13.0/17.5	32.5	71	63	57	54	51	48	45	33	16		
KS8P-0802 F	100	5.5/7.5	14.5	36	32	29	27	26	24	22	17	8		
KS8P-1504 G	100	11.0/15.0	26.0	66	60	53	50	47	44	41	33	22		

**Performance chart of 200 mm (8") submersible (radial flow) pump at 50hz frequency & 415 v rated voltage**

PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current (Amps)	HEAD IN METERS										
				GPM	48	79	95	111	127	143	159	190	222	
				LPM	180	300	360	420	480	540	600	720	840	
				LPS	3	5	6	7	8	9	10	12	14	
M <sup>3</sup> /Hr	11	18	22	25	29	32	36	43	50					
KS8D-1004	80	7.5/10.0	18.0	73	69	66	63	58	52	46	32	17		
KS8D-1305	80	9.3/12.5	22.5	91	86	83	78	73	65	58	40	21		
KS8D-1506	80	11.0/15.0	26.0	110	103	99	94	87	78	69	48	26		
KS8D-1807	80	13.0/17.5	32.5	128	120	116	109	102	91	81	56	30		
KS8D-2008	80	15.0/20.0	36.5	146	137	132	125	116	104	92	64	34		
KS8D-2510	80	18.3/25.0	45.0	183	171	165	156	145	130	115	80	43		
KS8D-3012	80	22.0/30.0	54.0	219	206	198	188	174	156	138	96	51		
KS8D-3514	80	26.0/35.0	63.0	256	240	231	219	203	182	161	112	60		

PUMP MODEL	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current (Amps)	HEAD IN METERS										
				GPM	48	79	111	143	174	206	238	269	301	
				LPM	180	300	420	540	660	780	900	1020	1140	
				LPS	3	5	7	9	11	13	15	17	19	
M <sup>3</sup> /Hr	11	18	25	32	40	47	54	61	68					
KS8E-1003	80	7.5/10.0	18.0	59	57	55	51	46	38	29	18	6		
KS8E-1504	80	11.0/15.0	26.0	79	76	73	68	61	51	39	24	8		
KS8E-1805	80	13.0/17.5	32.5	98	95	91	85	77	63	48	30	10		
KS8E-2006	80	15.0/20.0	36.5	118	114	109	102	92	76	58	36	12		
KS8E-2507	80	18.3/25.0	45.0	138	133	127	119	107	89	68	42	14		
KS8E-3009	80	22.0/30.0	54.0	177	171	164	153	138	114	87	54	18		
KS8E-3510	80	26.0/35.0	63.0	197	190	182	170	153	127	97	60	20		
KS8E-4012	80	30.0/40.0	72.0	236	228	218	204	184	152	116	72	24		
KS8E-4513	80	33.5/45.0	81.0	256	247	236	221	199	164	126	78	26		

Note:-

1. 150 mm (6") submersible motor designed for 200-440 Volts and 200 mm (8") submersible motor designed for 350-440 Volts
2. 150 mm (6") submersible motor available upto 25 HP, 200 mm (8") submersible motor available from 10 HP to 75 HP

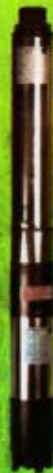
# KIRLOSKAR SUBMERSIBLE PUMPS



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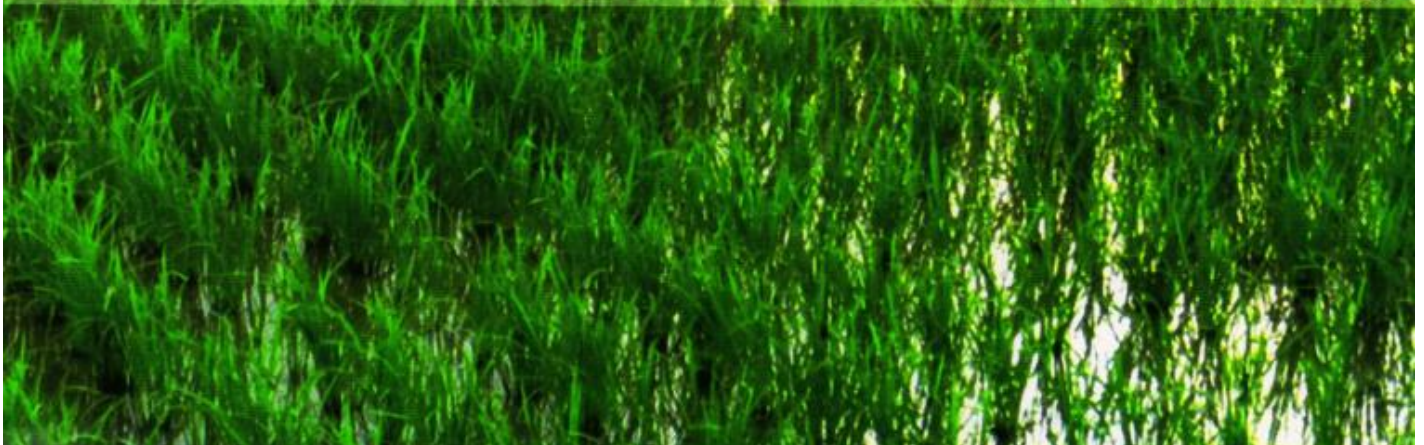
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**KS 6/7/8/9**  
Submersible Pumps



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