



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

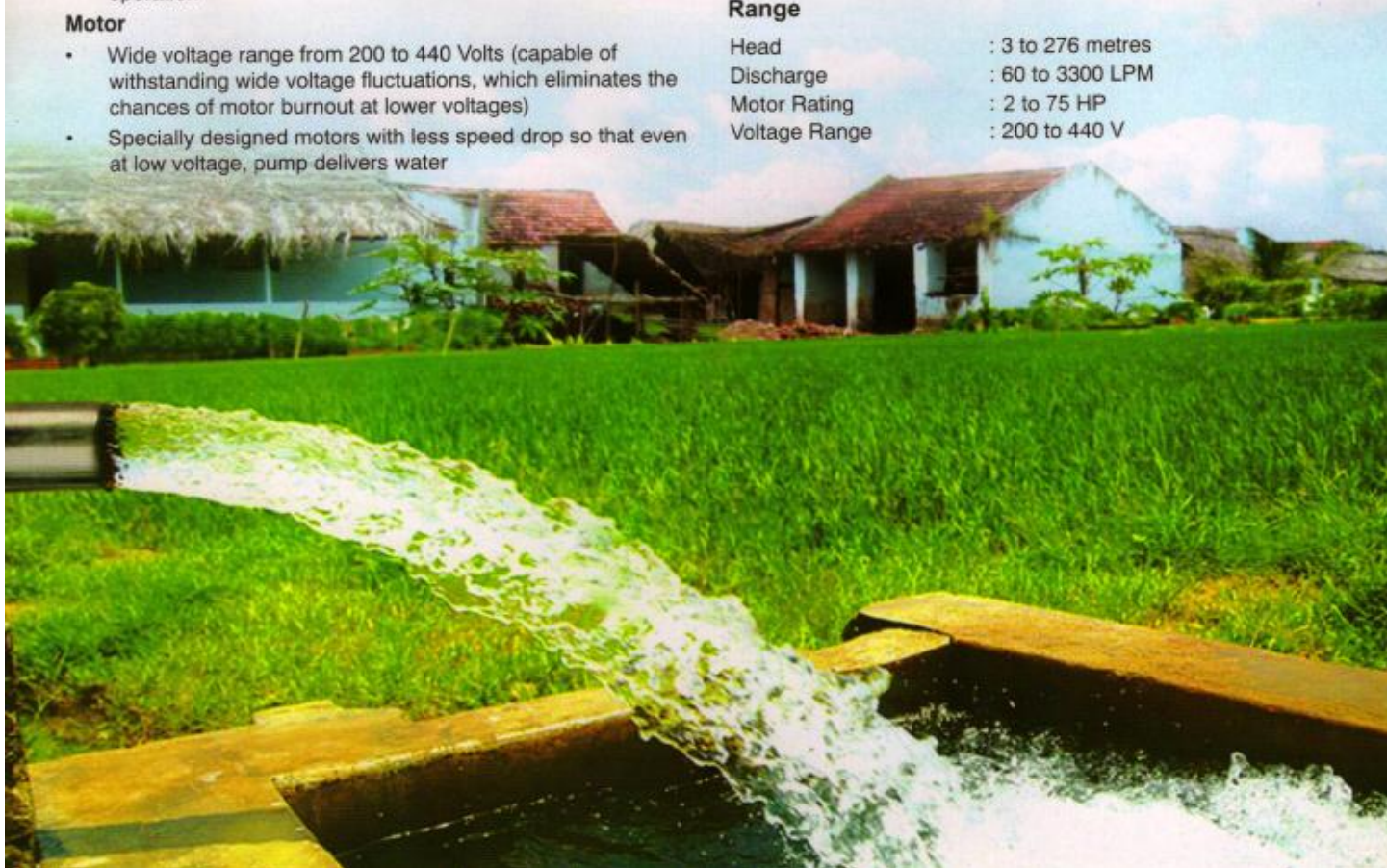
Parts	KS 6" A/ B/ C / C'	KS 6" (D/EA/F/G/J, KS7,KS8,KS9)
Impeller	SS/Bronze Gr LTB2 /	Stainless Steel
	20% Glass Filled Noryl	
Diffuser	20% Glass Filled Noryl	-
Pump Bowl	-	High Graded Cast Iron
Motor Casing	Stainless Steel	Stainless Steel
Pump Shaft	Stainless Steel	Stainless Steel
Motor Shaft	Stainless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



KS7 Submersible Pumps

Performance chart of 175 mm (7") submersible pump (mixed flow) at 50hz frequency & 415 v rated voltage

PUMP MODEL	Power Rating (kW/HP)	Del. Size (mm)	HP per STG	Full Load Current (Amps)	GPM	63	127	190	222	238	254	269	285	317	380	444
					LPM	240	480	720	840	900	960	1020	1080	1200	1440	1680
					LPS	4	8	12	14	15	16	17	18	20	24	28
					M ³ /Hr	14	29	43	50	54	58	61	65	72	86	101
					HEAD IN METERS	28	26	24	23	22	22	21	20	19	16	13
KS7P-1002 A	7.5/10.0	100	2	18.0	42	39	36	34	33	32	32	30	28	23	19	
KS7P-1503 A	11.0/15.0	100	3	26.0	70	65	60	52	51	54	48	45	46	39	31	
KS7P-2005 A	15.0/20.0	100	5	36.5	26	24	22	21	20	20	19	18	17	14	11	
KS7P-0802 B	5.5/7.5	100	2	14.5	39	36	33	31	30	29	29	27	25	20	16	
KS7P-1303 B	9.3/12.5	100	3	22.5	52	48	44	42	41	39	36	36	33	27	21	
KS7P-1504 B	11.0/15.0	100	4	26.0	24	22	20	19	19	18	18	17	16	13	8	
KS7P-0602 C	4.5/6.0	100	2	11.8	36	33	30	29	28	27	26	25	24	20	11	
KS7P-1003 C	7.5/10.0	100	3	18.0	48	44	40	38	37	36	35	34	32	26	15	
KS7P-1304 C	9.3/12.5	100	4	22.5	60	55	50	48	46	45	44	43	40	33	19	
KS7P-1505 C	11.0/15.0	100	5	26.0	84	77	70	67	65	63	61	60	56	46	26	
KS7P-2007 C	15.0/20.0	100	7	36.5	32	28	25	23	23	22	21	20	19	14	9	
KS7P-0803 D	5.5/7.5	100	3	14.5	42	37	33	31	30	29	28	27	25	19	11	
KS7P-1004 D	7.5/10.0	100	4	18.0	53	47	42	39	36	37	35	34	31	23	14	
KS7P-1305 D	9.3/12.5	100	5	22.5	63	56	50	47	45	44	42	41	37	28	17	
KS7P-1506 D	11.0/15.0	100	6	26.0	74	65	58	55	53	51	49	47	43	33	20	
KS7P-1807 D	13.0/17.5	100	7	32.5	84	75	67	62	60	58	56	54	49	37	23	

PUMP MODEL	Power Rating (kW/HP)	Del. Size (mm)	HP per STG	Full Load Current (Amps)	GPM	63	127	190	254	269	285	301	317	380	444	507
					LPM	240	480	720	960	1020	1080	1140	1200	1440	1680	1920
					LPS	4	8	12	16	17	18	19	20	24	28	32
					M ³ /Hr	14	29	43	58	61	65	68	72	86	101	115
					HEAD IN METERS	34	32	30	28	28	27	26	25	21	16	11
KS7B-1803 A	11.0/15.0	100	3	32.5	51	48	45	42	41	41	39	38	32	30	24	
KS7B-2504 A	15.0/20.0	100	4	45	68	64	60	56	55	54	52	50	42	40	32	
KS7B-1002 B	5.5/7.5	100	2	18.0	30	28	26	24	23	22	21	20	16	12	8	
KS7B-1503 B	9.3/12.5	100	3	26.0	50	42	44	35	34	33	32	30	24	30	23	
KS7B-2004 B	13.0/17.5	100	4	36.5	67	56	59	47	45	44	42	40	32	40	31	
KS7B-2505 B	15.0/20.0	100	5	45	83	70	73	59	56	55	53	50	40	50	38	
KS7B-1303 C	7.5/10.0	100	3	22.5	44	41	38	35	34	34	33	32	27	21	14	
KS7B-1804 C	11.0/15.0	100	4	32.5	60	54	52	47	45	45	43	42	36	26	16	
KS7B-2506 C	15.0/20.0	100	6	36.5	87	81	75	70	91	67	67	63	54	42	27	
KS7B-0802 D	4.5/6.0	100	2	14.5	24	22	20	18	17	17	16	15	11	8	5	
KS7B-1003 D	5.5/7.5	100	3	18.0	36	33	30	27	26	25	24	23	17	12	7	
KS7B-1304 D	7.5/10.0	100	4	22.5	48	44	40	36	35	33	31	31	22	16	9	

PUMP MODEL	Power Rating (kW/HP)	Del. Size (mm)	HP per STG	Full Load Current (Amps)	GPM	190	254	285	317	380	444	476	507	539	571	602
					LPM	720	960	1080	1200	1440	1680	1800	1920	2040	2160	2280
					LPS	12	16	18	20	24	28	30	32	34	36	38
					M ³ /Hr	43	58	65	72	86	101	108	115	122	130	137
					HEAD IN METERS	30	29	28	27	27	26	26	25	24	21	18
KS7C-1002 A	7.5/10.0	100	2	18	45	43	42	41	40	39	38	38	36	33	33	
KS7C-1503 A	11.0/15.0	100	3	26	60	57	56	54	53	52	51	50	48	44	44	
KS7C-2004 A	15.0/20.0	100	4	37	75	71	70	68	66	65	64	63	60	55	55	
KS7C-0802 B	5.5/7.5	100	2	15	28	27	26	25	24	23	23	22	20	16	12	
KS7C-1303 B	9.3/12.5	100	3	23	42	40	38	38	36	35	34	33	30	24	24	
KS7C-1504 B	11.0/15.0	100	4	26	54	53	51	50	48	46	45	44	40	32	32	
KS7C-1804 B	13.0/17.5	100	4	33	56	53	51	50	48	46	45	44	40	32	32	



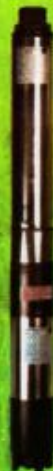
KIRLOSKAR SUBMERSIBLE PUMPS



KOSJ



KU3 / KU4



KS4-WF

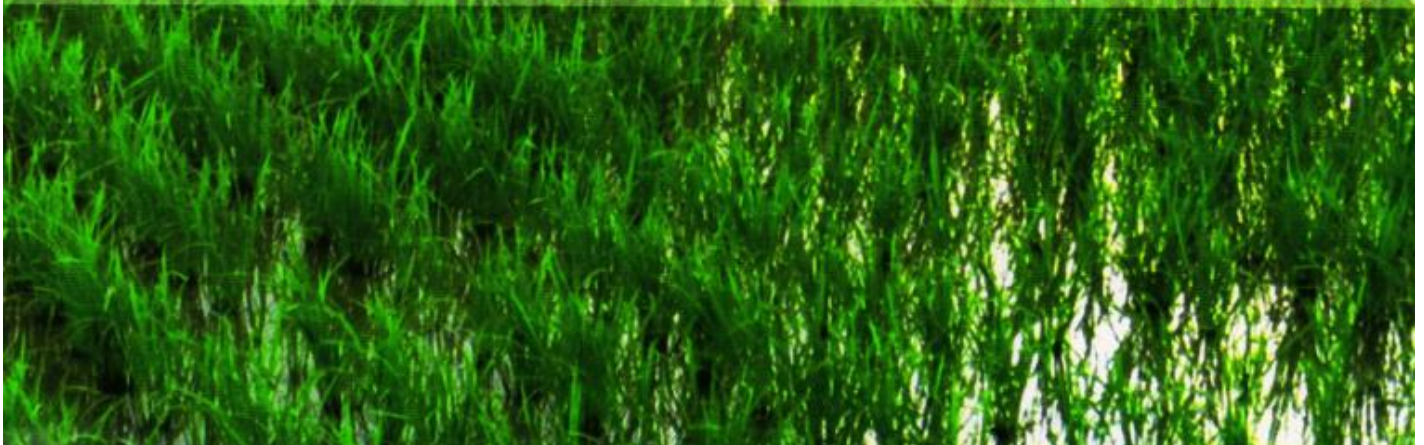


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KS 6/7/8/9

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