



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



KS9 Submersible Pumps



Performance chart of 225 mm (9") submersible (mixed flow) pump ks9 series at 50hz frequency & 415 v rated voltage

PUMP MODEL	Del. Size (mm)	Power Rating (kW)	Power Rating (HP)	Motor Size (mm)	HEAD IN METERS	GPM	79	159	238	317	396	476	555	634	713	793	872
						LPM	300	600	900	1200	1500	1800	2100	2400	2700	3000	3300
						LPS	5	10	15	20	25	30	35	40	45	50	55
						M ³ /Hr	18	36	54	72	90	108	126	144	162	180	198
KS9A-1301	125.0	9.3	12.5	150 MM		28	26	25	24	23	22	21	20	18	16	8	
KS9A-2502	125.0	18.3	25.0	150 MM		55	52	49	47	45	43	39	36	32	26	10	
KS9A-2502	125.0	18.3	25.0	200 MM		55	52	49	47	45	43	42	40	36	32	16	
KS9A-4003	125.0	30.0	40.0	200 MM		63	78	74	71	68	65	63	60	54	48	24	
KS9A-5004	125.0	37.0	50.0	200 MM		110	104	98	94	90	86	84	80	72	64	32	
KS9A-6005	125.0	45.0	60.0	200 MM		138	130	123	118	113	108	105	100	90	80	40	
KS9B-3002	125.0	22.0	30.0	200 MM		60	56	54	50	48	45	41	36	32	26	12	
KS9B-4503	125.0	33.5	45.0	200 MM		90	84	81	75	72	68	62	54	48	39	18	
KS9C-1001	125.0	7.5	10.0	150 MM		24	22	21	20	19	17	16	14	11	8	4	
KS9C-2002	125.0	15.0	20.0	150 MM		47	45	43	40	38	35	31	27	22	17	8	
KS9C-2002	125.0	15.0	20.0	200 MM		47	45	43	40	38	35	31	27	22	17	8	
KS9C-3003	125.0	22.0	30.0	200 MM		71	67	64	60	56	52	47	41	33	25	12	
KS9C-4004	125.0	30.0	40.0	200 MM		94	89	85	80	75	69	62	54	44	33	16	
KS9C-5005	125.0	30.0	50.0	200 MM		118	111	106	100	94	86	78	68	55	41	20	
KS9C-6006	125.0	45.0	60.0	200 MM		141	134	128	120	113	104	93	81	66	50	24	

Note:-

1. 150 mm (6") submersible motor designed for 200-440 Volts and 200 mm (8") submersible motor designed for 300-440 Volts
2. 150 mm (6") submersible motor available upto 25 HP, 200 mm (8") submersible motor available from 10 HP to 75 HP 3.200 mm (8") submersible motor designed for 300-440 Volts
4. KS9 pumps can be supplied with 150 mm (6") motors up to 25 HP with voltage range from 200-440 Volts

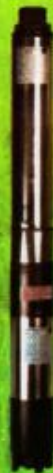
KIRLOSKAR SUBMERSIBLE PUMPS



KOSJ



KU3 / KU4



KS4-WF

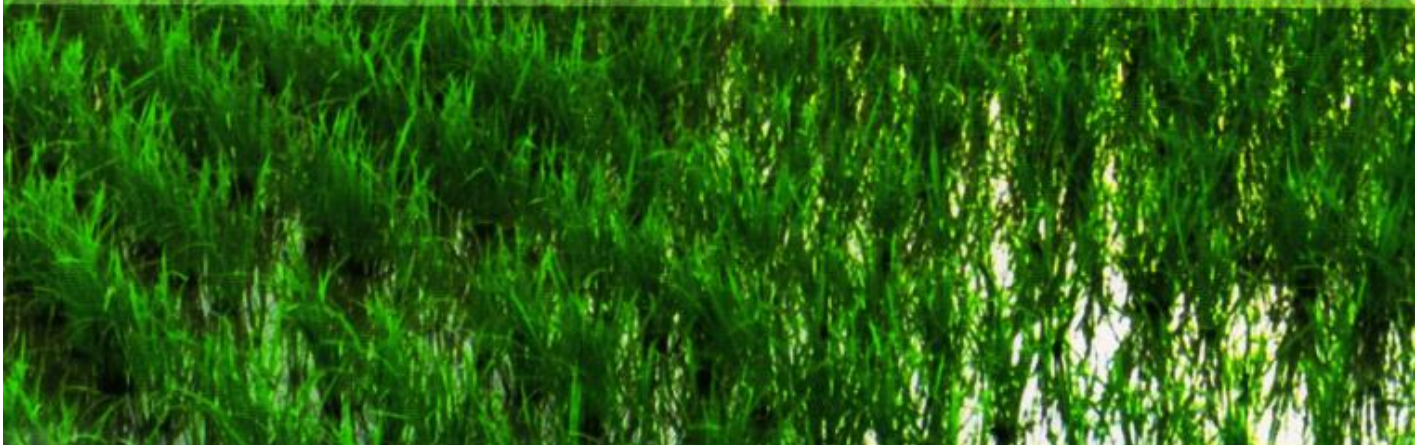


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KS 6/7/8/9

Submersible Pumps



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