



Enriching Lives



KS9

22.5 CM BOREWELL
SUBMERSIBLE PUMPS



STRENGTHENED BY
99.9%
PURE EC GRADE
COPPER
WINDING WIRES

BUY ELECTRIC PUMPS WITH PURE COPPER WINDING WIRES ONLY.
ENQUIRE BEFORE BUYING.

ALWAYS BUY PUMPS WITH



and



LOGOS ON PACKAGING

KS9

22.5 CM BOREWELL SUBMERSIBLE PUMPS

TECHNICAL SPECIFICATION

Head	- Up to 114 Metres
Discharge Range	- Up to 3150 LPM
Power Rating	- 15 to 45 kW / 20 to 60 HP
Voltage Range	- 350 to 440 Volts (Three Phase)
Insulation	- B Class
Type of Cooling	- Water Cooled
Protection	- IP68

MATERIAL OF CONSTRUCTION

Impeller	- Stainless Steel
Stage Casing/Bowl	- Cast Iron
Pump Shaft	- Stainless Steel
Motor Body	- Stainless Steel
Motor Shaft	- Stainless Steel
Finished Rotor	- Copper
NRV	- Cast Iron
Suction	- Cast Iron
Pump / Motor Bushes	- LTB
Thrust Bearing	- Carbon + SS

APPLICATIONS

- Irrigation in horticulture & agriculture
- Domestic and community water supply
- Sprinkler and drip irrigation
- Rural water supply
- Ground water supply to water works

FEATURES

Wide Voltage Motor Designs with Copper Rotor

Motors are designed with extra overload capacities, more water spaces and engineered with 99.9% pure Electro Grade Copper rotor performs well in low voltage with minimum discharge drops and suitable for wide voltage applications.

Dynamically Balanced Rotating Parts

Minimum vibration protects components from damage during the operation, thus ensures consistent performance over longer time period as concentricity is maintained.

Longer and Trouble Free Life

High grade engineering materials like Graded Cast Iron Components, Stainless Steel Shaft, Stainless Steel Impellers, Bronze Bushes, Heavy duty Carbon + SS Thrust Plate, 99.9 % Electro Grade Copper Rotor and Winding Wires for longer and trouble free life.

High Efficiency and Energy Saving Design

Innovative design manufactured at state of art plant, delivers optimum efficiency at lower energy consumption resulting in significant cost savings.

CED – Cathodic Electro Deposition

CED is the latest coating technology for corrosion resistance with uniform coating, provides 5 times more protection over conventional painting, resulting in longer life. All major CI parts of Kirloskar pumps coming in contact with the water are CED coated.

Design to Prevent Overloading

Lesser chances of motor burning even if the pump operates at lower head than recommended as motor does not get overload thus ensures substantial saving from maintenance cost and breakdown.

Glycol-mixed Water

Motors filled with specially developed Glycol mixed water to improve the anti-freezing properties of motor and prevent corrosion.

Advanced Water Cooled Motors Designs

The motor is filled with potable water, protects from overheating and facilitates smoother and trouble free operation for the years.

**PERFORMANCE CHART FOR 22.5 CM BOREWELL SUBMERSIBLE PUMPSETS - KS9A SERIES
AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY**

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	0	1300	1600	1900	2200	2500	2800	3150	
		kW	HP			3PH		m³/h	0	78	96	114	132	150	168	189
1	KS9A - 2502	18.50	25.0	2	125	48.0	Head in Meters	55	46	43	40	36	32	27	20	
2	KS9A - 4003	30.0	40.0	3	125	76.0		82	68	64	60	55	49	40	30	
3	KS9A - 5004	37.0	50.0	4	125	85.0		110	91	86	80	73	65	54	40	
4	KS9A - 6005	45.0	60.0	5	125	100.0		137	114	107	100	91	81	67	50	

**PERFORMANCE CHART FOR 22.5 CM BOREWELL SUBMERSIBLE PUMPSETS - KS9C SERIES
AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY**

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	0	1800	2000	2200	2400	2600	2800	3000
		kW	HP			3PH									
						m³/h									
1	KS9C - 2002	15.0	20.0	2	125	39.0	Head in Meters	50	37	34	32	29	26	22	19
2	KS9C - 3003	22.0	30.0	3	125	57.0		75	55	52	48	44	39	33	28
3	KS9C - 4004	30.0	40.0	4	125	76.0		99	73	69	64	58	52	45	38
4	KS9C - 5005	37.0	50.0	5	125	85.0		124	91	86	81	73	66	56	47
5	KS9C - 6006	45.0	60.0	6	125	100.0		149	110	103	97	88	79	67	56

KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company



We are now on WhatsApp to assist you better

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