

A Complete Solution provider

For your Agriculture and
Domestic Applications



Enriching Lives



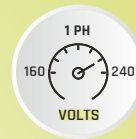
KS3 PURNA

8 CM BOREWELL
SUBMERSIBLE PUMPS



High Efficiency And Energy Saving Design

Higher output, lesser
power consumption.



Wide Voltage Range Operability

Protects the motor from burning
due to lower/higher voltage



Graded Cast Iron Components with CED coating

Better protection from corrosion
this results in longer life.



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

ALWAYS BUY PUMPS WITH



Enriching Lives

and



LOGOS ON PACKAGING

KS3 PURNA

8 CM BOREWELL SUBMERSIBLE PUMPS (WATER COOLED)

FEATURES

Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 160 to 240 volts and reduces motor burning in low voltage.

Design To Prevent Overloading

Lesser chances of motor burning as motor did not get overloaded even if the pump is operated at a head lower than recommended and saving substantial cost from maintenance and breakdown.

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.

Dynamically Balanced Rotating Parts

Minimum vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.

Longer And Trouble Free Life

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

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.

Wide Voltage Motor Designs With 100% Copper Rotor

Motors are designed with extra overload capacities, more water spaces and engineered with 100% pure Electro Grade Copper performs well in low voltage with minimum discharge drops and suitable for wide voltage applications.

Easy Maintainable Designs

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi-skilled technicians.

TECHNICAL SPECIFICATION

Power Ratings	-	0.37 to 1.1 kW / 0.5 to 1.5 HP
Head Range	-	Upto 56 metres
Discharge range	-	Upto 95 LPM
Voltage Range	-	160 to 240 volts (Single Phase)
Type of cooling	-	Water Filled
Protection	-	IP 68
Insulation	-	B class

MATERIAL OF CONSTRUCTION

Pump Housing	-	Stainless Steel
Pump Shaft	-	Stainless Steel
Motor Housing	-	Stainless Steel
Motor Shaft	-	Stainless Steel
Thrust Bearing	-	Carbon + Stainless Steel
Motor/Pump Bushes	-	Gun Metal
Impeller	-	Noryl
Diffuser	-	Noryl
NRV	-	Cast Iron
Suction	-	Cast Iron

APPLICATIONS

- Domestic and community water supply
- Rural water supply
- Gardening and small farm irrigation
- Construction site
- Water supplies for high rise building

Performance Chart for 8 CM Borewell Submersible Pumpsets "KS3 PURNA" series at
rated voltage of 220 Volts | Single Phase | Frequency 50 Hz | AC supply

S. No.	Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current	LPM	0	30	40	50	57	65	75	95
		kW	HP			1Ø	M ³ /h	0.0	1.8	2.4	3.0	3.4	3.9	4.5	5.7
1	KS3 PURNA-0505	0.37	0.50	5	32	4.4	Head in Meters	22	19	17	15	13	12	10	5
2	KS3 PURNA-0808	0.55	0.75	8	32	6.0		34	30	26	23	21	18	15	8
3	KS3 PURNA-1010	0.75	1.00	10	32	7.8		43	37	33	29	26	23	19	10
4	KS3 PURNA-1312	0.93	1.25	12	32	9.7		52	44	40	35	31	28	23	12
5	KS3 PURNA-1515	1.1	1.50	15	32	10.5		65	56	50	44	39	35	29	15

Note:

The head range given in bold characters is the recommended head range; selection of pumps within this range are recommended.

This chart's performance is based on IS: 8034 standard test conditions.

Information, statistics, specifications, descriptions, and pictures are subject to change without notice due to continuous improvement and developments.

KIRLOSKAR BROTHERS LIMITED

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FOR SERVICE OF PUMPS

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