

# KIRLOSKAR PUMPS



Enriching Lives

## HASTI - 0514N

0.5 HP Monobloc Pump for  
Agricultural & Domestic Applications



STRENGTHENED BY  
99.9%  
PURE EC GRADE  
**COPPER WINDING  
WIRES**



**'F'CLASS  
Insulation**

### KEY FEATURES

**Thermal Overload  
Protector (TOP)**



Prevents the motor from  
burning due to overloading

**Totally Enclosed  
Fan Cooled (TEFC) Motor**



Protect motor from  
dust & water

**Wide Voltage Range  
Operability (160 V - 240 V)**



Protect the motor from burning  
due to lower/higher voltage

**Shielded Ball  
Bearing**



Lifetime lubricated ball bearings,  
maintenance-free & longer life

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

ALWAYS BUY PUMPS WITH



and



LOGOS ON PACKAGING

**KIRLOSKAR BROTHERS LIMITED**

Established 1888

A Kirlokar Group Company

# HASTI - 0514N

## 0.5 HP Monobloc Pump for Agricultural & Domestic Applications

### Features

#### ➤ Wide Voltage Design

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

#### ➤ Designed 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.

#### ➤ 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.

#### ➤ Replaceable Wearing Parts

All wearing parts within the pumps are easily accessible and replaceable which facilitates ease of maintenance thereby extending the life of the pump.

#### ➤ Automatic Air Release

Automatically releases air when the pump starts ensuring swifter and smoother operations, thus eliminating the necessity of operating air release cock.

#### ➤ CED – Cathodic Electro Deposition

CED is the latest coating technology for corrosion resistance with uniform coating. It 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.

#### ➤ Shielded Ball Bearing

The pumps are fitted with shielded ball bearing which results in low noise level and so no external lubrication is required throughout the life cycle.

#### ➤ 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.

### Technical Specifications

Head Range	Up to 13.5 meters
Capacity Range(LPS)	Up to 3.85 LPS
Power Rating	0.37 kW/ 0.50 HP
Phase	Single
Voltage Range	160 - 240 Volts
Insulation Class	'F' Class
Protection	IP44

### Material of Construction

➤ Impeller	: Noryl
➤ Delivery Casing	: Cast Iron
➤ Motor Body	: Aluminium
➤ Shaft	: Carbon Steel
➤ Cover NDE	: Aluminium
➤ Seal	: Carbon Vs. Ceramic

### Applications

- Gardening and Irrigation
- Lawn sprinklers
- Water supply for domestic use in high- rise Apartments, Buildings and Hotels



#### PERFORMANCE CHART FOR 'HASTI' SERIES, 2 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METERS								
							9	9.5	10	10.5	11	11.5	12	13	13.5
		kW	HP	SUC.	DEL		DISCHARGE IN LPS								
1	HASTI 0514N	0.37	0.5	40	40	200	3.85	3.7	3.5	3.4	3.2	3.05	2.9	2.5	2.2

#### Note:

- Performance under standard test conditions and may vary on site conditions.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.

## KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

**Registered Office & Global Headquarters:** "Yamuna", Survey No. 98/(3 to7), Plot No. 3, Baner, Pune - 411 045, Maharashtra, India **Tel:** +91 (20) 27214444, **Email:** marketing@kbl.co.in, **Website:** www.kirloskarpumps.com  
**CIN No.:** L29113PN1920PLC000670

### FOR SERVICE OF PUMPS



We are now on WhatsApp to assist you better

**9922710710**

(OR) Call on Toll Free Number:

**1800 123 4443**