



Enriching Lives



# STAR

0.5 HP

SELF-PRIMING PUMP



**KIRLOSKAR BROTHERS LIMITED**  
A Kirloskar Group Company

# STAR

## 0.5 HP

### Self-priming Pump

Kirloskar Star has been designed to complement various domestic applications – adding to your convenience, indoors and outdoors. From filling your overhead water tanks to watering your gardens, Kirloskar Star can assist you easily. Because of its light weight, ease of installation and self-priming capabilities, you can use the pump virtually anywhere in your home, without the need of investing in additional pumps for multiple applications.

The Star pump is equipped with features that position Kirloskar among the leaders in the industry. From a capacitor-based start-and-run motor to a thermal overload protector, low-voltage operation, and high tensile, cast iron casing – all designed to offer unmatched performance that lasts for years.

#### PRODUCT SNAPSHOT

##### Range and Technical Specification

Head	: 6 to 28 meters
Capacity	: 2,700 to 450 LPH
Power Rating	: 0.37 kW / 0.5 HP
Voltage Range	: 180 to 255 Volts

##### Construction Material

Impeller	: Bronze
Delivery Casing	: Cast Iron
Motor Body	: Aluminum
Mounting Casing	: Cast Iron
Pump Shaft	: Carbon Steel (Chrome Plated)



#### Self-priming up to 7.5 meters with suction lift:

The pump has self-priming capability up to 7.5 meters with high suction lift, allowing you to pump water at high pressures for various applications.



#### Wide voltage range – to offset fluctuations:

The pump motor is designed to perform optimally during low voltage and fluctuations due to its ability to adapt to a wide input voltage range of 180 to 255 volts.



#### Thermal overload protector for motor safety:

The pump motor features a Thermal Overload Protector that shields the motor from overloading, protecting the motor and associated circuit from the effects of faulty current.



#### Unique motor design for greater durability:

The motor includes a special capacitor to start and run the pump and a totally enclosed fan cools the motor, protecting it from overheating.



#### Class “B” insulation and IP Protection:

The pump features Class “B” insulation and meets IP44 standards of protection, shielding the pump from ingress of foreign bodies and damage due to extreme temperatures and faulty current.



#### Double-shielded ball bearings:

To minimize friction and vibration which results in faster wear and tear, the pump is fitted with double-shielded ball bearings – eliminating the need for external lubrication.



#### Lightweight for easy portability:

The Star pump has a lightweight design for easy handling. It's compact size and weight enables you to use the pump easily, anywhere, for various applications.



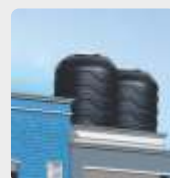
#### Extruded aluminum motor body:

The pump construction facilitates an extruded motor body built with high quality aluminum, and a chrome-plated shaft that provides high resistance to corrosion.

#### APPLICATIONS

##### Water supply for:

- Bungalows, apartments, hotels, and farmhouses
- Lawn sprinklers, overhead tanks and gardening
- Water circulation in industrial facilities



#### PERFORMANCE CHART

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT	RATED VOLTAGE	TOTAL HEAD IN METERS						
	kW	HP	SUC.	DEL.			6	10	14	18	22	24	28
							DISCHARGE IN LITRES PER HOUR						
STAR	0.37	0.5	25	25	2.6	240	2700	2250	1890	1460	1080	600	450

\* Star available in Non Self Priming model also.

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