



Enriching Lives

# Kirloskar **SP** 3HH

10 HP / 2900 RPM, SELF-PRIMING PUMP

**Pump large volumes  
with high head**



**KIRLOSKAR BROTHERS LIMITED** – Distribution Sector

# Kirloskar

## SP 3HH

10 HP / 2900 RPM, SELF-PRIMING PUMP

The ability to discharge large volumes of fluid with a high head makes the Kirloskar SP 3HH ideal for pumping fluids in construction, manufacturing and public utilities. Powered with a 10HP motor running at 2900 RPM, the pump provides the pressure you need to meet high head requirements.

The pump is packed with features such as overload protection, non-clogging impeller, dynamically-balanced rotating parts and lubricated, deep-groove bearings – which together provide trouble-free operation, low maintenance and long life to the pump. Built by Kirloskar Brothers Limited, one of the leading pump manufacturers in India, you are assured of the highest workmanship and performance, for years.

### Product Snapshot:

#### Range and Technical Specification

Head	: 24 to 46 metres
Capacity	: 19 to 2 LPS
Power Rating	: 7.5 Kw / 10 HP
Voltage Range	:
Rated Speed	: 2900 RPM

#### Construction Materials

Impeller	: Cast Iron (Bronze LTB2 Optional)
Delivery Casing	: Cast Iron
Shaft	: Stainless Steel
Sleeve	: Stainless Steel
Sealing	: Gland Packed



#### Flatter efficiency curve

The pump employs innovations in design and construction to produce a flatter efficiency curve – enhancing operational efficiency and pump life.



#### Overloading protection

The pump has been designed to prevent overloading and thereby protects the motor from burning out – saving substantial maintenance and breakdown costs.



#### Self-Priming

The pump's self-priming capability automatically releases air when starting the pump to ensure swifter and smoother operations.



#### Non-clogging impeller

The impeller features a wider-opening to facilitate suspended particles and solids, protecting the impeller from clogging and downtime.



#### Dynamically balanced rotating parts

All rotating parts are dynamically balanced to ensure minimum vibration and protect components from damage during the pump's operation.



#### Portability

When fitted on a trolley, the pump becomes highly portable – making it easy to use in diverse locations and applications.



#### Lubricated, deep groove ball bearings

To minimize friction and reduce wear and tear, the pump is fitted with grease lubricated, deep groove ball bearings.

### Applications:

- Industrial** : Pumping water, petroleum, chemicals, effluents and ash-water
- Machinery** : Cooling water for engines and shovels
- Construction** : Draining water from foundations, trenches and pits
- Public Utilities** : Draining sewage, rain water and flooding
- Buildings** : Draining basements of high-rises, malls, hospitals and hotels



### Performance Chart

PUMP MODEL	MOTOR RATING		PIPE SIZE		IMPELLER DIA (mm)	TOTAL HEAD IN METERS								SOLID SIZE (mm)	RATED SPEED (rpm)	
	KW	HP	SUC.	DEL.		22	24	28	32	36	40	44	46			47
SP 3HH	7.5	10	80	80	194		19	18	16.5	12.5	8.5	4.5	2		14.5	2900

## KIRLOSKAR BROTHERS LIMITED

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