

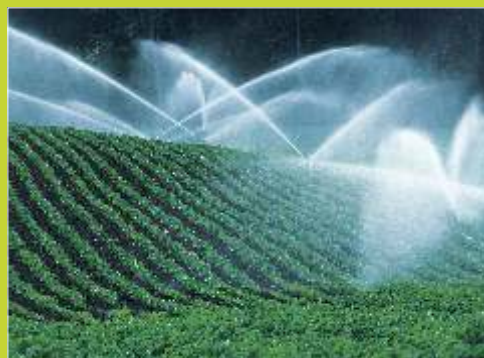
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KIRLOSKAR BROTHERS LTD.

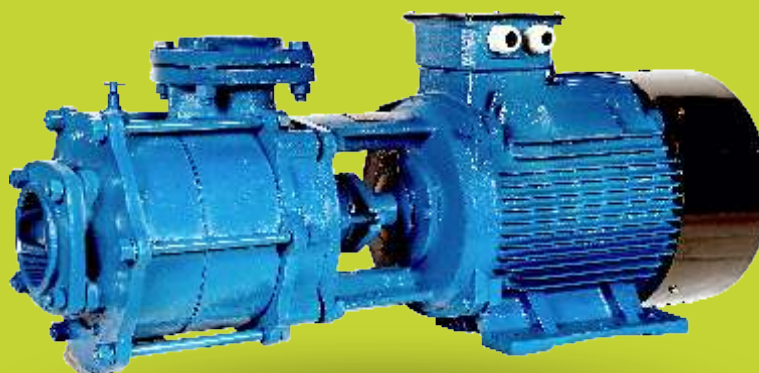


Enriching Lives



SRF

THREE PHASE
MONOBLOC PUMPS



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

KIRLOSKAR PUMPS

TECHNICAL SPECIFICATION

Head Range	:	Upto 94 metres
Discharge Range	:	Upto 28.5 lps
Power Ratings	:	18.3 to 22 kW (25 to 30 HP)
Voltage Range	:	300 to 440 Volts (Three Phase)
Insulation	:	F Class
Protection	:	IP 55

MATERIAL OF CONSTRUCTION

Impeller	:	Cast Iron
Delivery Casing	:	Cast Iron
Motor Body	:	Cast Iron
Pump Shaft	:	Carbon Steel
Sealing	:	Gland Packed

APPLICATIONS

- Fire fighting systems
- Clear water handling at high pressure in industries
- Water supplies for high rise building
- Irrigation in horticulture & agriculture
- Washing and cleaning systems

FEATURES

Flatter Efficiency Curve

Minimum variations in efficiency during entire operating range increases the utility of pumpset for variable conditions.

Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 350 to 440 volts and reduces motor burning in case of low voltage.

Designed to Prevent Overloading

Lesser chances of motor burning as the motor does not get overloaded even if the pump is operated at a head lower than recommended, thus ensuring substantial cost savings due to low maintenance and breakdown.

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.

Dynamically Balanced Rotating Parts

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

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.

Automatic Air Release

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

High Efficiency And Energy Saving Design

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

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

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METRES														
		kW	HP	SUC.	DEL.		32	36	40	44	48	52	56	60	64	68	72	76	80	90	94
		DISCHARGE IN LITRES PER SECOND																			
1	SRF-2570	18.3	25	100	100	415	-	-	23.0	21.5	20.2	19.2	18.0	16.0	14.3	12.0	8.0	-	-	-	-
2	SRF-3085	22	30	100	100	415	28.5	28.0	26.5	25.0	24.0	22.8	21.5	20.0	18.3	17.2	15.8	13.6	11.5	3.5	-
3	SRF-3095	22	30	100	100	415	-	-	-	-	-	-	-	-	-	19.3	19.1	17.5	16.0	10.0	6.0

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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Service Toll-Free No.

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