



Enriching Lives

Kirloskar MINI SUBMARINE

CHOS: OPEN-WELL SUBMERSIBLE PUMP

Self-priming enables instant operation. No foundation
to facilitate easy installation. Noiseless & vibration-free
ensures low maintenance and long life.



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Kirloskar Mini Submarine is ideal for pumping water from open-wells, tanks or sumps, especially where there is a wide fluctuation in the water level. The pump can simply be set at the bottom of the water body or tank, without the need for any elaborate installation.

Kirloskar Mini Submarine offers exceptional efficiency and reliability of operation – all due to Kirloskar Brothers' unmatched experience and technology in pump engineering. The pump sets the bar in construction and materials used – thereby offering you a product of high quality and durability, and low maintenance.



Applications:

Water supply for:

- fountains, sumps and water tanks
- apartments, buildings and hotels
- gardening and small farm irrigation

Product Snapshot:

Range and Technical Specification

Head	: 6 to 30 meters
Capacity	: 8,640 to 1,620 LPH
Power Rating	: 0.37 Kw / 0.5 HP to 0.75 Kw / 1.0 HP
Voltage Range	: 160 to 220 volts (single phase)

Material of Construction

Impeller	: Noryl
Delivery Casing	: Cast Iron
Shaft	: Stainless Steel
Motor Body	: Stainless Steel
Mounting Casing	: Cast Iron
Cover NDE	: Cast Iron

High performance and reliability



Designed for underwater applications

Kirloskar Mini Submarine has been specially designed using materials that can withstand corrosion while submerged in water. Available in variants of up to 1.0 HP motor, the pump can discharge high volume of water efficiently and economically.



Carbon Thrust Pads enhances efficiency

Carbon thrust pads in submersible pump motors enhances efficiency and performance, even in low-voltage conditions. Its high resistance to corrosion and extreme temperatures reduces wear and tear – and increases life of the pump.



Wide Voltage Range – to balance fluctuations

The pump is designed to perform optimally during low voltage and fluctuations due to its ability to adapt to a wide input voltage range of 160 to 220 volts.



Noiseless operation for longer pump life

The Mini Submarine features dynamically balanced rotating parts that reduce vibration and noise, thereby leading to longer life of components.

Designed for easy and convenient usage



No priming and foot valve required

By virtue of being a submersible pump, the Mini Submarine does not require priming and foot valve, thereby giving you the convenience of using the pump instantly, anywhere.



No foundation required for installation

The pump can be submerged directly in water and start operations without the need of building a foundation or a pump housing facility.

Built for durability and low maintenance



Robust construction and raw materials used

The best of raw materials have been sourced to construct the Mini Submarine, including Stainless steel shaft and body, and cast iron casing to provides maximum resistance to corrosion.

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	26	30
	DISCHARGE IN LITRES PER HOUR												
CHOS-518	0.37	0.5	25	25	5.5	220		6390	5265	3960	1800		
CHOS-134	0.75	1.0	25	25	8.0	220	8640	7560	7020	5985	4725	3285	1620

Note : Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.

KIRLOSKAR BROTHERS LIMITED

(CIN – L29113PN1920PLC000670)

Registered Office:

Udyog Bhavan, Tilak Road,
Pune 411 002, Tel: +91 20 2444 0770
Fax: +91 20 2444 0156

Corporate Office:

'YAMUNA', Survey No. 98 (3-7), Baner, Pune 411045
Tel: +91-2027214444. Email: mktg.dis@kbl.co.in.

www.kirloskarpumps.com

Regional Sales Offices:

Ahmedabad – (079) 26583739.
Chennai – (044) 28157769.
Kochi – (0484) 2206651.
Nagpur – (0712) 2234275.

Bangalore – (080) 23619914.
Dewas – (07272) 227302.
Kolkata – (033) 24615065.
New Delhi – (011) 41501055.

Bhopal – (0755) 4218341.
Jaipur – (0141) 2223830.
Lucknow – (0522) 2326367.
Pune – (020) 24440770.

Bhubaneswar – (0674) 2536421.
Jamshedpur – (0) 9430935888.
Mumbai – (022) 25289320.
Secunderabad – (040) 6687470.



Service Toll Free Number:
1800 103 4443



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