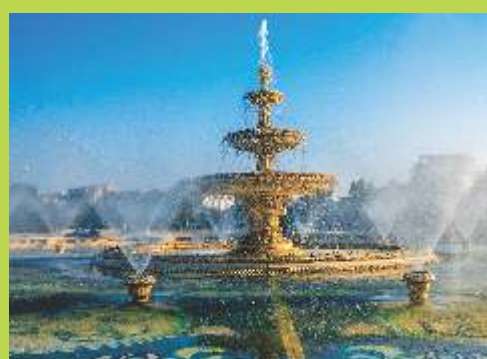




Enriching Lives



PUMBA PUZHA

CENTRIFUGAL
MONOBLOC PUMP



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company

PUMBA PUZHA

Centrifugal Monobloc Pump

Kirloskar Pumba Puzha is a compact and light weight pump suitable for various applications. Featuring a monobloc design, the pump delivers the benefits of a simple, compact and economical installation – enabling you to use the pump anywhere, quickly and effortlessly.

The pumps motor and impellers are designed to give the best possible hydraulic efficiency and suction, which translates to a higher discharge so you can fill your overhead water tanks or water your lawns and gardens in lesser time. Its design includes dynamically balanced rotating parts to reduce vibration, state-of-the-art electrical system and a carbon steel shaft – all adding up to offer high efficiency and durability within a small footprint. Available from Kirloskar Brothers, the leader in pump design and manufacture, you are assured of the product's excellence and performance reliability.

PRODUCT SNAPSHOT

Range and Technical Specification

Head	: 12 to 20 metres
Capacity	: 6588 to 540 LPH
Power Rating	: 0.37 kW / 0.5 HP
Voltage Range	: 180 to 240 Volts (single phase)

Construction Material

Impeller	: Noryl
Pump Shaft	: Carbon Steel
Delivery Casing	: Cast Iron
Mounting Casing	: Cast Iron
Motor Body	: Extruded Aluminum
Cover NDE	: Aluminum
Mechanical Seal	: Carbon Ceramic



Works with wide input voltage (180 – 240V)

The pump has the capacity to work with wide input voltage range, thereby enhancing performance while reducing damage to electrical parts.



Thermal overload protector

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



Class “B” insulation

All electrical parts are shielded with Class “B” insulation, thereby protecting electrical components and its insulation from damage due to extreme temperatures with the use of super enameled copper winding wire in the motor.



High grade materials for a robust construction

Long-lasting, close-grained cast iron casing, aluminium motor body for better heat dissipation, carbon steel shaft and high-tensile Noryl impeller – together present a robust construction for high performance and durability.



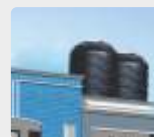
Mechanical seal for higher quality and longer life

The pump is sealed by a mechanical process that enhances the quality and life of the seal thereby preventing electrical and water leakage during its operation.

APPLICATIONS

Water supply for:

- Bungalows, apartments, hotels and farmhouses
- Fountains, sumps and water tanks
- Gardening and small farm irrigation



PERFORMANCE TABLE

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT	RATED VOLTAGE	TOTAL HEAD IN METRES				
	kW	HP	SUC.	DEL.			12	14	16	18	20
							DISCHARGE IN LITRES PER HOUR				
PUMBA PUZHA	0.37	0.5	25	25	2.6	220	6588	5940	4248	2628	540

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

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