



Enriching Lives



CMS

0.5 - 1 HP, 1440 RPM
SELF-PRIMING PUMP



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company

CMS

0.5 - 1 HP, 1440 RPM

Self-priming Pump

If you are in need of a pump that offers the advantages of worry-free operation, low maintenance and high durability, look no further. The CMS Series pumps from Kirloskar Brothers Limited have been specially designed to give you a superior performance - for years and years. Thanks to its slow-speed, 1,440 RPM motor, the pump produces less noise and vibration that results in lesser wear and tear of components, leading to longer life of the pump.

Unmatched durability combined with class-leading features such as self-priming, low-voltage operation, thermal overload protector, and high-tensile, cast iron casing makes the CMS pump ideal for boosting water systems in bungalows, apartments and farmhouses.

PRODUCT SNAPSHOT

Range and Technical Specification

Head	: 10 to 38 meters
Capacity	: 2,570 to 500 LPH
Power Rating	: 0.37 kW / 0.5 HP to 0.75 kW / 1.0 HP
Voltage Range	: 180 to 240 Volts (single phase)

Construction Material

Impeller	: Brass
Pump Shaft	: Carbon Steel
Delivery/Mounting Casing	: Cast Iron
Motor Body	: Cast Iron
Cover NDE	: Cast Iron
Mechanical Seal	: Carbon Ceramic



Self-priming up to 7.5 metres

The pump features self-priming technology (sucks water automatically), doing away with the inconvenience of filling water to start the pump.



Works with wide input voltage (180 – 240V)

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



Unique motor design

The motor includes a special capacitor to start and run the pump and a totally enclosed fan cools the motor, protecting it from over-heating and damaging electrical parts.



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 motors.



Brass impellers

The CMS pumps feature impellers made of brass which has very high anti-corrosive properties and built to provide trouble-free service.



Thermal Overload Protector

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



High-tensile, cast iron pump casing

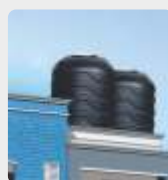
The pump's casing is made of close-grained cast iron that provides high-tensile strength and a very smooth finish - resulting in low friction and longer life.



Sturdy and rigid construction

Its sturdy design reduces vibration and enhances performance in domestic applications.

APPLICATIONS



Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.



Useful in home water booster systems, lawn sprinklers, overhead tanks and water for gardens.

PERFORMANCE CHART

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT	RATED VOLTAGE	TOTAL HEAD IN METERS							
	kW	HP	SUC.	DEL.			10	14	18	22	26	30	34	38
							DISCHARGE IN LITRES PER HOUR							
CMS 525	0.37	0.5	25	25	4.5	240	2236	2052	1782	1449	1026	522		
CMS 140	0.75	1.0	25	25	6.5	240	2570	2520	2410	2270	2020	1580	1000	500

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OUR COMPANIES



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