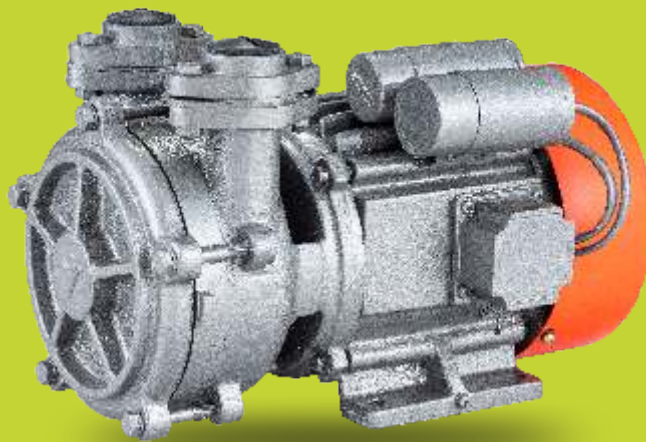




Enriching Lives



CMS N
0.5 - 1 HP, 1440 RPM
SELF-PRIMING PUMP



STRENGTHENED BY
99.9%
PURE EC GRADE
COPPER
WINDING WIRES

BUY ELECTRIC PUMPS WITH PURE COPPER WINDING WIRES ONLY. ENQUIRE BEFORE BUYING.

ALWAYS BUY PUMPS WITH



and



LOGOS ON PACKAGING

CMS N

0.5 - 1 HP, 1440 RPM
Self-priming Pump

TECHNICAL SPECIFICATION

Head	: Upto 42 meters
Capacity	: Upto 3820 LPH
Power Rating	: 0.37 to 0.75 kW (0.5 to 1 HP)
Voltage Range	: 180 to 240 Volts (Single Phase)

MATERIAL OF CONSTRUCTION

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

APPLICATIONS

- Water supply to over head tanks in bungalows
- Gardens/fountains
- Feed water to RO plants
- Domestic water supply
- Construction site
- Home pressure boosting
- Car Washing
- Lawn sprinklers

FEATURES

High Suction Lift

The pump has suction lift capacity up to 7.5 meters with high head, allowing to pump water at high volumes for a variety of applications.

High Quality Aluminum Motor Body

Special grade aluminum motor body provides high resistance to corrosion, better heat dissipation and lowers its overall weight for great portability.

TOP - Thermal Overload Protector

The pumpset features a Thermal Overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.

Handle To Enhance Grip And Portability

A handle attached to the pump allows user to carry the pump anywhere, adding to its portability and convenience of use.

Easy Maintainable Designs

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi-skilled technicians.

Shielded Ball Bearing

The pumps are fitted with shielded ball bearing so no external lubrication required through life cycle and low noise level.

High Efficiency and Energy Saving Design

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

Dynamically Balanced Rotating Parts

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

PERFORMANCE CHART FOR OF 'CMS' SERIES, 4 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE 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		5	6	9	11	13	15	17	19	21	23	25	26
							DISCHARGE IN LITRES PER HOUR											
1	CMS 525N	0.37	0.5	25	25	220	3300	3200	2920	2710	2520	2300	2050	1810	1520	1120	850	700

PERFORMANCE CHART FOR OF 'CMS 140N', 4 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE 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		7	11	15	17	19	21	23	25	30	34	38
							DISCHARGE IN LITRES PER HOUR										
1	CMS 140N	0.75	1.0	25	25	220	3820	3650	3420	3310	3150	2980	2825	2650	2160	1750	1340

Note:

- Performance under standard test conditions and may vary on site conditions.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KIRLOSKAR BROTHERS LIMITED

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A Kirloskar Group Company



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