

# CMS

## SELF PRIMMING PUMPS

### 1440 RPM SERIES



#### Features

- Motor casing upto 3.0 meters at mean sea level
- Motor can withstand with wide voltage fluctuation from 180-240Volts
- Unique Motor design: TEF C - capacitor Start & run motor. Eliminating centrifugal Switch.
- Fitted with high quality & long life mechanical seal.
- Fitted with Thermal Overload Protector (TOP) for safety of Motor.
- Sturdy & rigid construction, no need of external lubrication.
- Pump casing made of closed grains cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- Brass impeller is used to give trouble free services.

#### Material of Construction (Standard Supply)

Impeller	Brass
Pump shaft	Carbon steel
Delivery Casing	Cast Iron
Motor Body	Cast Iron
Cover NDE	Cast Iron
Mechanical seal	Carbon ceramic

#### Applications

- Best supply for domestic use in Bungalows, Apartments, Hotels, Resorts etc.
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens.

#### Technical Specifications

Head	25/70 to 83 meters
Capacity	0.37 Kw/ 0.5 LPH to 0.75 Kw/ 1.0 HP to 1.80 to 940 W/HP (1 phase)
Power Rating	
Voltage Range	

#### PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING KW / HP	PIPE SIZE (mm)	FILL LOAD (in litres)	START VOLTAGE (Vrms)	TOTAL HEAD IN METRES					CAPACITY IN LITRES PER HOUR								
					6	10	14	18	22	26	30	34	38					
CMS180	0.37	0.5	25	235	2250	2350	2450	2550	2650	2750	2850	2950	3050	3150	3250	3350	3450	3550
CMS250	0.75	1.0	25	235	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200

Note: Performance is based on mean of total of specific gravity, and capacity of the pump.

