

## DOMESTIC PRODUCT RANGE



**TINY**



**JALRAAJ PUMPS SERIES**



**Pearl**



**POPULAR LV**



**WONDER III**



**KIRLOSKAR MINI PUMP**



**TWINKLE**



**KIRLOSKAR STAR SELF PRIMING**



**SUPER Star**



**CMS SELF PRIMING PUMPS 1440 RPM SERIES**



**SPLASH**



**CRYSTAL**



**MINI 40S**



**MINI 50S**



**MEGA 54S Single Phase Monobloc Pumps**



**THUNDER**



**WAVE**



**POPULAR**



**NEW AQUA SERIES**



**NEW LIFTER SERIES PUMP**



**V FLOW**



**CHHOTU PUMPS**



**CBR SELF PRIMING PUMPS 1440 RPM SPDP MOTOR**



**KSW SHALLOW WELL PUMPS**



**KJ Deep-well Jet Pumps**



**KOS M Openwell Submersible Pumps**



**KOS N Openwell Submersible Pumps**



**CHOS Pump CBE Open Well Pump**



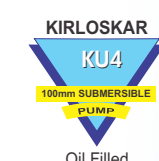
**KIRLOSKAR KU3 80mm SUBMERSIBLE PUMP Oil Filled**



**KIRLOSKAR KS3 75mm SUBMERSIBLE PUMP Water-Filled**



**KIRLOSKAR KS4 100mm SUBMERSIBLE PUMP Water Filled**



**KIRLOSKAR KU4 100mm SUBMERSIBLE PUMP Oil Filled**

# CMS

## SELF PRIMMING PUMPS

### 1440 RPM SERIES



#### Features

- Self-priming up to 3.0 meters at mean seal level.
- Motor can withstand with wide voltage fluctuation from 180- 240Volts
- Unique Motor design- TEFC - capacitor Start & run motor Eliminating centrifugal Switch.
- 'B' class of insulation.
- Fitted with high quality & long life mechanical seal.
- Fitted with Thermal Overload Protector (TOP) for safety of Motor.
- Both Side Shielded ball bearing, no need of external lubrication.
- Sturdy & rigid construction.
- 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 servicesz

#### Material of Construction (Standard Supply)

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

#### Applications

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

#### Technical Specifications

Head : 10 to 38 meters  
 Capacity : 2570 to 500 LPH  
 Power Rating : 0.37 Kw/ 0.5 HP to 0.75 Kw/ 1.0 HP  
 Voltage Range : 180 to 240 Volts (1 phase)

#### PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METRES								
	kW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38
	CAPACITY IN LITRES PER HOUR														
CMS525	0.37	0.5	25	25	4.5	240	2236	2052	1782	1449	1026	522			
CMS140	0.75	1.0	25	25	6.5	240	2570	2520	2410	2270	2020	1580	1000	500	

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