

KIRLOSKAR PUMPS

100
1920
2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives

Self Priming Pumps

Mini Range Pumps For Domestic Applications



CMS



CBR 140



AQUA



V-FLOW

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

KIRLOSKAR PUMPS

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.

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

TECHNICAL SPECIFICATION

		V Flow		AQUA				CMS and CBR 140			
Head	:	Upto 50 meters		Upto 41 meters				Upto 42 meters			
Capacity	:	Upto 2560 LPH		Upto 3200 LPH				Upto 3348 LPH			
Power Rating	:	0.37-0.75 kW (0.5-1.02 HP)		0.37-1.1 kW (0.5-1.5 HP)				0.37 to 0.75 kW (0.5 to 1 HP)			
Voltage range	:	180 to 240 Volts (Single Phase)		180 to 240 Volts (Single Phase)				180 to 240 Volts (Single Phase)			

PERFORMANCE CHART FOR 'V-FLOW' SERIES, 2 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Full Load Current (Amps)	Rated Voltage (Volts)	TOTAL HEAD IN METERS											
		kW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42	46	50
		DISCHARGE IN LITRES PER HOUR																	
1	V FLOW	0.37	0.5	25	25	4.5	240	-	2439	2250	2043	1773	1457	1134	729	-	-	-	-
2	V FLOW-1	0.75	1	25	25	7.6	240	2560	2520	2420	2260	2060	1840	1620	1380	1140	860	280	140

PERFORMANCE CHART FOR 'AQUA' SERIES, 2 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Full Load Current (Amps)	Rated Voltage (Volts)	TOTAL HEAD IN METERS												
		kW	HP	SUC.	DEL.			3	6	8	10	12	14	15	18	22	24	26	30	36
		DISCHARGE IN LITRES PER HOUR																		
1	AQUA-50	0.37	0.5	12	12	2.8	220	1200	1100	1080	900	765	670	300	-	-	-	-	-	-
2	AQUA-60	0.37	0.5	12	12	2.8	220	-	1620	1570	1485	1415	1350	1300	1170	945	800	600	-	-
3	AQUA STREAM	0.37	0.5	25	25	3.5	240	-	1640	1590	1545	1490	1440	1420	1350	1215	1145	1060	835	540
4	AQUA-100	0.75	1	25	25	3.3	220	-	2160	2025	1930	1810	1750	1710	1580	1440	1360	1300	1105	780
5	AQUA-150	1.1	1.5	25	25	8.8	220	-	3200	2950	2880	2835	2790	2745	2655	2520	2430	2340	2160	1890

PERFORMANCE CHART FOR OF 'CMS/CBR' 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)		Full Load Current (Amps)	Rated Voltage (Volts)	TOTAL HEAD IN METERS									
		kW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42
		DISCHARGE IN LITRES PER HOUR															
1	CMS 525	0.37	0.5	25	25	4.5	240	-	2236	2052	1782	1449	1026	522	-	-	-
2	CMS 140	0.75	1	25	25	6.5	240	-	2570	2520	2410	2270	2020	1580	1000	500	-
3	CBR 140	0.75	1	25	25	7.6	240	3348	3105	2808	2448	2088	1764	1440	1116	828	432

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Service Toll-Free No.

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