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2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives



KAM

SINGLE PHASE
MONOBLOC PUMPS



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

KIRLOSKAR PUMPS

KAM

SINGLE PHASE MONOBLOC PUMPS

TECHNICAL SPECIFICATION		FEATURES	
Head Range	: Upto 19 metres	Wide Voltage Design	The motor is designed to withstand wide voltage fluctuations from 350 to 440 volts and reduces motor burning in case of low voltage.
Discharge Range	: Upto 14.2 lps	Automatic Air Release	Automatically releases air when the pump starts which ensures swifter and smoother operations, thus eliminating the necessity of operating air release cock and ensures swifter and smoother operations.
Power Ratings	: 0.37 to 1.1 kW/ (0.5 to 1.5 HP)	Flatter Efficiency Curve	Minimum variations in efficiency during entire operating range increases the utility of pumpset for variable conditions.
Voltage Range	: 120 to 220 Volts (Single Phase Low Voltage) 180 to 240 Volts (Single Phase)	Design to Prevent Overloading	Lesser chances of motor burning as motor did not get overloaded even if the pump is operated at a head lower than recommended and saving substantial cost from maintenance and breakdown.
Insulation	: B Class	Dynamically Balanced Rotating Parts	Minimum vibrations protect components from damages during the operations, thus ensuring consistent performance as concentricity is maintained.
Protection	: IP 44	CED – Cathodic Electro Deposition	CED is the latest coating technology for corrosion resistance with uniform coating. It provides 5 times more protection over conventional painting, resulting in longer life. All major CI parts of Kirloskar pumps coming in contact with the water are CED coated.
MATERIAL OF CONSTRUCTION		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.
Impeller	: Cast Iron	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.
Delivery Casing	: Cast Iron		
Motor Body	: Cast Iron		
Pump Shaft	: Carbon Steel		
APPLICATIONS			
<ul style="list-style-type: none"> • Gardening and small farm irrigation • Lawn sprinklers • Construction site • Domestic and community water supply • Water transfer and circulation 			

PERFORMANCE CHART FOR 'KAM' 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)		Rated Voltage (Volts)	TOTAL HEAD IN METRES															
		kW	HP	SUC.	DEL		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							DISCHARGE IN LITERS PER SECOND															
1	KAM-0 LV	0.37	0.5	25	25	200	-	-	-	-	-	-	-	1.8	1.6	1.4	1.2	1.0	0.8	0.5	0.3	0.1
2	KAM-05*	0.5	0.75	40	40	200	-	-	-	-	-	4.8	4.0	3.2	2.4	-	-	-	-	-	-	-
3	KAM-11	0.75	1	80	80	200	13.5	12.5	11.0	9.5	7.5	-	-	-	-	-	-	-	-	-	-	-
4	KAM-11 LV	0.75	1	80	80	160	13.5	12.5	11.0	9.5	7.5	-	-	-	-	-	-	-	-	-	-	-
5	KAM-15	1.1	1.5	80	80	230	-	-	-	-	-	14.2	13.0	12.0	11.0	9.0	6.5	-	-	-	-	-
6	KAM-15 LV*	1.1	1.5	80	80	200	-	-	-	-	-	14.2	13.0	12.0	11.0	9.0	6.5	-	-	-	-	-

LV Denotes - Low Voltage.

Note: * Marked pumps are ISI certified.

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Service Toll-Free No.

1800 103 4443