



Enriching Lives



KSMB
STAINLESS STEEL
MONOBLOC PUMPSETS



ALWAYS BUY PUMPS WITH



Enriching Lives

and



LOGOS ON PACKAGING

KSMB

STAINLESS STEEL MONOBLOC PUMPSETS

FEATURES

Stainless Steel – Wetted Components

All wetted components are made of Stainless Steel which made it suitable for handling various liquids.

Mechanical Seal

Superior quality of mechanical seal ensures zero leakage, lower friction loss, protects from wearing of shaft, thus resulting in easy maintenance and longer life.

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.

Superior Hydraulics

Superior hydraulics due to advanced manufacturing processes provides efficiency at par with international standard.

Dynamically Balanced Rotating Parts

Minimum vibration protect components from damage during the operation, thus ensuring consistent performance as concentricity is maintained.

Lightweight and Compact Design

Constructed with special grade engineering materials, the pump sports a compact design for ease of handling and installation.

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.

Designed to Prevent Overloading

Lesser chances of motor burning as it does not get overloaded even if the pump is operated at a heat lower than recommended, thus ensuring substantial cost saving due to low maintenance and breakdown.

TECHNICAL SPECIFICATION

Head Range	- Up to 50 Metres
Discharge Range	- Up to 18 LPS
Power Rating	- 0.75 to 7.5 kW(1 to 10 HP)
Voltage Range	- 350 to 440 Volts (Three Phase)
Insulation	- F Class
Protection	- IP44 / Ip55
pH Value	- 5 to 9
Liquid Temperature	- -10°C to 85°C (upto 3 HP)
Range	- -20°C to 100°C (5 HP and above)
Maximum Ambient Temperature	- 40°C

MATERIAL OF CONSTRUCTION

Impeller	- Stainless Steel
Delivery Casing	- Stainless Steel
Motor Body	- Cast Iron
Pump Shaft	- Stainless Steel
Mechanical Seal	- Carbon vs Ceramic (Up to 3 HP) Carbon vs Silicon Carbide (5 HP and above)
Guarding Plate	- Stainless Steel
Rubber Parts	- NBR

APPLICATIONS

- Pharmaceutical industries
- Food processing
- Demineralising plant
- Air conditioning and refrigeration systems
- Dairy and beverages

PERFORMANCE CHART FOR KSMB SERIES, STAINLESS STEEL MONOBLOC PUMP, AT RATED VOLTAGE, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY

Sr. No.	PUMP MODEL	Model Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METERS											
		kW	HP	SUC.	DEL.		10	12	14	16	18	20	22	24	26	28	30	
							DISCHARGE IN LITRES PER SECOND											
1	KSMB 129	0.75	1.0	32	25	415	-	-	2.5	2.4	2.3	2.1	1.8	1.5	1.1	0.6	-	
2	KSMB 116	0.75	1.0	40	32	415	4.2	3.3	2.1	0.5	-	-	-	-	-	-	-	
3	KSMB 1.516	1.1	1.5	50	32	415	-	5.6	4.8	3.5	-	-	-	-	-	-	-	
4	KSMB 220	1.5	2.0	50	32	415	-	-	6.5	5.6	4.8	3.8	1.2	-	-	-	-	
5	KSMB 324	2.2	3.0	50	32	415	-	-	-	5.5	4.7	3.9	2.8	0.7	-	-	-	
6	KSMB 328	2.2	3.0	40	32	415	-	-	6.9	6.3	5.8	5.2	4.4	3.4	2.3	0.5	-	
7	KSMB 532+	3.7	5.0	65	40	415	-	-	13.9	13.2	12.3	11.3	10.2	8.9	7.4	5.0	-	
							28	30	32	34	36	38	40	42	44	46	50	
8	KSMB 548+	3.7	5.0	50	32	415	7.0	6.5	5.5	5.7	5.5	5.0	4.3	2.5	-	-	-	
9	KSMB 834+	5.5	7.5	65	40	415	11.5	10.8	9.5	8.0	6.5	-	-	-	-	-	-	
10	KSMB 1051+	7.5	10.0	65	40	415	-	-	-	-	18.0	17.8	17.0	15.6	13.5	10.9	4	

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.

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