

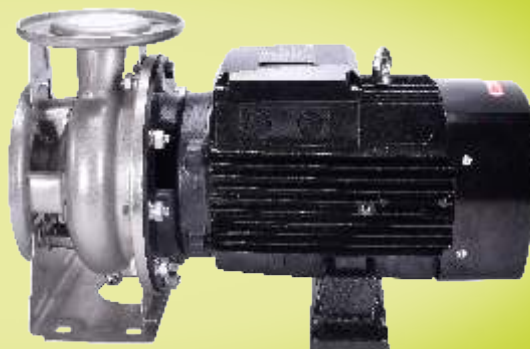


Enriching Lives



KSMB

SS - Monobloc Pumpsets



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

KSMB

SS - Monobloc Pumpsets

TECHNICAL SPECIFICATION

Head Range	: Upto 50 meters
Discharge Range	: Upto 17.8 lps
Power Ratings	: 0.75 to 7.5 kW (1 to 10 HP)
Voltage Range	: 350 to 440 Volts (Three Phase)
Insulation	: F Class
Protection	: IP 44 / IP 55
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	: 40°C Temperature

MATERIAL OF CONSTRUCTION

Impeller	: Stainless Steel
Delivery casing	: Stainless Steel
Motor Body	: Cast Iron
Pump shaft	: Stainless Steel
Mechanical Seal	: Carbon vs Ceramic (upto 3 HP) Carbon vs Silicon- : Carbide (above 5 HP)
Guarding Plate	: Stainless Steel
Rubber parts	: NBR

APPLICATIONS

- Pharmaceutical Industries
- Food Processing
- Demineralising plant
- Air conditioning and refrigeration system
- Dairy and beverages

FEATURES

Stainless Steel – Wetted components

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

Mechanical Seal

Superior quality of mechanical seal ensures zero leakage, lower friction loss, protect wearing of shaft resulting 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 vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.

Lightweight and Compact design

Constructed with special grade engineering materials, compact designs 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.

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.

PERFORMANCE CHART FOR 'KSMB' SERIES, SS MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pump Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METERS										
							10	12	14	16	18	20	22	24	26	28	30
		kW	HP	SUC.	DEL.		DISCHARGE IN LITRES PER SECOND										
1	KSMB 129	0.75	1.0	40	25	415	-	-	2.5	2.4	2.3	2.1	1.8	1.5	1.3	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	3.6	-	-	-	-	-	-	-
4	KSMB 220	1.5	2.0	50	32	415	-	-	6.2	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	2.2	0.5	-
7	KSMB 532+	4.0	5.5	65	40	415	-	-	13.9	132	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+	4.0	5.5	50	32	415	6.8	6.2	5.5	4.8	4.0	3.2	2.3	-	-	-	-
9	KSMB 834+	5.5	7.5	65	40	415	9.5	7.9	6.3	4.7	2.5	-	-	-	-	-	-
10	KSMB 1051+	7.5	10	65	40	415	-	-	-	-	-	17.8	17.0	15.6	13.5	10.9	4.0

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