

CENTRIFUGAL MONOSET PUMPS MB Series



Crompton Greaves Centrifugal Monoset Pumps - MB Series are designed and manufactured for optimum efficiency to cater to different needs of water handling. The pump range is suitable for a wide range of applications in Agricultural, Domestic, Commercial and Industrial areas.

Features

- Monoset construction.
- Wide range to suit a variety of requirements.

- Wide voltage band and suitability for operating at low voltages.
- High efficiency, less power consumption.
- Pumps with stainless steel sleeve for less shaft wear.
- Trouble free operations with low maintenance.
- Compact size, less space.
- Robust design suitable for adverse conditions.
- Sealing - Gland packing or mechanical seal.

Applications

- Irrigation.
- Buildings, bungalows.
- Sprinkler and drip irrigation.
- Lift irrigation.
- Construction sites.
- Hotels, dairies, hospitals.
- Gardens, small farms.
- Ornamental fountains.
- Industries.

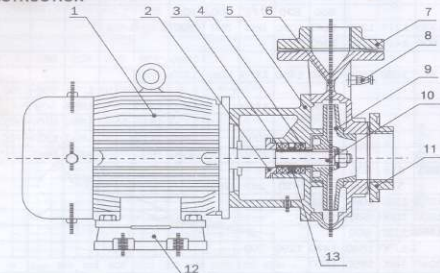
Standard Specifications

- **Range :** 1P -1.1 to 3.7kW (1.5 to 5.0HP)
3P -1.5 kW to 22.5 kW (2.0 HP to 30.0 HP).
- **Supply :** 415 V, 50Hz, 3 phase, 225V, 50 Hz, 1 Phase AC
- **Pipe size :** 50 x 40 mm to 100 x 100 mm.
- **Operating Temperature :** Suitable upto 65°C water.
- **Total head :** Upto 75 metres.
- **Capacity :** Upto 2140 LPM.
- **Liquid :** Clear Water.
- **Rotation :** Clockwise as viewed from motor end.

Electric Motor

- TEFC, SCR, 2 or 4 Pole (3000 or 1500 RPM Syn. Speed). Electric Motor for 415V, 50Hz, 3 phase, and 225V, 50 Hz, 1 Phase AC supply. With class 'F' Insulation and temperature rise restricted to class 'B'. Suitable for ambient temperature upto 40°C.
- Special motors with different enclosures, supply voltage, frequency and ambient temperature can be offered on request.

CONSTRUCTION



Gland Packing Arrangement

No.	PART	MATERIAL
1	Motor	-
2	Gland	Graded Cast Iron
3	Sleeve	Stainless Steel (AISI 410)
4	Gland Packing Set	Threaded Graphite Cotton
5	Adaptor	Graded Cast Iron
6	Volute Casing	Graded Cast Iron
7	Delivery Flange	Graded Cast Iron
8	Air Cock	Brass
9	Impeller	Graded Cast Iron
10	Shaft	EN-8
11	Suction Flange	Graded Cast Iron
12	Base Plate	Graded Cast Iron
13	Lantern Ring	Nylon-6

