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## 'DMB' SERIES SELF PRIMING MONOSET PUMP



Crompton Greaves Self Priming Monoset Pumps - 'DMB' series incorporate superior design to make them robust and long lasting. This range of electric driven pumps, covers a popular section of head and discharge requirements and are best suited for high suction lift upto 8 mtrs.

### Features

- Monoset construction.
- Self priming upto 8.0 metres at mean sea level.
- High quality and long life Mechanical seal.
- Electric motor for single phase or three phase supply and with TEFC or DP enclosure.
- Capacitor Start Induction Run Single phase Motor for high torque.

### Applications

- Water supply for Bungalows, Buildings, Flats, Hotels, Garages, Laundries and Industries.
- Car washing.
- Booster application.
- Small farms.
- Lawn sprinklers.
- Ornamental Fountains.
- Water circulation in solar heater systems.
- Auxiliary equipment to machinery.

### Standard Specifications

- **Range** :- 0.37 kW to 2.2 kW (0.5 to 3.0 HP).
- **Pipe size** :- 25 x 25 mm and 40 x 40 mm.
- **Total head** :- Upto 45 metres.
- **Capacity** :- Upto 8000 LPH.
- **Liquid** :- Clear water
- **Rotation** :- Clockwise as viewed from motor end.
- **Operating temperature** :- Suitable upto 65°C water.
- **Voltage Band** : 180 to 240 volts for single phase 350 to 415 volts for three phase

### Electric Motor

- Dripproof/Totally Enclosed Fan Cooled, 4 pole (1500 RPM Syn. Speed) Electric Motor for 1 phase, 225Volts or 3 phase, 415 Volts;50 Hz, AC supply, suitable for ambient temperature upto50°C.
- Special motors with different enclosures, supply voltages, frequency and ambient can be offered on request.

### Performance at rated voltage & 50 Hz. Single Phase / 3 Phase AC power supply

Rating	Motor kW (HP)	Pipe Size Suc. x Del. (mm)	Total Head In Metres																
			6	7.5	9	12	15	16.5	18	21	24	27	30	33	36	39	42	45	
			Discharge In LPH																
DMB05D/G DMB05D(3 Ph)	0.37 (0.5)	25 x 25	2860	2750	2650	2420	2180	2060	1940	1650									
DMB10DCSL/ GCSSL DMB10DG (3Ph) DBM10ACSL	0.75 (1.0)	25 x 25							2800	2540	2300	2080	1860	1640	1440	1240	1060	880	
DMB30	2.2 (3.0)	40 x 40			11700	11040	10320	9900	9600	8800	8000	7200	6500	5800	4900	3600	2400	960	

#### Notes :-

1. Pipe sizes mentioned in mm are nearest conversion of inches, but actual pipe threadings are provided as per 'BSP' Standard.
2. Total Head = Static Suction + Static Delivery + Losses in pipes, bends etc.
3. The self priming time depends upon static suction, installation conditions and the duration of use of the pump.
4. Suffix 'D' indicates pump with Drip Proof Motor, otherwise with TEFC Motor.
5. Suffix '(3Ph)' indicates Pump for three phase supply, otherwise for single phase supply.
6. Performance figure given above are approximate and may differ on site conditions.

## Crompton Greaves Limited

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