

Product Name :
Direct Drive Stirrers

Product Code :
CLS0003



Description :

Direct Drive Stirrers

Technical Specification :

Designed to meet requirements of laboratories demanding wide flexibility of stirring operations, these stirrers are available in various models. Choice of model will be dependent on the batch size / volume to be stirred.

Salient Features:

- Multipurpose stirrers for general purpose & PUF stirring
- Heavy duty stirrers for pilot plant, batch mode process & small batch production
- Models also available with digital speed indicator for speed indication & process validation

PMDC Lab Stirrer

PMDC Stirrers are specially designed for routine laboratory work, research and development, QA analysis and sample preparations. Stirrers have uniform speed control with digital RPM indicator which gives speed read out, valuable for applications where process validation and reproducibility is required.

DD-1210, DD-1260 and DD-1280 models use direct drive motors & are ideal for day-to-day laboratory use with aqueous & low viscosity liquids such as light oils.

Salient Features:

• PMDC motor for powerful stirring

• Reliable performance even in continuous use

• Stepless electronic speed regulator with digital display

• Hollow shaft in Gearing models permitting height adjustment

• Check for easy interchangeability of shaft

| Stirring Draft | Impeller | Motor | Speed (rpm) | | Stirring Capacity | |
|----------------|---------------|--------------|-------------|------|-------------------|------------|
| | | | Min | Max | Type of Fluid | Max Volume |
| 8 x 250 | AXIAL TURBINE | PMDC | 200 | 2000 | WATER/LIGHT OIL | 10 LITRES |
| 10 x 400 | PITCHED BLADE | PMDC | 120 | 2000 | WATER/LIGHT OIL | 25 LITRES |
| 10 x 500 | PITCHED BLADE | PMDC | 100 | 1400 | WATER/LIGHT OIL | 50 LITRES |
| 6 x 250 | PITCHED FAN | ACDC 1/20 HP | 800 | 4000 | WATER | 7 LITRES |
| 6 x 250 | PITCHED FAN | ACDC 1/20 HP | 800 | 4000 | WATER | 7 LITRES |
| 6 x 250 | PITCHED FAN | ACDC 1/8 HP | 300 | 4000 | WATER | 20 LITRES |
| 6 x 300 | PITCHED FAN | ACDC 1/8 HP | 300 | 4000 | WATER | 20 LITRES |
| | | | | | | |

| | | | | | | |
|----------|-----------------|------------|-----|------|-------|-----------|
| 12 x 450 | PITCHED FAN x 2 | ACDC 14 HP | 900 | 5500 | WATER | 50 LITRES |
| 12 x 450 | PITCHED FAN x 2 | ACDC 10 HP | 900 | 5500 | WATER | 60 LITRES |
| 12 x 450 | PITCHED FAN x 2 | ACDC 20 HP | 900 | 5500 | WATER | 80 LITRES |
| 12 x 450 | PITCHED FAN x 2 | ACDC 20 HP | 900 | 5500 | WATER | 80 LITRES |

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