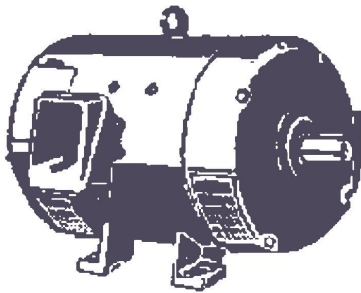


Premier



D.C. COMPOUND MOTOR

3 HP WITH CONTROL PANEL

A laboratory type model for conducting various experiments.

SPECIFICATION : AS PER IS 4722-1992

MOTOR :

DC Compound Motor 3 HP, 220 Volts, 1500 RPM, continuous rating, Insulation Class 'B' S.P.D.P. Type, Horizontal foot mounted, Frame Size 112, conforms to IS : 4722-1992, with Bakelite Insulated Banana Terminals 30A provided on the Terminal Box

CONTROL PANEL :

Box type control panel size 450 mm (W) x 600 mm (H) x 250 mm (D) made out of 20 SWG M.S. sheet. Backside is of hinged double door with suitable locking arrangement. Two side of panel board perforated for air ventilation. Circuit diagram of panel wiring provided inside the panel board. The panel board mounted on M.S. Angle stand size 450 mm(W) x 1000 mm (H) x 250 mm (D). Angle size 35 x 35 x 3 mm ICTP switch 16 Amp 230 volts stanly make or equivalent for easy operation. All accessories and meter connected with internal wiring ferrules etc. Front side is of 6 mm thick bakelite sheet of brown colour.

THE PANEL BOARD CONSISTS OF METERS & ACCESSORIES :

1. Voltmeter M.C. type MECO Make or equivalent 96 mm x 96 mm Sq. 0-300V: 1 No.
2. Ammeter M.C. Type MECO Make or equivalent 96 mm x 96 mm Sq. 0-15A: 1 No.
3. Ammeter M.C. Type MECO Make or equivalent 96 mm x 96 mm Sq. 0-1.5A: 1 No.
3. Three Point DC Starter, Flush Mounted SIEMENS / LT Make or equivalent: 1 No.
4. DP MCB 16 Amp 230 V mounted Datar Make or equivalent: 1 No.
5. Indicating lamp for incoming & outgoing: 2 Nos.
6. HRC fuses 10 Amp, 230 V Bakelite type base : 2 Nos.
7. Field regulator to keep constant rated RPM of motor at Full Load 1 No.
8. Suitable DC Supply provided inside the panel.: 1 No.

PAINT :

Motor painted with two coats of smoke gray oil paint & panel board powder coated.

BASE PLATE :

Motor should mounted on fabricated base plate of M.S.-C channel size 75 x 40 x 6mm thick. Base Plate length is 800 mm for Generator Coupling.

Premier Enterprise, Ahmedabad