



MEDIUM VOLTAGE MOTORS

Voltage - Above 690 V to 6.6 kV
Cooling - Type IC 411 / IC 416
Construction - Horizontal (IM B3) / Vertical (IM V1)
Frame Sizes - 355L, 400ML and 450 ML
kW Range - 160-900 (4pole), 160-750 (6 pole), 160-560 (8 pole)

TEFC - BBL TYPE MV
Frequency - 50 & 60 Hz
Protection - IP 55/ IP 56
Starting - DOL / VFD
Standards - IS/IEC



STANDARD FEATURES:

- Compact TEFC motors for high efficiency in cast iron/ fabricated mild steel construction
- Dual cooling circuit for even temperature distribution
- Bearing cooling fan on DE for lower bearing temperature & longer regreasing intervals
- On line re – greasing arrangement with grease outlet
- Class F Insulation with Class B rise
- Ambient 40 °C & Altitude <1000M
- Mica based Epoxy vacuum pressure impregnated (VPI) insulation system for long life
- Aluminum Pressure Die Cast Rotor for Ruggedness
- Phase segregated type main terminal box to prevent & withstand high fault levels
- Platinum type RTDS - 6 No for windings
- Bearing temperature detectors – 2 No Platinum RTDS. One each at DE and NDE
- Space heater
- Suitable for direct drive through flexible couplings without external thrust

ADDITIONAL OPTIONAL FEATURES (Available on request at extra charge)

- Neutral Terminal Box for Star point
- Dial type Thermometers for bearings with/without contacts
- Suitability for higher Ambient temperature or Altitude
- Suitability for Pulley / Gear Drive/ External thrust
- 83/85 mounting

(Under Development) Kindly check for other number of poles / voltage/ features.