

**WE CAN ALSO SUPPLY :**

- Higher number of starts per hour,
- Customised Duty Cycle,
- Supply voltages 220/380/400/440/660,
- Supply frequency 60 Hz.,
- Special mounting and shaft extension dimensions,
- Thermistors and space heater ( for frame sizes 180 and above.)
- Matching of rotor data and major mounting dimensions to any imported/indigenous specifications,
- T. Box LHS / RHS for wound rotor motor frame 180 - 225 & LHS Terminal Box / Top Box for cage rotor motor ( frame 132-225 ) can be provided.

**SELECTION OF MOTORS :**

Choice of cage and wound motors may be based on the following criteria.

**Cage Motors may be used where**

- The driven equipment is to be accelerated rapidly with a fixed sequence of operation and uniform load conditions. Example : A workshop crane equipment loading a conveyor belt.
- Almost identical load conditions having both directions of rotation. Example : long traverse or cross traverse to gantry crane.
- Speed control not necessary.
- Robust and maintenance free requirement considering site conditions.
- Reduced cost considerations.
- Normally used upto 250M frame size.

**Cage motors may not be used where**

- Precise speed control is necessary. Example : slow and fast handling of load during hoisting and lowering. Alignment of crane over a furnace opening etc.
- Non-uniform loading conditions and sequence of operation.
- Large number of starting and reversals are required during operation.
- Starting torques generally more than 2.5 times the rated torque are required.