



KIRLOSKAR ELECTRIC

Committed to Innovation and Excellence



MILL DUTY WOUND ROTOR INDUCTION MOTOR



Product Line of Kirloskar Electric

AC & DC Motors | Generators | Transformers | Switchgear | Drives | DG Sets | Projects | Engineering

ISO 9001:2008



**BUREAU
VERITAS**

MILL DUTY WOUND ROTOR INDUCTION MOTOR



SYNOPSIS

| RATING: 187 to 1500kW | TYPE | APPLICATIONS |
|-----------------------------|-------------------|----------------------------------|
| SPEED RANGE: 600 – 1000 RPM | SCREEN PROTECTED | STEEL RE-ROLLING MILLS |
| MOUNTING: IM 1001 | DRIP PROOF (SPDP) | SUGAR MILLS CEMENT INDUSTRIES |

Mill Duty Induction Motors are designed and developed to have major advantages like versatility, compactness, accessibility, serviceability, durability, reliability and ruggedness.

These motors are in service for more than three decades in various industrial sectors such as steel, sugar, agriculture, hydel, cement industries and many more...

SUPPLY AND SITE CONDITIONS: 415V, 50HZ, 3 PHASE

Variations in supply voltage and frequencies are as per IS325. Standard motors are suitable for operation at an ambient temperature of 45°C and altitude up to 1000m.

Motors for operation at other voltage and higher ambient temperature can be offered on request.

WINDINGS

The stators and wound rotors are generally wound with copper strip conductors with class 'F' insulation. Stator windings are brazed and wound rotor overhangs are banded with resin impregnated glass fiber tape to withstand momentary overloads and peak loads.

BALANCING / TESTS

Every rotor is dynamically balanced to a higher degree of precision to ensure smooth running.

Motors are subjected to Routine and Type tests in accordance with IS:325 standards.

ACCESSORIES

Accessories such as anti condensation heaters, thermisters, bearing temperature detectors can be provided on request.

RATING AND FRAME DESIGNATION FOR RRM MOTORS

| RATING kW | FLS RPM | FRAME |
|-----------|---------|-------|
| 187 | 735 | TR6 |
| 225 | 739 | TR6 |
| 300 | 741 | TR7 |
| 335 | 740 | TR7 |
| 450 | 738 | 450C2 |
| 600 | 743 | 500C2 |
| 750 | 742 | 500C2 |
| 930 | 743 | 560C5 |
| 1125 | 741 | 560C5 |
| 1200 | 741 | 560C5 |
| 1500 | 741 | 560C6 |

Kirloskar Electric reserves the rights to make changes in the product specifications/dimensions in the course of development. Additional technical details available on request or enquiries.

