

STANDARDS :

Confirmations	National Standards	International Standards
Dimensions	IS 1231	IEC 72-1
Performance	IS 325	IEC 34-1
Insulation	IS 1271	IEC 85
Protection by enclosure	IS 4691	IEC 34-5
Methods of cooling	IS 6362	IEC 34-6
Type of mounting and construction	IS 2253	IEC 34-7
Crane/Mill Duty	IEMA-3/1978 IPSS 1.03-003-92 IPSS 1.03-004-93	
Noise	IS 12065	IEC 34-9
Vibration	IS 12075	IEC 34-14

SUPPLY CONDITIONS :

- ◆ Voltage : 415 V ± 10%
- ◆ Frequency : 50 Hz ± 5%
- ◆ Combined variation : 10%
- ◆ Unbalance : Standard motors are capable of operating under unbalance supply conditions wherein negative and zero phase sequence voltage components do not individually exceed 2% of the positive phase sequence components.
- ◆ Temperature : -10° C to 40° C ambient Air
- ◆ Altitude above msl : Up to 1000
- ◆ Humidity : Up to 100%
- ◆ Insulation : Cage motors : Class “F” insulation
Wound motors : Class “F/F” insulation for both stator and rotor.

