



# KIRLOSKAR ELECTRIC

Committed to Innovation and Excellence



## THREE PHASE HV AC INDUCTION MOTORS



### Product Line of Kirloskar Electric

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

ISO 9001:2008



**BUREAU  
VERITAS**



The increasing significance of power saving, environmental requirements, the desire for smaller dimensions & stipulations made by national & international markets lead to the development of Spectrum X F motors. These motors are compact, reliable, robust & embody the unrivaled experience of Kirloskar Electric in the field of motor technology.

STANDARDS	IS	IEC
• Rating & Performance	325	60034-1
• Output & Dimension	1231	60072-2
• Degrees of protection	4691	60034-5
• Method of Cooling	6362	60034-6
• Insulation	1271	60085
• Construction & mounting	2253	60034-7
• Noise Level	12065	60034-9
• Vibration Level	12075	60034-14
• Terminal marking	4728	60034-8
• Testing	4029	60034-2

PRODUCT RANGE

High Voltage AC Motors	: 90 to 1500kW
Voltage	: HV Up to 11kV
Enclosure	: SPDP/TEFV
Frame	: 315 to 560
Mounting	: Foot / Flange / Foot cum Flange.
Special type	: Flame proof / Non sparking / Increased safety

APPLICATIONS

Spectrum X F motors are ideal for a wide range of industrial applications like pumps, centrifugal & reciprocating compressors, blowers, fans, crushers, conveyors, mills etc. & cater to the requirements of modern industrial sectors like power, chemical, petrochemical, aluminium, pulp & paper, steel, refrigeration etc.

QUALITY ASSURANCE & TESTING

Focus is on customer satisfaction, employee commitment & constant improvement to achieve quality work. The materials, components and windings are subjected to stage inspection during manufacturing. The completed machines are subjected to stringent tests in accordance with the specified standards.

SALIENT FEATURES

- Energy efficient motors
- Robust
- Proven compact design
- Excellent electromagnetic design
- Terminal box which are type tested for high fault level of 43.7kA for 0.25 sec - 6.6kV TB for 500MVA & 11kV TB for 750MVA
- Low noise levels
- Low vibration levels
- Long service life, void free class F/H insulation system with VPI as standard