

KIRLOSKAR ELECTRIC

Committed to Innovation and Excellence

Kirloskar



WORLD CLASS SERIES THREE PHASE AC INDUCTION MOTORS



Product Line of Kirloskar Electric

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

ISO 9001:2008



**BUREAU
VERITAS**

CMYK

WORLD CLASS SERIES
THREE PHASE AC INDUCTION MOTORS



SALIENT FEATURES

- High output/weight ratio.
- High reliability.
- High efficiency & power factor.
- Robust proven compact design.
- Excellent electromagnetic design.
- Low life cycle costs due to high efficiency, faster response, and short lead time.
- Terminal box which are type tested for high fault level of 43.7kA for 0.25 sec- 3.3 kV TB for 250 MVA, 6.6kV TB for 500MVA & 11kV TB for 750MVA.
- Standard & customized monitoring devices.
- Low noise & vibration levels.
- Long service life, void free class F insulation system with VPI as standard.
- Efficient cooling system with internal & external cooling circuits.
- Modular construction.
- Excellent grease extraction system and steel pipe for grease inlet.
- Swaging of rotor bars contributes to long motor life.

	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

MPWS, World Class Mega Pack is the latest series of high voltage three phase induction motors from Kirloskar Electric in the field of motor's technology.

APPLICATIONS

Mega Pack World series motors are suitable for a wide range of applications, including centrifugal and axial fans, centrifugal & reciprocating compressors, pumps, conveyors, crushers, shredders & cater to the requirements of modern industrial sectors like.

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|------------------------------|---------------------------|
| • Power-Thermal & Nuclear | • Oil & Natural Gas |
| • Fertilizers & Chemicals | • Air Conditioning |
| • Steel & Non-ferrous metals | • Mining |
| • Petro Chemicals | • Pulp & Paper |
| • Cement | • Sugar |
| • Rubber | • Water Supply & Sewerage |

• Output Range	: 355 to 11000 kW
• Type	: Cage Rotor/ Wound Rotor
• Rated Voltage	: 3.3 to 11.0 kV
• Poles	: 2 to 20
• Frequency (Hz)	: 50 or 60 Hz
• Frame Size	: 355 to 900
• Mounting	: IM 1001/ IM 3011
• Enclosure	: IP 23/ IP 24/ IP 55
• Degree of protection	: IC 01/IC 611/IC 616/IC 81W/IC 86W