



# KIRLOSKAR ELECTRIC

Committed to Innovation and Excellence



## PRIMO AND SPECTRUM THREE PHASE CAGE MOTORS (EFF-2 & EFF-1)



### Product Line of Kirloskar Electric

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

ISO 9001:2008



**BUREAU  
VERITAS**

## THREE PHASE ENERGY EFFICIENT MOTOR (EFF-2)



### FEATURES

- Foot / Flange mounting with single shaft extension
- Class 'F' insulation, Class 'B' Temperature Rise
- Cast Iron/ Die-Cast Aluminum body upto 112 frames and Cast Iron body from 132 frames
- Cast Iron end covers
- Optimum fan design for better cooling & minimum energy consumption
- Rigidly sealed Terminal Box at RHS when viewed from drive end
- EC grade aluminum die- cast rotors
- Suitable for flexible direct coupling or belt drives with Load GD2 equal to Motor Gd2
- Suitable for DOL starting upto 100 frames & DOL / STAR-DELTA for 112 to 315 frames
- Bi-directional rotation

### SPECIFICATIONS

- Input Voltage (V) : 415V+/-10%, 3 Ph AC
- Frequency (Hz) : 50+/-5%
- Insulation : F
- Duty : S1
- Protection : IP 55
- Enclosure : IC 411
- Ambient : 0-50<sup>0</sup>C
- Rating : 0.09 - 200 kW
- Frame Size : 63 - 315

STANDARDS	IS	IEC
Performance	325	34 - 1
Output & Dimensions	1231	72 - 1.2
	2223	
Degree of Protection	4691	34 - 5
Method of Cooling	6362	34 - 6

### WE CAN ALSO SUPPLY

- Foot or Flange mounting with Double Shaft Extension
- Motors for high inertia loads
- Supply voltages 220/380/400/440/660 V
- Supply frequency 60Hz
- Motors to suit for customised duty cycle
- Thermisters from frame size 63 and above and anti condensation heaters from frame size 180 and above
- Multispeed Motors
- Dual Voltage Motors
- Inverter Duty
- Increased safety and non-sparking type

### APPLICATIONS

- Pumps
- Compressors
- Machine Tools
- Textiles
- Fans
- Crushers
- Material Handling
- Cranes



### When you order please furnish

- Application
- Mounting
- Input supply condition & % variation
- Load Gd2
- Method of power transmission

## KIRLOSKAR ELECTRIC CO. LTD.

Regd. Office: PB. No. 5555, Malleswaram West, Bangalore 560 055 | Tel: 080-23374865 | Fax: 080-23377706  
Email: enq@hub.vrkec.com | www.kirloskar-electric.com