



# KIRTI ENTERPRISE



## PRODUCT

Smart solutions.  
Strong relationships.



### IE- 4 MOTOR

#### FEATURES

- » Super premium IE4 efficiency class as per IS :12615-2018 and IEC60034-30-01
- » High power factor at all loads
- » Compatible with standard VFD
- » Lossless excitation

IE 4 - Conventional Apex series Motor	IE 4 - LSPM Technology Motor
» Output 0.55 kW to 500kW	5.5 kW to 37kW
» Poles 2/4/6/8	4
» Frames 80 to 500	132 to 225
» Voltage 415V, Other on request	415V, Other on request
» Mounting Foot, Other on request	Foot, other on Requirements



### IE- 3 MOTORS

#### FEATURES

- » High reliability, long life
- » Low life cycle cost with faster return on investment
- » Compatible with standard VFDs\*
- » Customised offering as per application
- IE 3 - Conventional Apex series Motor
- » Output 0.55 kW to 500kW
- » Poles 2/4/6/8
- » Frames 80 to 500
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



### IE- 2 MOTORS

#### FEATURES

- » High efficiency at low running cost
- » High torque with smooth acceleration
- » Enhanced motor life
- » Efficiency as per IS 12615: 2018 and IEC 60034-30-1
- IE 2 - Conventional Apex series Motor
- » Output 0.55 kW to 500kW
- » Poles 2/4/6/8
- » Frames 80 to 500
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



### SMART MOTORS

#### FEATURES

- » Remote Controlling
- » Communication between various equipment operating with Smart motor
- » Communicate with other smart devices in the Factory
- » Reduce risks related to operation and maintenance
- » Output 250 kW to 710kW
- » Poles 2/4/6/8
- » Frames 355 to 500
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



### IE-2 & IE3 FLAME PROOF MOTOR

#### FEATURES

- » High reliability
- » Robust Construction
- » IE2, IE3 as per IS 12615: 2018 and IEC 60034-30-1
- » Gas group I, IIA, IIB, IIC
- » Hazardous location such as Zone1, Zone2 or class 1, division 1 & 2
- » Output 0.37 kW to 400kW
- » Poles 2/4/6/8
- » Frames 80 to 400
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



### UL LISTED MOTORS

#### UL 1004-5 - Fire fighting motors

- » UL listed fire fighting motors with special paint :post box Red ACP-536 , ACP -538request
- » Output 0.37 kW to 400kW
- » Poles 2/4/6/8
- » Frames 80 to 400
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request

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## TEFC & SPDP SLIPRING MOTORS

### FEATURES

- » High starting torque
- » Low starting current
- » RV/RA as per customer requirement
- » High reliability & interchangeability
- » Ease of maintenance
- » Dust proof slipring enclosure
- » With cover for inspection
- » Epoxy moulded slipring
- » Output 2.2 kW to 450kW
- » Poles 2/4/6/8
- » Frames 132S to 450LX
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



## CRANE DUTY MOTORS

### FEATURES

- » Higher output
- » Suitable for 50° C ambient
- » Higher pullout torque
- » Lowest vibration level
- » Output 0.37kW to 45kW
- » Poles 2/4/6/8
- » Frames 71 to 280
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



## IE- 3 TEXTILE MOTORS

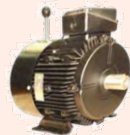
- » Output 2.2 kW to 7.5kW
- » Poles 4
- » Frames 100L to 132M
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



## CRUSHER DUTY MOTORS

### FEATURES

- » Robust with better performance.
- » Energy efficient, meets the requirements of IS12615:2018
- » High grade material & stronger construction
- » EN24 forged shaft caters higher impact loads
- » Special TB for dust protection
- » Stronger stator body with higher thickness
- » Labyrinth seal to arrest dust entry
- » Output 45 kW to 250 kW
- » Poles 4/6
- » Frames 225 to 355
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



## BRAKE MOTOR

### FEATURES

- » External brakes for easy maintenance
- » Flameproof brake motors can be offered
- » DC & AC brake options
- » Higher safety factor
- » S4&S1 duty brake motor available
- » Output 0.37 kW to 45 kW
- » Poles 4/6
- » Frames 80 to 255
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request



## FIRE FIGHTING MOTORS

- » UL 1004-5 - Fire fighting motors
- » UL listed fire fighting motors with special paint :post box Red ACP-536 , ACP -538request
- » Output 5.50 kW to 90kW
- » Poles 2
- » Frames 112 to 280
- » Voltage 415V, Other on request
- » Mounting Foot, Other on request

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