



# Country Fact Sheet Motors

## India



### Regional Characteristics

**Voltage** 3 ~ 400V ± 10%  
1 ~ 230V ± 10%

**Frequency** 50 Hz

### Approval Mark Indian Standards Institution (ISI)

**Standard** IS 15999 refers to IEC 60034

**Scope** Electric motors are required to comply with the applicable Indian safety standards and mandatory registration before they are imported to, distributed, or sold in India.

**Marking**  ISI Mark and Registration number

### Energy Efficiency Bureau of Energy Efficiency (BEE)

**Regional Standard** IS 12615 (2018)

**Regulation** Gazette of India No. 3144/2018

**Mandatory Efficiency Class** IE2

**Scope**

- Rated output power from 0.12 up to 1000 kW
- Rated voltage from 50 up to 1000 V
- Rated frequency 50 and 60 Hz
- 2-, 4-, 6- and 8-pole

**Exemptions**

- Ex-motors
- Motors with integrated variable speed drive as integral part of the motor
- Motors for heavy environmental conditions like ambient temperature above +60°C or below -20°C, installation altitude above 4000m
- Pole-changeable motors
- Motors that share common components with the driven unit and cannot operate as a motor if separated from it

**Marking**

- BEE Label
- Registration number