

Country Fact Sheet Motors



South Korea



Regional Characteristics

Voltage 3 ~ 380V (440 V) ± 10%
1 ~ 220V ± 10%

Frequency 60 Hz

Approval Mark Korea Certification (KC)

Standard KS C IEC 60034

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

Marking



Energy Efficiency Korea Energy Label (KEL)

Regional Standard KS C IEC 60034

Regulation MOTIE Notification No. 2017-61

Mandatory Efficiency Class IE3

Scope

- Rated output power from 0.75 up to 375 kW
- Rated voltage up to 600 V
- Rated frequency 50 and 60 Hz
- 2-, 4-, 6- and 8-pole
- For continuous duty operation

Exemptions

- S2 short-time duty
- Inverter duty
- Motors for heavy environmental conditions like ambient temperature above +50°C or below -15°C
- Pole-changeable motors

Marking



- Korea Energy Label if affected
- Non-Korea Energy Label if in the scope but excepted