

IEC General Purpose Motors



Description

IEC standard motors feature excellent insulation systems and strict process controls and quality management that allow for a low vibration and noise structure design. Its double cage rotor structure and special varnish finishing, as well as international standards (e.g., IEC, NEMA, and IEEE), allow the motor to run perfectly under various load conditions including a condition with a wide moment of inertia.

Features

- ✓ Excellent insulation system (class F Supact Insulation System)
- ✓ Special cage rotor structure suitable for various load conditions (double cage, deep-slot cage type)
- ✓ Low vibration and noise structure design (ANSYS & NASTRAN)
- ✓ Optimum design through electromagnetic and flow analysis (C.F.X & FLUX 2D)

Application

- ✓ Pump, Fan, Compressor, Crane, Mill, Crusher
- ✓ General and steel industries
- ✓ Petrochemical and cement plants
- ✓ Hydraulic & thermal power plants
- ✓ Atomic power plant (Class-1E (Q-Class) & Non Class-1E Motor)
- ✓ Ships

Scope of Production

	Voltage	Rating	Speed
Low Voltage	Up to 600V	Up to 750KW	2P, 4P,6P,8P
Medium & High Voltage	3.3KV to 13.2KV	Up to 20000KW	2P, 4P,6P,8P

Enclosure

TEFC, TEAAC, TEO, ODP, WPI, WPII, Water-Cooled or Pipe-Ventilated.