

ELECTRIC MOTORS BUILT TO CUSTOMER SPECIFICATIONS

CAST IRON-ALUMINIUM CASING



Current standards regulate the construction dimensions and corresponding power ratings of normalised motors in various construction forms. They also establish the preferential voltages and frequencies, the protection systems, the insulation classes, the admissible noise and vibration levels, the type of service, the operating conditions and the speeds. I.S.G.E.V. also supplies normalised motors in other special versions, such as:

- winding treatment for tropical climates
- winding treatment for humid and corrosive climates
- winding treatment for cold environments
- insulation suitable for high temperatures corresponding to class F
- insulation suitable for high temperatures corresponding to class H
- special voltages and/or frequencies
- special steel shaft with two cylindrical ends, according to catalogue dimensions
- special steel shaft with two ends, with out-of-catalogue dimensions
- stainless steel shaft
- shaft end drilling and threading according to DIN 332 and UNEL 3321 tables
- partially incomplete motors (i.e. without fan cover cap and without fan; without coupling side shield)
- additional top guard against dripping
- external painting with non-standard colour
- 12-terminal block (the normal block has 6 terminals)
- motors with shaft projection on the side opposite the normal position (normal terminal block position)
- balancing with reduced or special vibration levels
- IP55 protection
- installation of protectors in the windings
- installation of anti-condensation heaters in the windings
- installation of special flanges

