

# ELECTRIC MOTORS FOR THE VENTILATION SECTOR

**CAST IRON-ALUMINIUM  
CASING**



Technologically speaking, I.S.G.E.V. S.p.A. is one of the most advanced manufacturers in the field of three-phase asynchronous motors designed for use in the ventilation sector.

This series of motors is the end result of comprehensive research carried out by I.S.G.E.V. to analyse the most extreme operating conditions and build electric motors capable of meeting the needs of the ventilation sector.

These motors are compact and can operate in locations where limited overall dimensions are required. The motors included in this series are fully enclosed with a steel casing and are equipped with high-quality cast-iron shields and a squirrel-cage rotor.

The steel shaft is ground for all diameters. The rotor is dynamically balanced and houses double-shield ball bearings with lifetime lubrication. This construction version guarantees silent and vibration-free operation.

With excellent performance and a characteristic design, these motors are incredibly robust and have outstanding mechanical and electrical features (all motors have class F insulation but are used within class B limits) and are the natural answer to the demand for electronic drives (Inverter).

