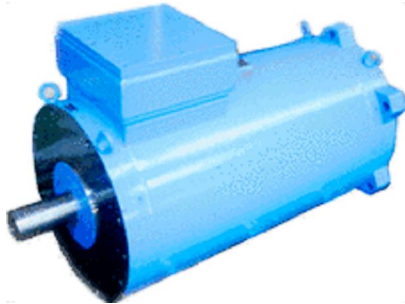




## Premium efficiency motors and generators

**from 7,5 kW to 375 kW in 2 poles (3.000 rpm), 4 poles (1.500 rpm) and 6 poles (1.000 rpm)**



*Premium efficiency motors and generators*

In reference with the European Regulation 640/2009 and the indicated steps from beginning 2015, **FIMET** (Fabbrica Italiana Motori Elettrici) introduces in the market the new range of asynchronous electric motors in Premium efficiency class IE3, named HMA (aluminium frame) and HM (cast iron frame). This range includes motors from 7,5 kW to 375 kW in 2 poles (3.000 rpm), 4 poles (1.500 rpm) and 6 poles (1.000 rpm), named in the regulation, with the possibility to offer solutions till 16 poles (400 rpm) and up to 900 kW. One of the main characteristics of this range is the flexibility to be customised according to the requirements (inverter duty, encoder, forced ventilation, special mechanic and environmental solutions).

At the same time is also available our new range of asynchronous generators in Premium efficiency class IE3, named HG, available in many mechanical solutions (shaft with special size for heavy applications ) and different mount position (horizontal and vertical with special flanges).

Both of motors and generators can be also produced with water cooled jacked in order to increase, even more, the efficiency and to supply to the customer no noise machines without any air flow and completely close IP 67 protection degree.

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