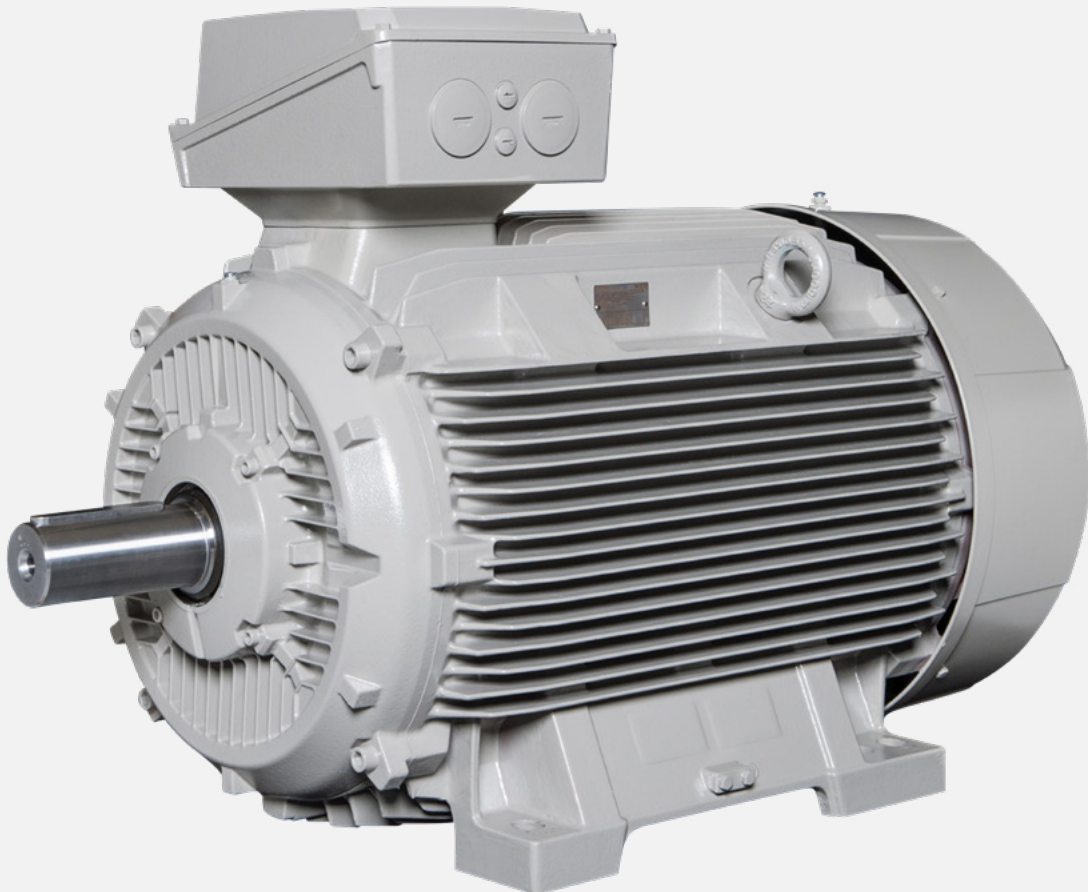


THREE-PHASE MOTORS

IEC ASYNCHRONOUS MOTORS

For the use with pumps in general water supply

The IEC asynchronous motors are versatile and can be used directly on the network or in combination with frequency converters for speed-controlled operation.





A motor with an integrated, fully programmable frequency controller is optionally available. This controller provides exact and quick adjustment to changing operating conditions.

POSSIBLE OPTIONS:

- special voltages
- PTC thermistors for the use with frequency converter
- protection class IP 56 or IP 65
- winding in isolation class 180 (H)
- forced ventilation
- marine execution
- special painting
- current-insulated bearings
- integrated frequency converter
- explosion-proof version (ATEX)

THREE-PHASE MOTORS

MATERIALS

Aluminum or cast iron

TECHNICAL DATA

● Connection type	Star connection or delta connection
● Number of poles	2, 4, 6 or 8
● Frame size	63 to 355
● Rated output	0,04 to 500 kW
● Frequency	50 or 60 Hz
● Efficiency class	IE 2, IE 3 and IE 4
● Synchronous speed	750 to 3.000 min ⁻¹
● Rated torque	approx. 10 to 1.700 Nm
● Insulation	Temperature class 155 (F) used acc. to temperature class 130 (B)
● Protection class	IP 55
● Cooling	Self-ventilated
● Temperature range	-20 °C to 40 °C
● Voltages at 50 Hz	230 V, 400 V, 500 V, 690 V
● Type of construction	Foot, flange and combined variants
● Standard paint finish	RAL 7030 stone grey or hammerite blue