



Motor

Motor

Directly-mounted, low noise, surface-cooled and removable DIN-IEC motor in German brand quality. Energy efficiency class IE3 from 0.75 kW, including PTC resistor sensor with fixed bearings on the pump side. The motors are produced in the factory with closed condensation drain holes.

Construction	IM B 5
Protection class	IP 55
Idle speed	1450/1750 rpm
Frequency	50/60 Hz
Voltage 50 Hz	up to 2.20 kW: 230 V Δ /400 V Y
60 Hz	up to 2.60 kW: 265 V Δ /460 V Y
Voltage 50 Hz	from 3.00 kW: 400 V Δ /690 V Y
60 Hz	from 3.60 kW: 460 V Δ
Class of insulation	F
Cooling air temperature	max. 40 °C

> **Special motors on request.**

Direction of rotation

Clockwise, as seen on the motor fan.

Bearing/lubrication

Motors up to construction size 160 have sufficiently dimensioned, maintenance-free, deep groove ball bearings according to DIN 625 with permanent grease lubrication.

1 Standard motor

IE3 motor from 0.75 kW.

Advantage: very high grade of efficiency.

2 PM motor

IE4/IE5 motor.

Advantage: very high grade of efficiency.

3 Water-cooled motor

Energy efficiency class depends on the temperature of the media.

Advantage: heat recovery.

> **Motor design only available on request.**



1 Standard motor



2 PM motor



3 Water-cooled motor