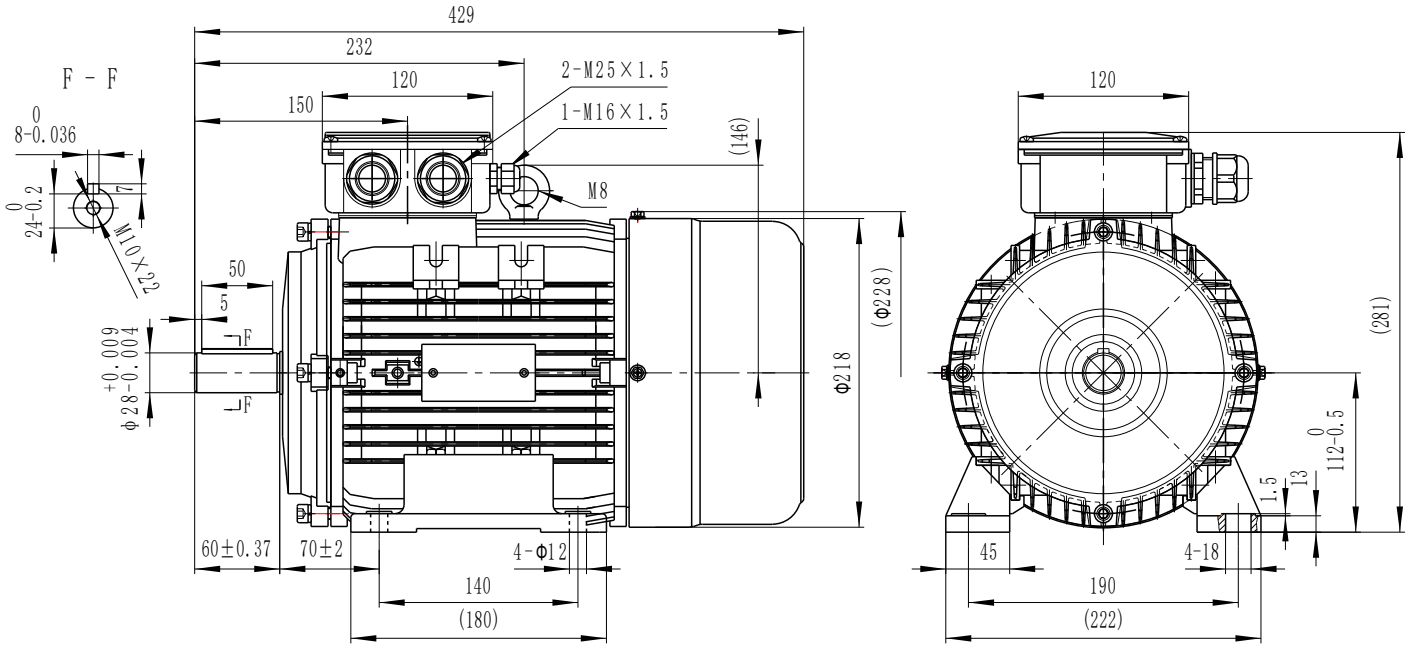
TECHNICAL DATA

Three Phase Electric Motors-Aluminum Frame – PM2A112MXA2



Type	**PM2A112MXA2 PTC**
Frame Size	**112MXA**
Capacity	**5.5 kW**
Speed / Pole	**2880 RPM / 2 Pole**
Mounting Position	**IMB3**
Insulation Class	**F**
Protection Class	**IP55**
Duty Cycle	**S1 Continuous**
Temperature Rise Class	**B**
Ambient temp. (°C)	**45°C**
Cooling method	**IC411 self-Ventilated**

Efficiency	**IE2 Efficiency (87.0 %)**
Power Factor COS (phi)	**89%**
I-starting / I-nominal	**8.4**
T-starting / T-nominal	**2.4**
T-max/Tn	**3.5**
Full Load Torque	**18Nm**
Thermal protection	**PTC thermistor**
Noise	**77dB**
Bearing DE	**SKF 6306 ZZC3**
Bearing NDE	**SKF 6306 ZZC3**
Weight (kg)	**35**

Electrical data:

Rated Power (kW)	**5.5**		**5.3**		**6.6**		**6.4**
Frequency (Hz)	**50**		**50**		**60**		**60**
Voltage (V)	**400**	**690**	**380**	**660**	**480**	**830**	**440**
Speed (RPM)	**2880**	**2880**	**2880**	**2880**	**3490**	**3490**	**3490**
Connection	**Δ**	**Y**	**Δ**	**Y**	**Δ**	**Y**	**Δ**
Full load current (A)	**10.5**	**6.1**	**11**	**6.3**	**10.5**	**6.1**	**11**

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