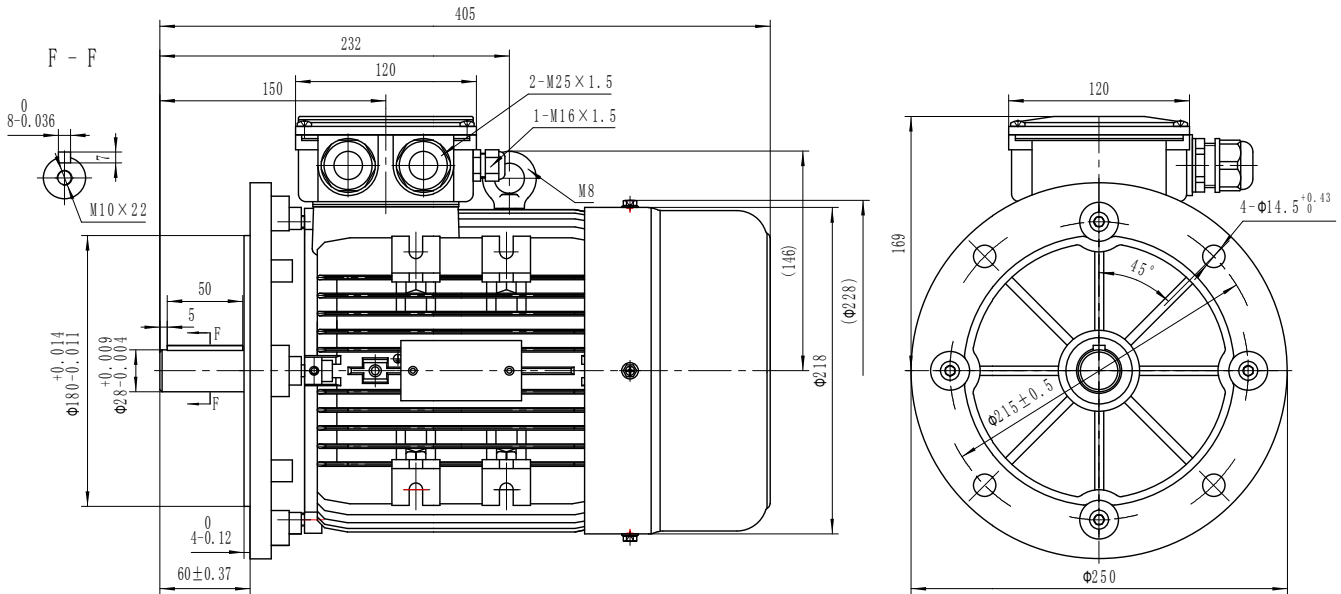


TECHNICAL DATA

IE3
Motor

Premium Efficiency

Three Phase Electric Motors-Aluminum Frame - PM3A112M2



Type	PM3A112 M2 PTC
Frame Size	112M
Capacity	4 kW
Speed / Pole	2920 RPM / 2 Pole
Mounting Position	IMB5
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	IE3 Premium Efficiency
Power Factor COS (phi)	88.0%
I-starting / I-nominal	8.6
T-starting / T-nominal	2.6
T-max/Tn	3.0
Full Load Torque	13.1Nm
Thermal protection	PTC thermistor
Noise	77 dB
Bearing DE	SKF 6306 ZZC3
Bearing NDE	SKF 6306 ZZC3
Weight (kg)	33.3

Electrical data:

Rated Power (kW)	4		3.9		4.8		4.65
Frequency (Hz)	50		50		60		60
Voltage (V)	400	690	380	660	480	830	440
Speed (RPM)	2920	2920	2920	2920	3504	3504	3504
Connection	Δ	Y	Δ	Y	Δ	Y	Δ
Full load current (A)	7.45	4.32	7.64	4.40	7.45	4.32	7.64

Python Electric Motors Sp.z.o.o., Aleja, Pawla II 27, 00-867, Warsaw, Poland
 Web: www.pythonelectricmotors.com, E-mail: info@pythonelectricmotors.com