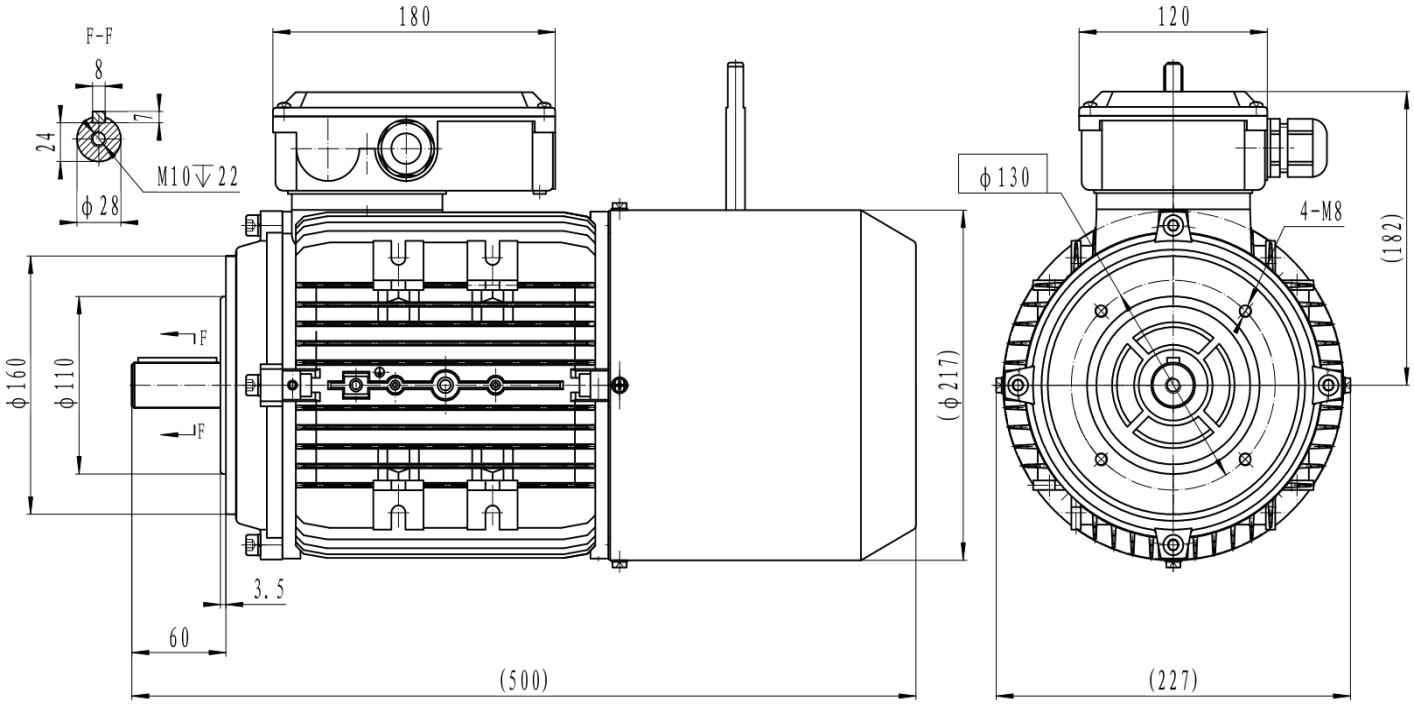
TECHNICAL DATA

Three Phase Brake Motors-Aluminum Frame - PM1ADC112M2 B14



Type	**PM1ADC112M2 PTC**
Frame Size	**112**
Capacity	**4kW**
Speed / Pole	**2890 RPM / 2 Pole**
Mounting Position	**IMB14**
Insulation Class	**F**
Protection Class	**IP55**
Duty Cycle	**S1 Continuous**
Temperature Rise Class	**B**
Ambient temp. (°C)	**40°C**
Cooling method	**IC411 self-Ventilated**
Power Factor COS (phi)	**88.00%**
I-starting / I-nominal	**7**

Efficiency	**IE1 Efficiency**
T-starting / T-nominal	**2.5**
T-max/Tn	**2.7**
Full Load Torque	**13.22Nm**
Thermal protection	**PTC thermistor**
Noise	**85 dB**
Bearing DE	**SKF 6306 ZZC3**
Bearing NDE	**SKF 6306 ZZC3**
Weight (kg)	**37.5**
Brake	**INTORQ BFK457-14**
Brake input voltage	**400V AC**
Brake output voltage	**180V DC**
Brake torque	**60Nm**

Electrical data:

Rated Power (kW)	4		4		4.8	4.8	
Frequency (Hz)	50		50		60	60	
Voltage (V)	380	660	400	690	440	480	830
Speed (RPM)	2890	2890	2890	2890	3468	3468	3468
Connection	△	Y	△	Y	△	△	Y
Full load current (A)	8.13	4.68	7.72	4.47	8.13	7.44	4.29

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