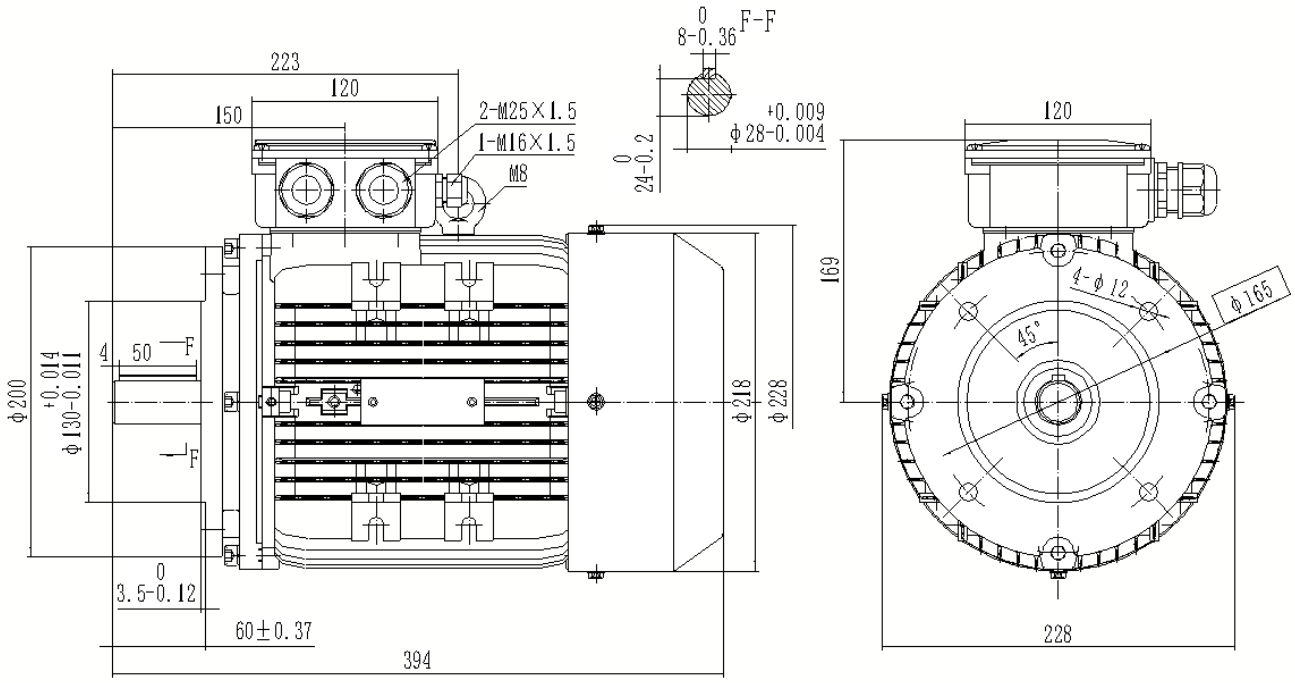
TECHNICAL DATA

Three Phase Electric Motors-Aluminum Frame – PM1A112M4



Type	**PM1A112M4 PTC**
Frame Size	**112**
Capacity	**4 kW**
Speed / Pole	**1430 RPM / 4 Pole**
Mounting Position	**IMB5R**
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	**IE1 Efficiency**
Power Factor COS (phi)	**82%**
I-starting / I-nominal	**7.0**
T-starting / T-nominal	**2.2**
T-max/Tn	**2.4**
Full Load Torque	**27Nm**
Thermal protection	**PTC thermistor**
Noise	**65dB**
Bearing DE	**SKF 6306 C3**
Bearing NDE	**SKF 6306 C3**
Weight (kg)	**34**

Electrical data:

Rated Power (kW)	**4**		**3.9**		**4.8**		**4.7**
Frequency (Hz)	**50**		**50**		**60**		**60**
Voltage (V)	**400**	**690**	**380**	**660**	**480**	**830**	**440**
Speed (RPM)	**1430**	**1430**	**1430**	**1430**	**1710**	**1710**	**1710**
Connection	**Δ**	**Y**	**Δ**	**Y**	**Δ**	**Y**	**Δ**
Full load current (A)	**8.6**	**5**	**9.1**	**5.24**	**8.6**	**5**	**9.1**

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