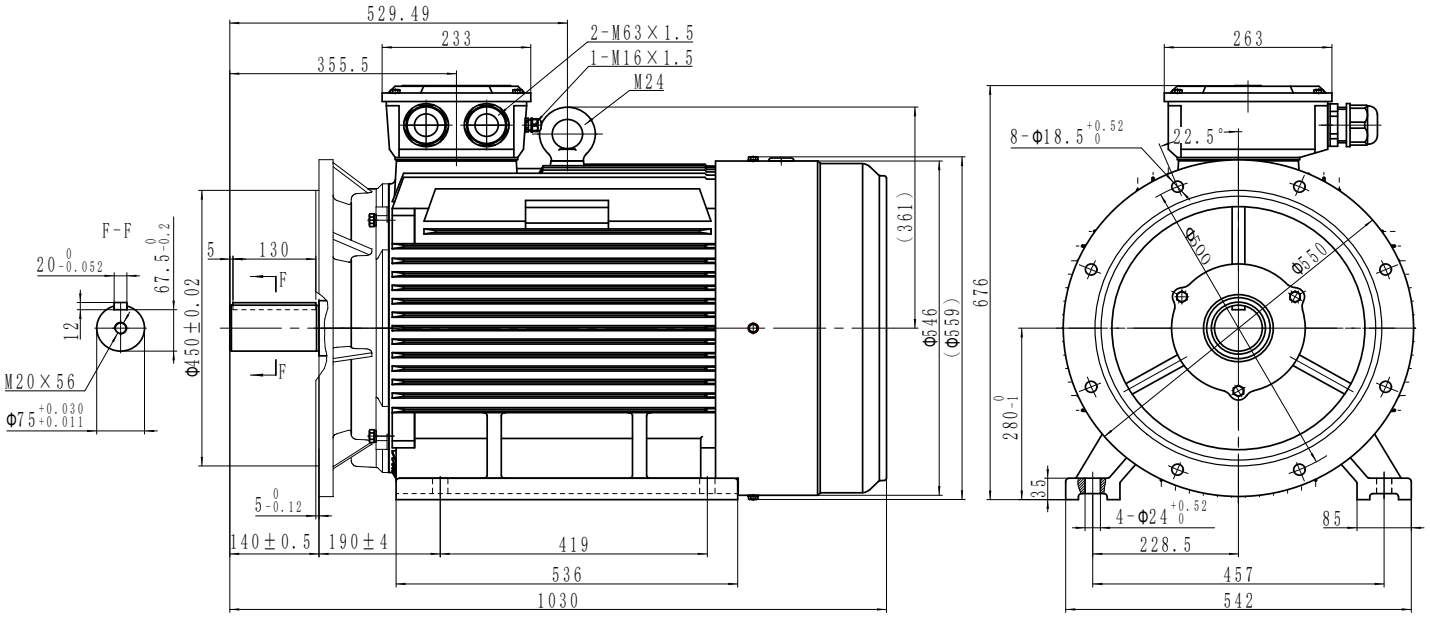
TECHNICAL DATA

Three Phase Electric Motors-Cast iron Frame - PM2C280M4-B35



Type	**PM2C280M4-B35**
Frame Size	**280M**
Capacity	**90kW**
Speed / Pole	**1480RPM / 4 Pole**
Mounting Position	**IMB35**
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 (94.2%)**
Power Factor COS (phi)	**88%**
I-starting / I-nominal	**6.9**
T-starting / T-nominal	**2.2**
T-max/Tn	**2.3**
Full Load Torque	**580Nm**
Thermal protection	**PTC thermistor**
Noise	**78.3dB**
Bearing DE	**SKF 6317**
Bearing NDE	**SKF 6314**
Weight (kg)	**672**

Electrical data:

Rated Power (kW)	**90**		**87.3**		**108**		**104**
Frequency (Hz)	**50**		**50**		**60**		**60**
Voltage (V)	**400**	**690**	**380**	**660**	**480**	**830**	**440**
Speed (RPM)	**1480**	**1480**	**1480**	**1480**	**1775**	**1775**	**1775**
Connection	**Δ**	**Y**	**Δ**	**Y**	**Δ**	**Y**	**Δ**
Full load current (A)	**156**	**90.4**	**162**	**93.3**	**156**	**90.4**	**166**

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