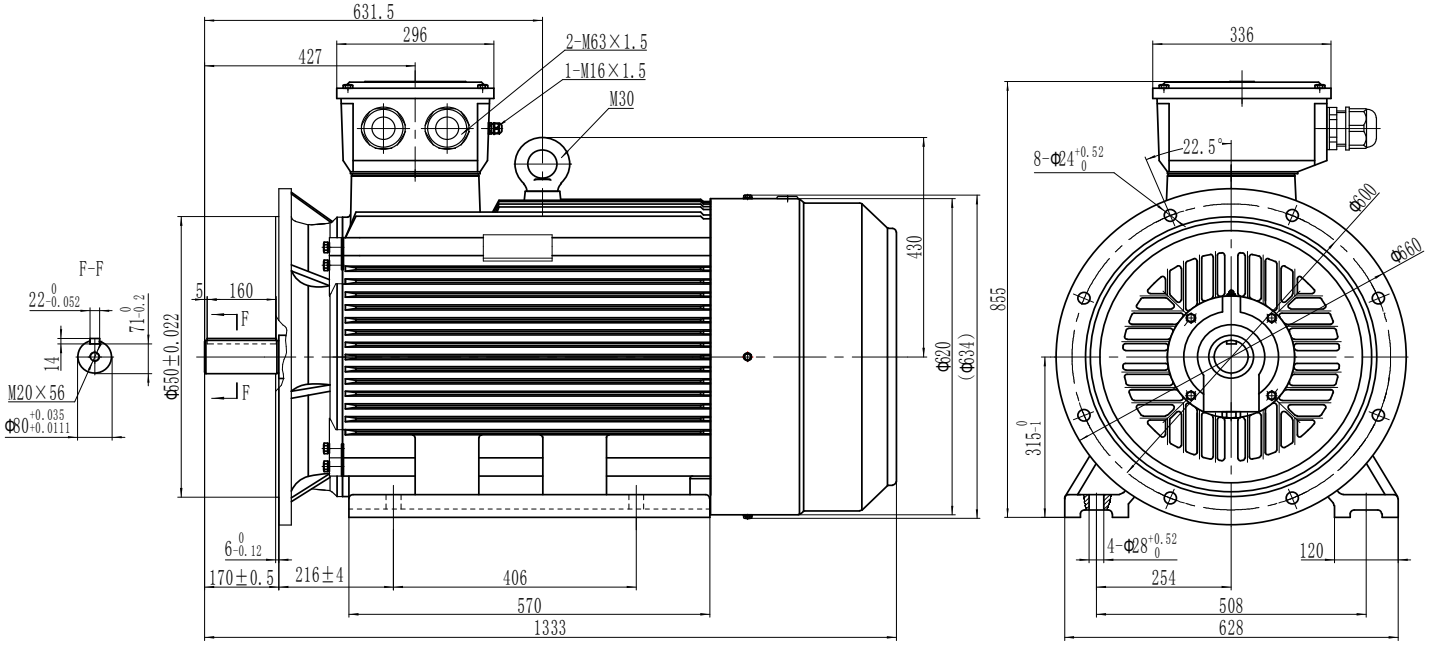
TECHNICAL DATA

Three Phase Electric Motors-Cast iron Frame - PM3C315S6-B35



Type	**PM3C315S6-B35**
Frame Size	**315S**
Capacity	**75kW**
Speed / Pole	**990RPM / 6 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	**IE3 Premium Efficiency**
Power Factor COS (phi)	**86%**
I-starting / I-nominal	**5.8**
T-starting / T-nominal	**2.0**
T-max/Tn	**2.3**
Full Load Torque	**725.4Nm**
Thermal protection	**PTC thermistor**
Noise	**75.2dB**
Bearing DE	**SKF NU319**
Bearing NDE	**SKF 6319**
Weight (kg)	**900**

Electrical data:

Rated Power (kW)	**75**		**72.8**		**90**		**87.3**
Frequency (Hz)	**50**		**50**		**60**		**60**
Voltage (V)	**400**	**690**	**380**	**660**	**480**	**830**	**440**
Speed (RPM)	**990**	**990**	**990**	**990**	**1185**	**1185**	**1185**
Connection	**Δ**	**Y**	**Δ**	**Y**	**Δ**	**Y**	**Δ**
Full load current (A)	**133**	**76.8**	**137**	**78.9**	**133**	**76.8**	**137**

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