



Specification **IEC 60034-1**

Manufacturer **AmTecs**

Motor type **AM3-IE3 225M2**

Rated power **45 kW S1 Duty**

Speed **2970 rpm**

Voltage **400V / 690V**

Frequency **50 Hz**

Connection **Delta / Star**

Full load current **77.6 A / 45 A**

No-load current

Enclosure **IP55**

Insulation class **F (temp. rise B)**

Max. ambient temp **40 °C**

Max. altitude **1000 mtr above sea level**

Comment

Cable entry **M40 X 1.5**

Construction **Cast Iron**

Weight **324 Kg**

Type number

Warranty

Efficiency class **IE3**

Load data **100%**

Efficiency **94 %**

Power factor **0.89**

Sound pressure level (1m) **86 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **144.7 Nm**

Starting / Full load torque **2.5**

Pull up / Full load torque

Pull out / Full load torque **3**

Starting / Full load current (DOL) **9**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6312**

Bearing NDE **6312**

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