



Specification **IEC 60034-1**

Manufacturer **AmTecs**

Motor type **AMA3-IE3 160M8**

Rated power **4 kW S1 Duty**

Speed **720 rpm**

Voltage **400V / 690V**

Frequency **50 Hz**

Connection **Delta / Star**

Full load current **9.33 A / 5.41 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 **M32 x 1.5**

Construction **Aluminium**

Weight **100 Kg**

Type number

Warranty

Efficiency class **IE3**

Load data **100%**

Efficiency **84.8 %**

Power factor **0.73**

Sound pressure level (1m) **58 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **53.06 Nm**

Starting / Full load torque **1.8**

Pull up / Full load torque

Pull out / Full load torque **2**

Starting / Full load current (DOL) **6.9**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6309**

Bearing NDE **6209**

<p>AmTecs Ltd</p> <p>Charnham Park, Hungerford</p> <p>Berkshire, RG17 0YT</p> <p>Tel: +44 (0) 1488 686970</p> <p>Fax: +44 (0) 1488 686968</p>	<p>sales@amtecs.co.uk</p> <p>www.amtecs.co.uk</p>
--	---