



Specification **IEC 60034-1**

Manufacturer **AmTecs**

Motor type **AMA3-IE3 80K2**

Rated power **0.9 kW S1 Duty**

Speed **3480 rpm**

Voltage **277 / 480V**

Frequency **60 Hz**

Connection **Delta / Star**

Full load current **2.85 A / 1.64 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 **M20x1.5**

Construction **Aluminium**

Weight **13.5 Kg**

Type number

Warranty

Efficiency class **IE3**

Load data **100%**

Efficiency **80.7 %**

Power factor **0.82**

Sound pressure level (1m) **63 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **2.47 Nm**

Starting / Full load torque **2.7**

Pull up / Full load torque

Pull out / Full load torque **2.9**

Starting / Full load current (DOL) **8.5**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6204**

Bearing NDE **6204**

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