



Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMA3-IE3 160L4**
 Rated power **18 kW S1 Duty**
 Speed **1758 rpm**
 Voltage **480 / 820V**
 Frequency **60 Hz**
 Connection **Delta / Star**
 Full load current **28.6 A / 16.51 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 **117 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **92.1 %**
 Power factor **0.82**
 Sound pressure level (1m) **68 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **97.8 Nm**
 Starting / Full load torque **1.8**
 Pull up / Full load torque
 Pull out / Full load torque **2.4**
 Starting / Full load current (DOL) **7.2**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6309**
 Bearing NDE **6209**

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