



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**

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