



**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**

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