



**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AMA-IE2 160 M4**  
**Rated power 11 kW S1 Duty**  
**Speed 1460 rpm**  
**Voltage 400V / 690V**  
**Frequency 50 Hz**  
**Connection Delta / Star**  
**Full load current 21 A / 12.12 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 99 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE2**  
**Load data 100%**  
**Efficiency 89.8 %**  
**Power factor 0.84**  
**Sound pressure level (1m) 63 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 71.9 Nm**  
**Starting / Full load torque 2.5**  
**Pull up / Full load torque**  
**Pull out / Full load torque 2.9**  
**Starting / Full load current (DOL) 6.9**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6309**  
**Bearing NDE 6209**