



**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AM1-IE2 160MX2**  
**Rated power 18 kW S1 Duty**  
**Speed 3516 rpm**  
**Voltage 480 / 820V**  
**Frequency 60 Hz**  
**Connection Delta / Star**  
**Full load current 26.9 A / 15.6 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 Cast Iron**  
**Weight 117 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE2**  
**Load data 100%**  
**Efficiency 90.3 %**  
**Power factor 0.89**  
**Sound pressure level (1m) 86 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 49 Nm**  
**Starting / Full load torque 2.3**  
**Pull up / Full load torque**  
**Pull out / Full load torque 2.9**  
**Starting / Full load current (DOL) 8.1**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6209**  
**Bearing NDE 6209**

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