



**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AMAS-SR-IE2 112 M2**  
**Rated power 3.7 kW S1 Duty**  
**Speed 2900 rpm**  
**Voltage 220V**  
**Frequency 50 Hz**  
**Connection Single Phase**  
**Full load current 21.3 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 M25 x 1.5**  
**Construction Aluminium**  
**Weight 36.3 Kg**  
**Type number**  
**Warranty**  
**Run Capacitor 40uf/450V**  
**Start Capacitor 600uf/250V**

**Efficiency class IE2**  
**Load data 100%**  
**Efficiency 85.8 %**  
**Power factor 0.95**  
**Sound pressure level (1m) 83 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 13.17 Nm**  
**Starting / Full load torque 2.2**  
**Pull up / Full load torque**  
**Pull out / Full load torque 1.7**

**Starting / Full load current (DOL)**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6306**  
**Bearing NDE 6206**

**Protection Device Thermal Reset Switch**

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