



**Specification** IEC 60034-1  
**Manufacturer** AmTecs  
**Motor type** AMAB-IE3 112M2  
**Rated power** 4 kW S1 Duty  
**Speed** 2920 rpm  
**Voltage** 400V / 690V  
**Frequency** 50 Hz  
**Connection** Delta / Star  
**Full load current** 7.45 A / 4.32 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** 45 Kg  
**Type number**  
**Warranty**  
**Brake Torque** 40 (Nm)  
**Brake Response** 0.48 (ms)  
**Brake Power** 75 (W)  
**Brake Voltage** 170

**Efficiency class** IE3  
**Load data** 100%  
**Efficiency** 88.1 %  
**Power factor** 0.88  
**Sound pressure level (1m)** 77 dB(A)  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque** 13.1 Nm  
**Starting / Full load torque** 2.2  
**Pull up / Full load torque**  
**Pull out / Full load torque** 2.3

**Starting / Full load current (DOL)** 8.5  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE** 6306  
**Bearing NDE** 6306

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