



Remarks:

- Glands: 1 off M25 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M25 x 1.5
- Eye bolt M8

DRAWN James Souter	30/01/2024	<b>AMTECS LTD</b>	
CHECKED Oliver Young	01/02/2024		
QA		TITLE	
MFG		AMA3-IE3 112M (B14L)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 112M (B14L)
		SCALE 1:5	REV
			SHEET 1 OF 1

**Specification** IEC 60034-1  
**Manufacturer** AmTecs  
**Motor type** AMA3-IE3 112M8  
**Rated power** 1.5 kW S1 Duty  
**Speed** 705 rpm  
**Voltage** 220V / 400V  
**Frequency** 50 Hz  
**Connection** Delta / Star  
**Full load current** 6.75 A / 3.88 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** Kg  
**Type number**  
**Warranty**

**Efficiency class** IE3  
**Load data** 100%  
**Efficiency** 79.7 %  
**Power factor** 0.7  
**Sound pressure level (1m)** 54 dB(A)  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque** 20.3 Nm  
**Starting / Full load torque** 1.8  
**Pull up / Full load torque**  
**Pull out / Full load torque** 2  
**Starting / Full load current (DOL)** 6.7  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE** 6306  
**Bearing NDE** 6306

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