



Remarks:

1. Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5

DRAWN James Souter 25/01/2024	<b>AMTECS LTD</b>		
CHECKED Oliver Young 26/01/2024			
QA	TITLE AMA3-IE3 80 (B14S)		
MFG	APPROVED		
	SIZE A3	DWG NO AMA3-IE3 80 (B14S)	REV
	SCALE 1 / 4	SHEET 1 OF 1	

**Specification** IEC 60034-1  
**Manufacturer** AmTecs  
**Motor type** AMA3-IE3 80K2  
**Rated power** 0.75 kW S1 Duty  
**Speed** 2900 rpm  
**Voltage** 220V / 400V  
**Frequency** 50 Hz  
**Connection** Delta / Star  
**Full load current** 2.85 A / 1.64 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** M20x1.5  
**Construction** Aluminium  
**Weight** 13.5 Kg  
**Type number**  
**Warranty**

**Efficiency class** IE3  
**Load data** 100%  
**Efficiency** 80.7 %  
**Power factor** 0.82  
**Sound pressure level (1m)** 58 dB(A)  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque** 2.47 Nm  
**Starting / Full load torque** 2.8  
**Pull up / Full load torque**  
**Pull out / Full load torque** 3

**Starting / Full load current (DOL)** 8  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE** 6204  
**Bearing NDE** 6204

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