



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	24/01/2024	<b>AMTECS LTD</b>	
CHECKED Oliver Young	29/01/2024		
QA		TITLE	
MFG		AMA3-IE3 90S (B14S)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 90S (B14S)
		SCALE 1 / 4	REV
		SHEET 1 OF 1	

**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AMA3-IE3 90S6**  
**Rated power 0.75 kW S1 Duty**  
**Speed 955 rpm**  
**Voltage 220V / 400V**  
**Frequency 50 Hz**  
**Connection Delta / Star**  
**Full load current 3.36 A / 1.93 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 M20 x 1.5**  
**Construction Aluminium**  
**Weight 20 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE3**  
**Load data 100%**  
**Efficiency 78.9 %**  
**Power factor 0.71**  
**Sound pressure level (1m) 51 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 7.5 Nm**  
**Starting / Full load torque 1.9**  
**Pull up / Full load torque**  
**Pull out / Full load torque 2.3**

**Starting / Full load current (DOL) 6**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6205**  
**Bearing NDE 6205**

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