



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	23/01/2024	<b>AMTECS LTD</b>	
CHECKED Oliver Young	29/01/2024		
QA		AMA3-IE3 90L (B14S)	
MFG		SIZE A3	DWG NO AMA3-IE3 90L (B14S)
APPROVED		SCALE 1 / 4	REV
		SHEET 1 OF 1	

Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AMA3-IE3 90L2**  
 Rated power **2.2 kW S1 Duty**  
 Speed **2915 rpm**  
 Voltage **220V / 400V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **7.56 A / 4.35 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 **21.5 Kg**  
 Type number  
 Warranty

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **85.9 %**  
 Power factor **0.85**  
 Sound pressure level (1m) **62 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **7.21 Nm**  
 Starting / Full load torque **2.6**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.5**  
 Starting / Full load current (DOL) **8.5**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6205**  
 Bearing NDE **6205**

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