



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	AMTECS LTD	
CHECKED Oliver Young	31/01/2024		
QA		TITLE	
MFG		AMA3-IE3 90S (B5)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 90S (B5)
		SCALE 1 / 4	REV
		SHEET 1 OF 1	

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMA3-IE3 90S2**
 Rated power **1.5 kW S1 Duty**
 Speed **2900 rpm**
 Voltage **220V / 400V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **5.32 A / 3.06 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 **19 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **84.2 %**
 Power factor **0.84**
 Sound pressure level (1m) **62 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **4.94 Nm**
 Starting / Full load torque **2.4**
 Pull up / Full load torque
 Pull out / Full load torque **3.2**

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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