



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	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 **1.8 kW S1 Duty**  
 Speed **3480 rpm**  
 Voltage **277 / 480V**  
 Frequency **60 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) **67 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 **3.1**

Starting / Full load current (DOL) **9.0**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6205**  
 Bearing NDE **6205**

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