



Remarks:  
 1. Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5  
 2. Eye bolt M8

DRAWN	JamesSouter	29/01/2024	<b>AMTECS LTD</b>	
CHECKED	Oliver Young	31/01/2024		
QA			AMA3-IE3 100L (B5)	
MFG			SIZE	A3
APPROVED			DWG NO	AMA3-IE3 100L (B5)
			SCALE	1:3
				SHEET 1 OF 1

Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AMA3-IE3 100L6**  
 Rated power **1.5 kW S1 Duty**  
 Speed **960 rpm**  
 Voltage **220V / 400V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **6.25 A / 3.59 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 **30 Kg**  
 Type number  
 Warranty

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **82.5 %**  
 Power factor **0.73**  
 Sound pressure level (1m) **53 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **14.9 Nm**  
 Starting / Full load torque **2.6**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.1**  
 Starting / Full load current (DOL) **6.5**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6206**  
 Bearing NDE **6206**

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