



Remarks:

- Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5
- Eye bolt M8

DRAWN	James Souter	29/01/2024	AMTECS LTD	
CHECKED	Oliver Young	31/01/2024		
QA			AMA3-IE3 100L (B14S)	
MFG			SIZE	A3
APPROVED			DWG NO	AMA3-IE3 100L (B14S)
			SCALE	1 / 4
				SHEET 1 OF 1

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMA3-IE3 100LX8**
 Rated power **1.1 kW S1 Duty**
 Speed **710 rpm**
 Voltage **220V / 400V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **5.15 A / 2.96 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 **Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **77.7 %**
 Power factor **0.69**
 Sound pressure level (1m) **49 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **14.8 Nm**
 Starting / Full load torque **1.8**
 Pull up / Full load torque
 Pull out / Full load torque **2**
 Starting / Full load current (DOL) **6.2**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6206**
 Bearing NDE **6206**

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