



Remarks:

1. Glands: 1 off M25 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M25 x 1.5
2. 2 off 14mm Lifting Hooks (See detail B)

DRAWN	JamesSouter	19/03/2024	AMTECS LTD	
CHECKED	Oliver Young	20/03/2024		
QA			TITLE	
MFG			AMA3-IE3 160L (B5)	
APPROVED			SIZE	DWG NO
			A3	AMA3-IE3 160L (B5)
			SCALE	1:6
				SHEET 1 OF 1

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AMA3-IE3 160L2**
 Rated power **18.5 kW S1 Duty**
 Speed **2940 rpm**
 Voltage **400V / 690V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **32 A / 18.48 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 **M32 x 1.5**
 Construction **Aluminium**
 Weight **118 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **92.4 %**
 Power factor **0.89**
 Sound pressure level (1m) **71 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **60.1 Nm**
 Starting / Full load torque **1.6**
 Pull up / Full load torque
 Pull out / Full load torque **2.5**
 Starting / Full load current (DOL) **7**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6209**
 Bearing NDE **6209**

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