



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	James Souter	29/01/2024	AMTECS LTD	
CHECKED	Oliver Young	31/01/2024		
QA			AMA3-IE3 100L (B34S)	
MFG			SIZE	A3
APPROVED			DWG NO	AMA3-IE3 100L (B34S)
			SCALE	1 / 4
				SHEET 1 OF 1

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA3-IE3 100L4
Rated power 2.2 kW S1 Duty
Speed 1455 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 7.86 A / 4.52 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 32.5 Kg
Type number
Warranty

Efficiency class IE3
Load data 100%
Efficiency 86.7 %
Power factor 0.81
Sound pressure level (1m) 56 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 14.4 Nm
Starting / Full load torque 3.1
Pull up / Full load torque
Pull out / Full load torque 3.7
Starting / Full load current (DOL) 8.6
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6206
Bearing NDE 6206

AmTecs Ltd	
Charnham Park, Hungerford Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk