



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	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 100L2
Rated power 3.6 kW S1 Duty
Speed 3492 rpm
Voltage 277 / 480V
Frequency 60 Hz
Connection Delta / Star
Full load current 9.9 A / 5.71 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 30.5 Kg
Type number
Warranty

Efficiency class IE3
Load data 100%
Efficiency 87.1 %
Power factor 0.87
Sound pressure level (1m) 70 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 9.85 Nm
Starting / Full load torque 3.1
Pull up / Full load torque
Pull out / Full load torque 3.4
Starting / Full load current (DOL) 9.0
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