



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	26/01/2024	AMTECS LTD	
CHECKED Oliver Young	31/01/2024		
QA		TITLE	
MFG		AMA3-IE3 100L (B14L)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 100L (B14L)
		SCALE 1 / 4	REV
		SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 100L6
Rated power	1.8 kW S1 Duty
Speed	1152 rpm
Voltage	277 / 480V
Frequency	60 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)	58 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	14.9 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	3.0

Starting / Full load current (DOL)	6.9
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