



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		AMA3-IE3 100L (B14L)		
MFG		SIZE A3	DWG NO AMA3-IE3 100L (B14L)	REV
APPROVED		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