



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. Eye bolt M8

DRAWN James Souter	30/01/2024	AMTECS LTD	
CHECKED Oliver Young	01/02/2024		
QA		AMA3-IE3 112M (B14S)	
MFG		SIZE A3	DWG NO AMA3-IE3 112M (B14S)
APPROVED		SCALE 1:5	REV
		SHEET 1 OF 1	

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA3-IE3 112M4
Rated power 4 kW S1 Duty
Speed 1440 rpm
Voltage 400V / 690V
Frequency 50 Hz
Connection Delta / Star
Full load current 8.14 A / 4.7 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 M25 x 1.5
Construction Aluminium
Weight 44 Kg
Type number
Warranty

Efficiency class IE3
Load data 100%
Efficiency 88.6 %
Power factor 0.8
Sound pressure level (1m) 58 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 26.5 Nm
Starting / Full load torque 2.3
Pull up / Full load torque
Pull out / Full load torque 3.2
Starting / Full load current (DOL) 7
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6306
Bearing NDE 6306

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