



Remarks:

- Glands: 1 off M25 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M25 x 1.5
- 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)	REV
APPROVED		SCALE 1:5	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

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