



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		TITLE	
MFG		AMA3-IE3 112M (B14S)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 112M (B14S)
		SCALE 1:5	REV
		SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 112M6
Rated power	2.2 kW S1 Duty
Speed	965 rpm
Voltage	220V / 400V
Frequency	50 Hz
Connection	Delta / Star
Full load current	8.85 A / 5.09 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	35.5 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	84.3 %
Power factor	0.74
Sound pressure level (1m)	58 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	21.8 Nm
Starting / Full load torque	2.2
Pull up / Full load torque	
Pull out / Full load torque	3
Starting / Full load current (DOL)	6.6
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6306
Bearing NDE	6306

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