



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 (B14L)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 112M (B14L)
		SCALE 1:5	REV
		SHEET 1 OF 1	

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA3-IE3 112M8
Rated power 1.8 kW S1 Duty
Speed 846 rpm
Voltage 277 / 480V
Frequency 60 Hz
Connection Delta / Star
Full load current 6.75 A / 3.88 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 Kg
Type number
Warranty

Efficiency class IE3
Load data 100%
Efficiency 79.7 %
Power factor 0.7
Sound pressure level (1m) 59 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 20.3 Nm
Starting / Full load torque 1.8
Pull up / Full load torque
Pull out / Full load torque 2.0
Starting / Full load current (DOL) 7.1
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6306
Bearing NDE 6306

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