



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		TITLE	
MFG		AMA3-IE3 100L (B14L)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 100L (B14L)
		SCALE 1 / 4	REV
		SHEET 1 OF 1	

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA3-IE3 100LX4
Rated power 3 kW S1 Duty
Speed 1450 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 10.5 A / 6.02 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 38.5 Kg
Type number
Warranty

Efficiency class IE3
Load data 100%
Efficiency 87.7 %
Power factor 0.82
Sound pressure level (1m) 56 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 19.8 Nm
Starting / Full load torque 3.2
Pull up / Full load torque
Pull out / Full load torque 3.7
Starting / Full load current (DOL) 8.8
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6206
Bearing NDE 6206

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