



AMTECS LTD

TITLE		
AMA (B3)		
SIZE	DWG NO	REV
SHEET 1 OF 1		

This drawing serves only as a sketch to show dimensions.
The product delivered may differ. A detailed description of the product can be found below.

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMAB-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	41 Kg
Type number	
Warranty	
Brake Torque	30 (Nm)
Brake Response	0.35 (ms)
Brake Power	60 (W)
Brake Voltage	99

Efficiency class	IE3
Load data	100%
Efficiency	87.7 %
Power factor	0.82
Sound pressure level (1m)	72 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	19.8 Nm
Starting / Full load torque	2.3
Pull up / Full load torque	
Pull out / Full load torque	2.3

Starting / Full load current (DOL)	7.5
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6206
Bearing NDE	6206

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