



AMTECS LTD

TITLE AMA (B35)		
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 90L4
Rated power 1.5 kW S1 Duty
Speed 1445 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 5.73 A / 3.3 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 27 Kg
Type number
Warranty
Brake Torque 15 (Nm)
Brake Response 0.38 (ms)
Brake Power 45 (W)
Brake Voltage 99

Efficiency class IE3
Load data 100%
Efficiency 85.3 %
Power factor 0.77
Sound pressure level (1m) 70 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 9.91 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
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6205
Bearing NDE 6205

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