



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.

AMTECS LTD		
TITLE AMA (B14L)		
SIZE	DWG NO	REV
SCALE 1 / 3	SHEET 1 OF 1	

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMAB-IE3 80G4
Rated power 0.75 kW S1 Duty
Speed 1445 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 3.04 A / 1.75 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 M20x1.5
Construction Aluminium
Weight 14.5 Kg
Type number
Warranty
Brake Torque 8 (Nm)
Brake Response 0.25 (ms)
Brake Power 28 (W)
Brake Voltage 99

Efficiency class IE3
Load data 100%
Efficiency 82.5 %
Power factor 0.75
Sound pressure level (1m) 67 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 4.96 Nm
Starting / Full load torque 2.3
Pull up / Full load torque
Pull out / Full load torque 2.3

Starting / Full load current (DOL) 6.5
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6204
Bearing NDE 6204

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