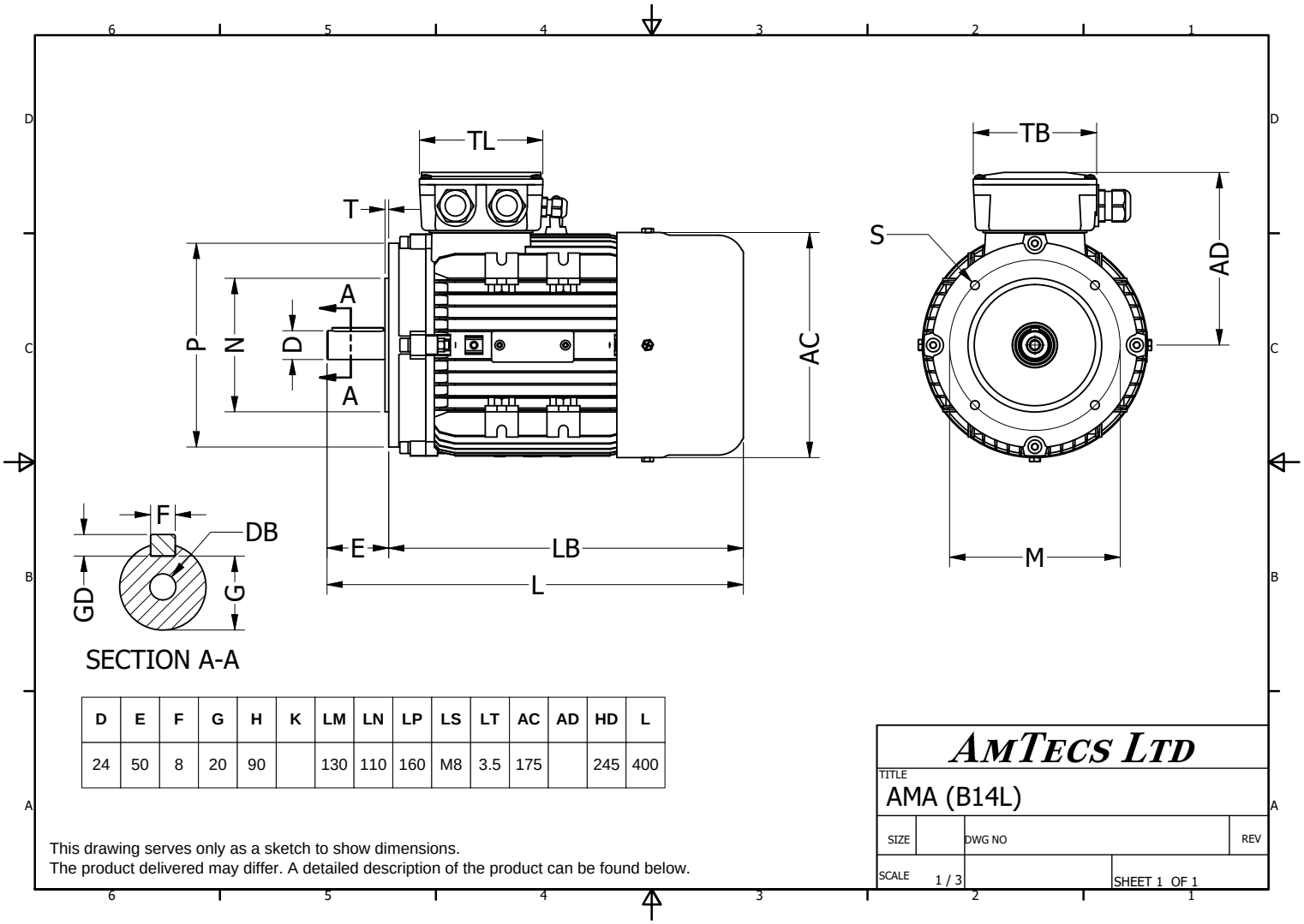
AMAB-IE3 90S2 (B14L)

AMTECS



D	E	F	G	H	K	LM	LN	LP	LS	LT	AC	AD	HD	L
24	50	8	20	90		130	110	160	M8	3.5	175		245	400

AMTECS LTD

TITLE AMA (B14L)

SIZE | DWG NO | REV

SCALE 1 / 3 | 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**	Efficiency class	**IE3**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AMAB-IE3 90S2**	Efficiency	**84.2** %
Rated power	**1.8** kW **S1** Duty	Power factor	**0.84**
Speed	**3480** rpm	Sound pressure level (1m)	**72** dB(A)
Voltage	**277 / 480V**	Resistance R20 (open)	
Frequency	**60** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**5.32 A / 3.06 A**	Full load torque	**4.94** Nm
No-load current		Starting / Full load torque	**2.2**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**2.3**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**8.4**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**19** Kg	Rotor Inertia	
Type number		Bearing DE	**6205**
Warranty		Bearing NDE	**6205**
Brake Torque	**15** (Nm)		
Brake Response	**0.38** (ms)		
Brake Power	**45** (W)		
Brake Voltage	**99**		

AmTecs Ltd
Charnham Park, Hungerford
Berkshire, RG17 0YT
Tel: +44 (0) 1488 686970
Fax: +44 (0) 1488 686968
sales@amtecs.co.uk
www.amtecs.co.uk

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