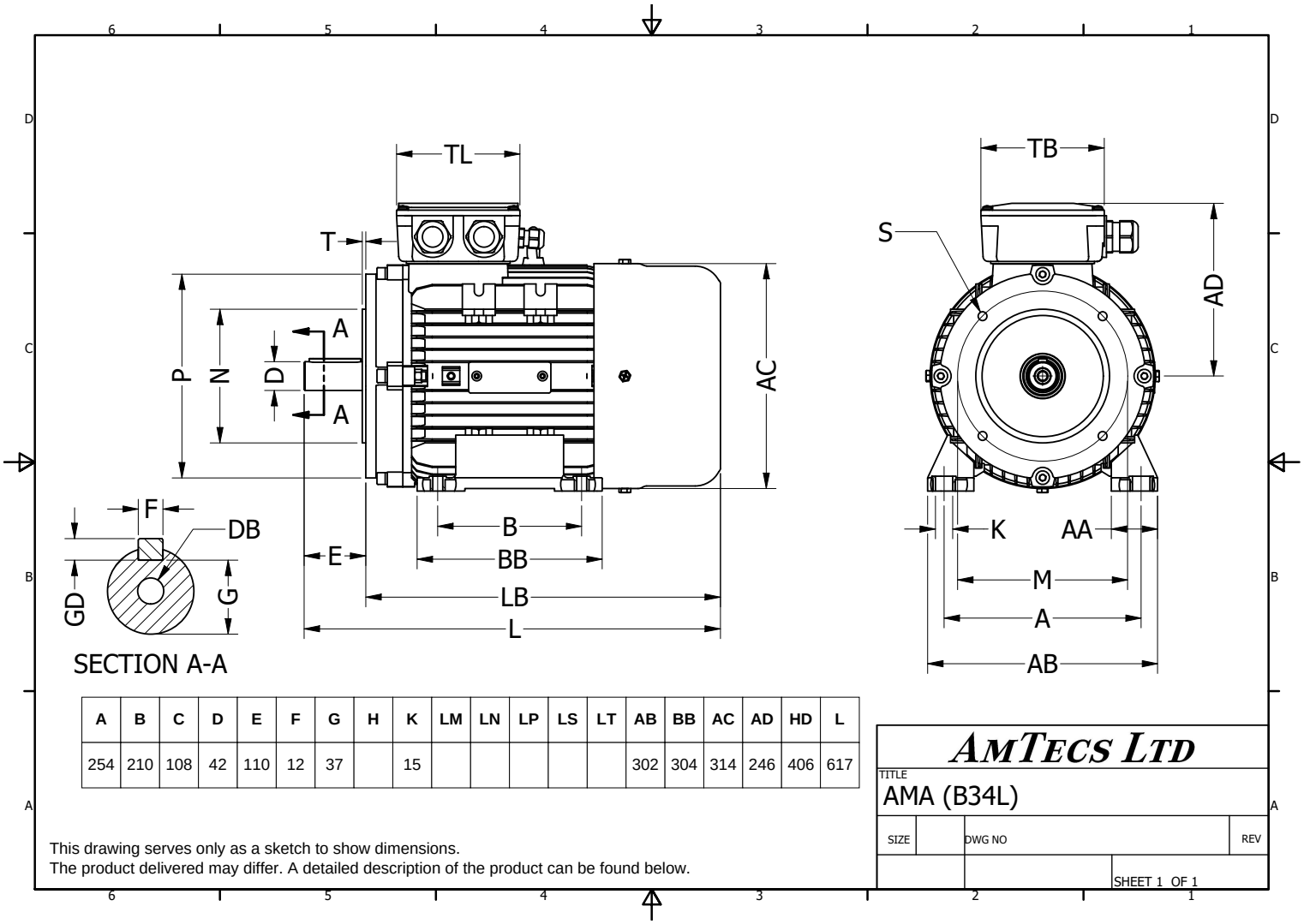
AMA3-IE3 160M8 (B34L)

AMTECS



A	B	C	D	E	F	G	H	K	LM	LN	LP	LS	LT	AB	BB	AC	AD	HD	L
254	210	108	42	110	12	37		15						302	304	314	246	406	617

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 (B34L)

SIZE | DWG NO | REV

SHEET 1 OF 1

Specification	**IEC 60034-1**	Efficiency class	**IE3**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AMA3-IE3 160M8**	Efficiency	**84.8** %
Rated power	**4** kW **S1** Duty	Power factor	**0.73**
Speed	**720** rpm	Sound pressure level (1m)	**58** dB(A)
Voltage	**400V / 690V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**9.33 A / 5.41 A**	Full load torque	**53.06** Nm
No-load current		Starting / Full load torque	**1.8**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**2**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M32 x 1.5**	Starting / Full load current (DOL)	**6.9**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**100** Kg	Rotor Inertia	
Type number		Bearing DE	**6309**
Warranty		Bearing NDE	**6209**

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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