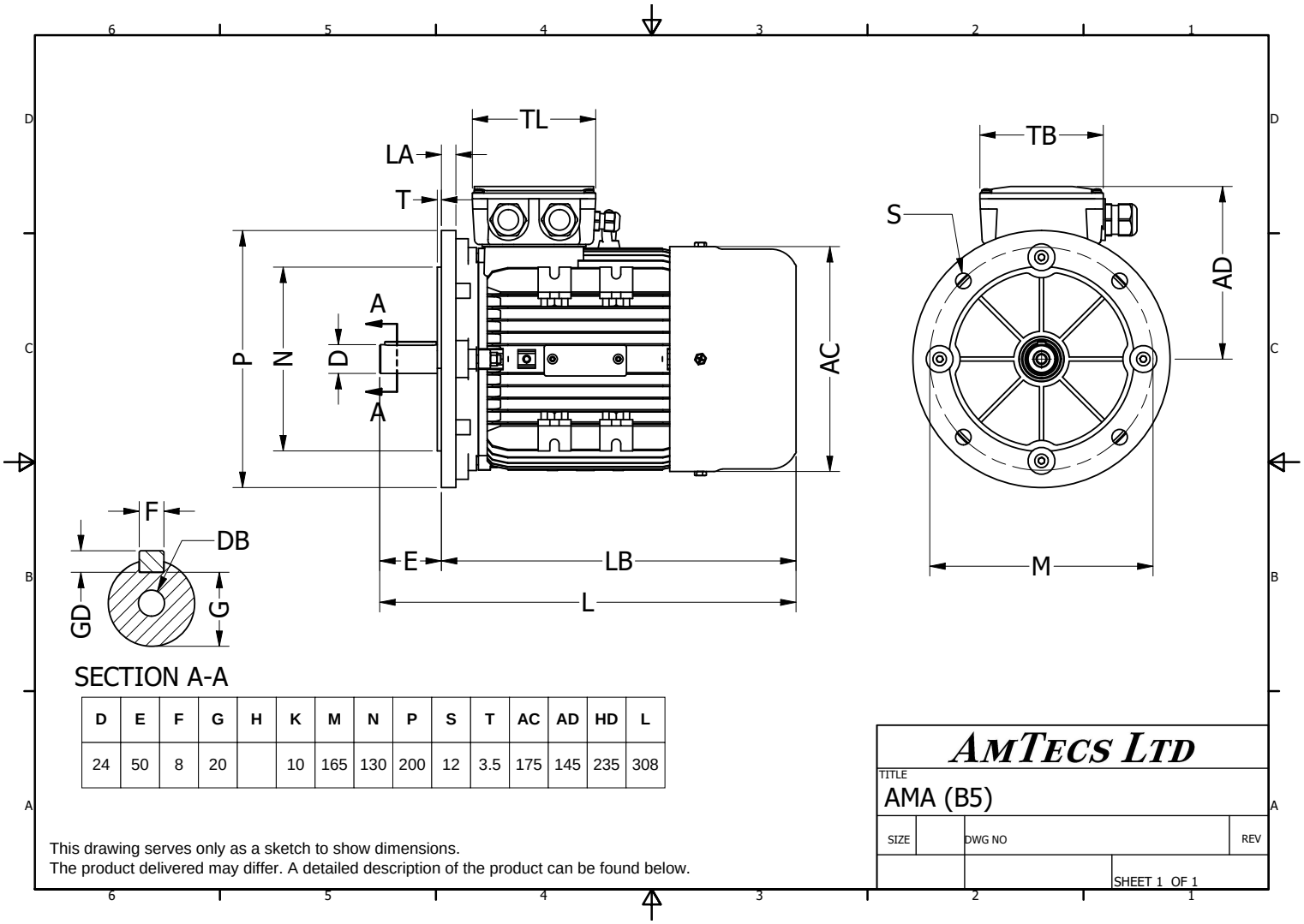
AMA-IE2 90S2 (B5)

AMTECS



SECTION A-A

D	E	F	G	H	K	M	N	P	S	T	AC	AD	HD	L
24	50	8	20		10	165	130	200	12	3.5	175	145	235	308

AMTECS LTD

TITLE
AMA (B5)

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**	Efficiency class	**IE2**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AMA-IE2 90S2**	Efficiency	**81.3** %
Rated power	**1.8** kW **S1** Duty	Power factor	**0.84**
Speed	**3468** rpm	Sound pressure level (1m)	**67** dB(A)
Voltage	**277 / 480V**	Resistance R20 (open)	
Frequency	**60** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**5.51 A / 3.17 A**	Full load torque	**5** Nm
No-load current		Starting / Full load torque	**2.4**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**2.7**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**8.5**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**17.5** Kg	Rotor Inertia	
Type number		Bearing DE	**6205**
Warranty		Bearing NDE	**6205**

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