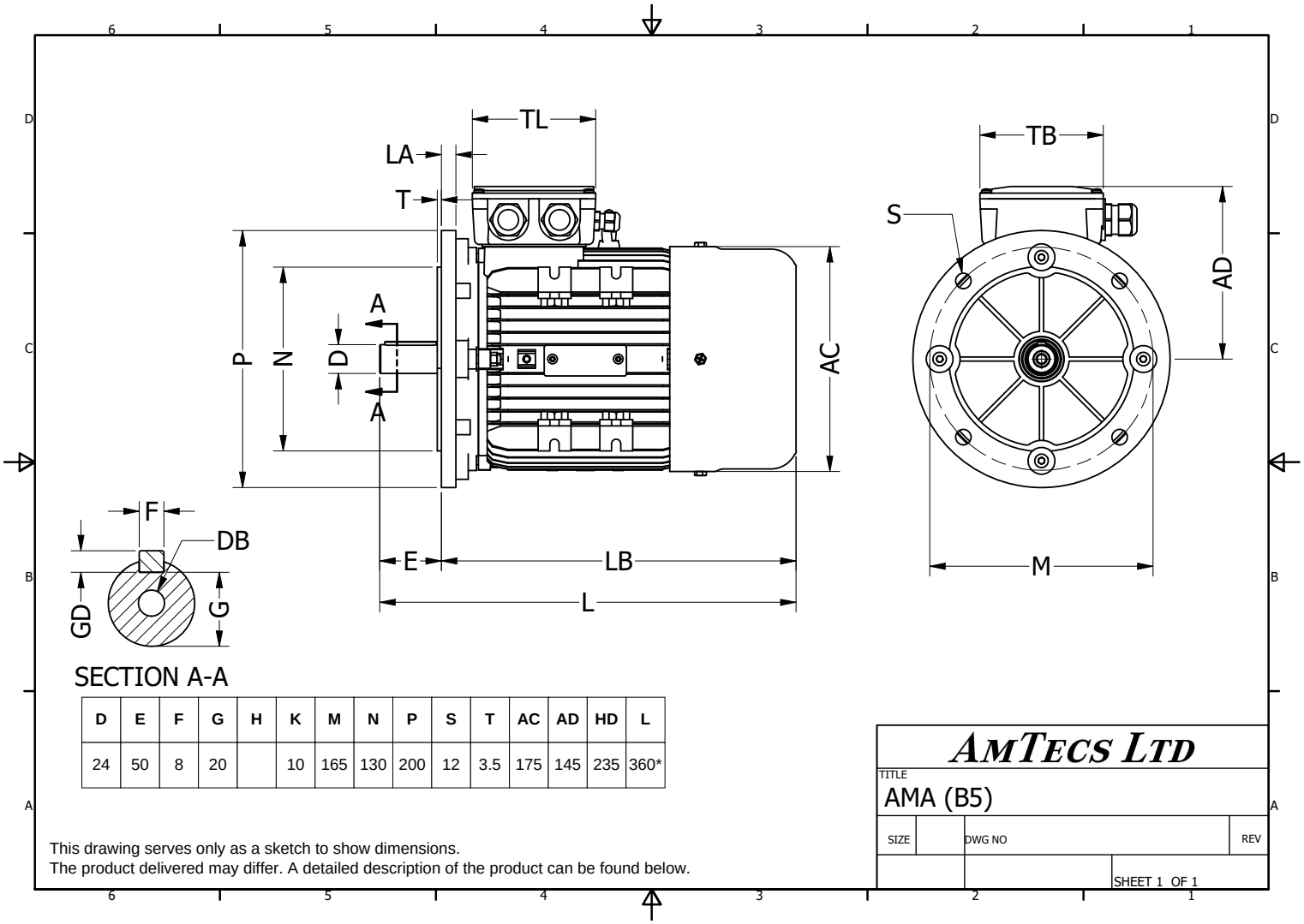
AMA-IE2 90L4 (B5)

AMTECS



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	360*

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 90L4**	Efficiency	**82.8** %
Rated power	**1.8** kW **S1** Duty	Power factor	**0.77**
Speed	**1728** rpm	Sound pressure level (1m)	**59** dB(A)
Voltage	**277 / 480V**	Resistance R20 (open)	
Frequency	**60** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**6.06 A / 3.49 A**	Full load torque	**9.9** 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	**2.4**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**6.4**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**21** Kg	Rotor Inertia	
Type number		Bearing DE	**6205**
Warranty		Bearing NDE	**6205**

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