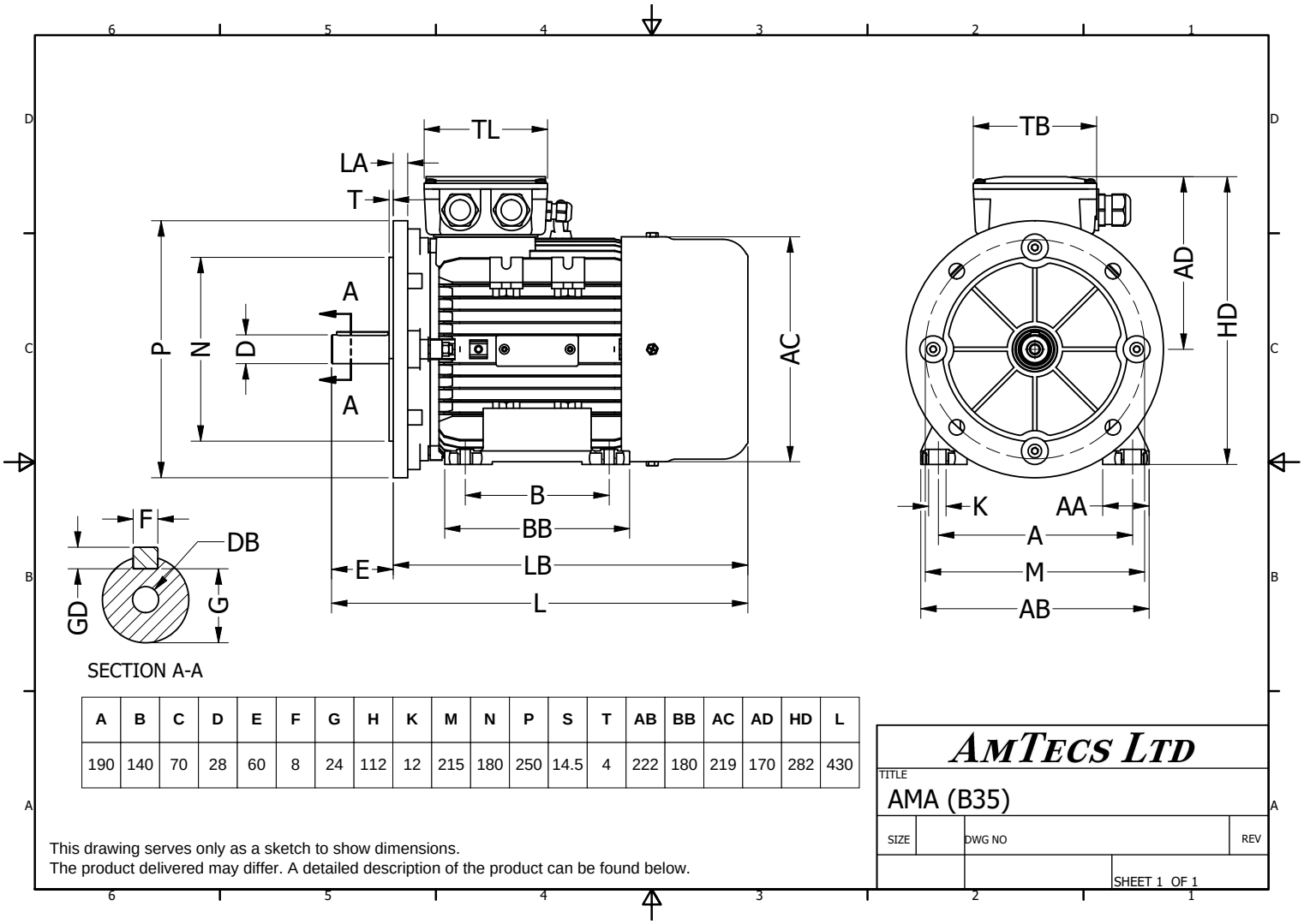
AMAH-IE2 112M2 (B35)

AMTECS



A	B	C	D	E	F	G	H	K	M	N	P	S	T	AB	BB	AC	AD	HD	L
190	140	70	28	60	8	24	112	12	215	180	250	14.5	4	222	180	219	170	282	430

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 (B35)

SIZE | DWG NO | REV

SHEET 1 OF 1

Specification	**IEC 60034-1**	Efficiency class	**IE2**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AMAH-IE2 112M2**	Efficiency	**87** %
Rated power	**5.5** kW **S1** Duty	Power factor	**0.88**
Speed	**2937** rpm	Sound pressure level (1m)	dB(A)
Voltage	**400V / 690V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**10.9 A / 6.28 A**	Full load torque	**17.9** 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	**3.5**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M25 x 1.5**	Starting / Full load current (DOL)	**8.4**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**35** Kg	Rotor Inertia	
Type number		Bearing DE	**6306**
Warranty		Bearing NDE	**6306**

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