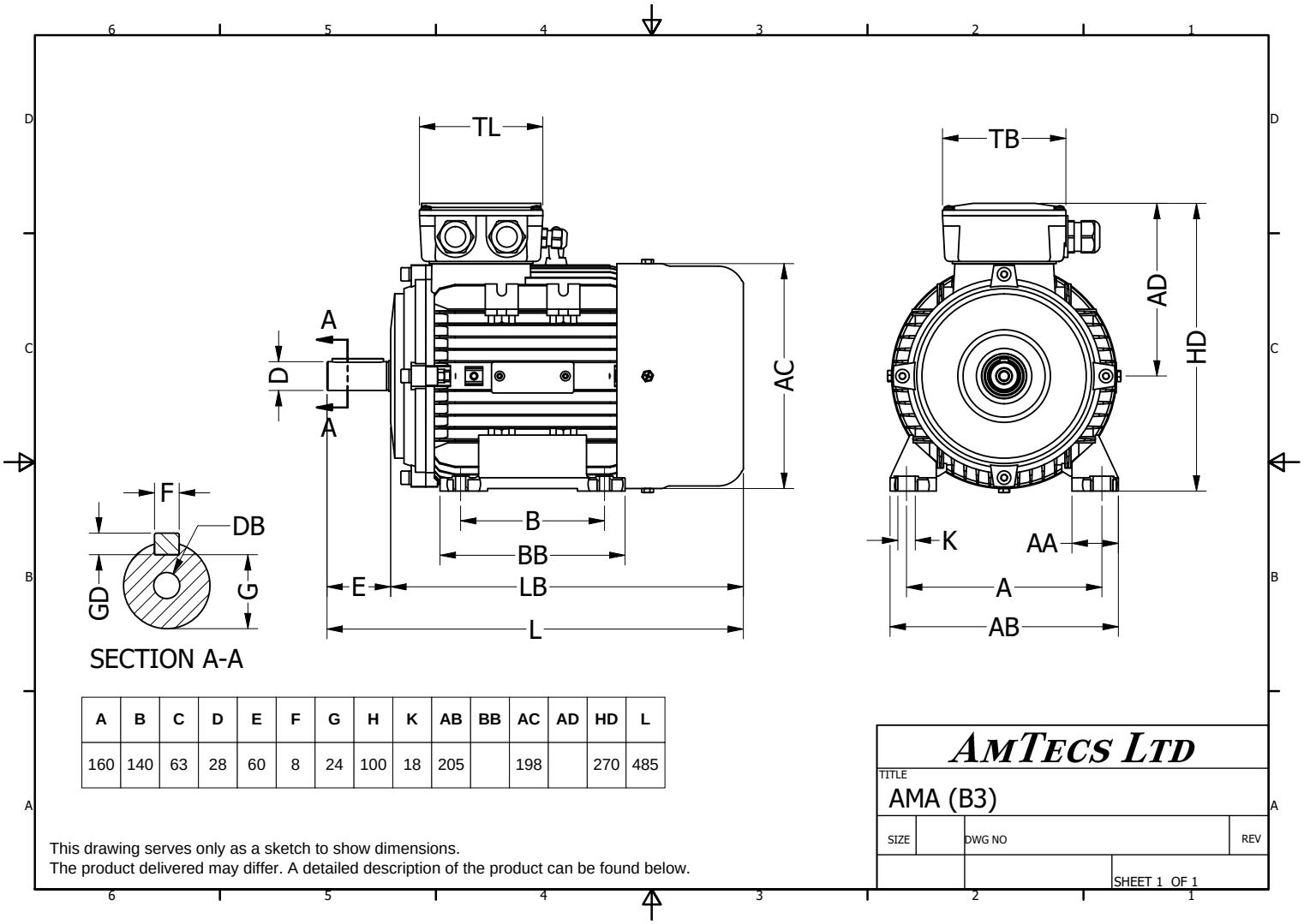
AMAB-IE3 100L2 (B3)

AMTECS



A	B	C	D	E	F	G	H	K	AB	BB	AC	AD	HD	L
160	140	63	28	60	8	24	100	18	205		198		270	485

AMTECS LTD

TITLE
AMA (B3)

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	**IE3**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AMAB-IE3 100L2**	Efficiency	**87.1** %
Rated power	**3** kW **S1** Duty	Power factor	**0.87**
Speed	**2910** rpm	Sound pressure level (1m)	**74** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**9.94 A / 5.71 A**	Full load torque	**9.85** 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)	**8.5**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**31** Kg	Rotor Inertia	
Type number		Bearing DE	**6206**
Warranty		Bearing NDE	**6206**
Brake Torque	**30** (Nm)		
Brake Response	**0.35** (ms)		
Brake Power	**60** (W)		
Brake Voltage	**99**		

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