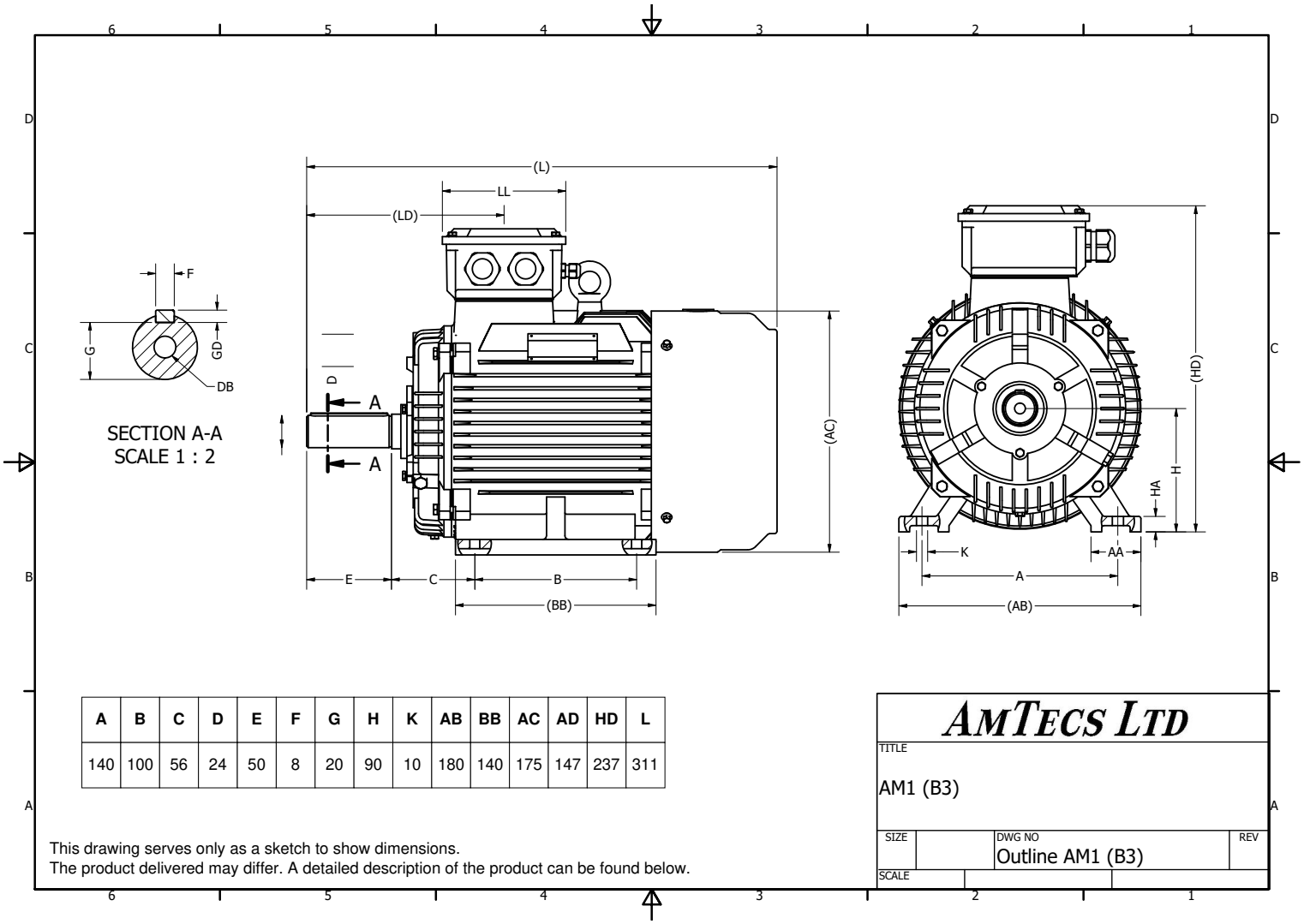
AM3-IE3 90S6 (B3)

AMTECS



A	B	C	D	E	F	G	H	K	AB	BB	AC	AD	HD	L
140	100	56	24	50	8	20	90	10	180	140	175	147	237	311

AMTECS LTD

TITLE: AM1 (B3)

SIZE | DWG NO: Outline AM1 (B3) | REV

SCALE

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	**AM3-IE3 90S6**	Efficiency	**78.9** %
Rated power	**0.75** kW **S1** Duty	Power factor	**0.61**
Speed	**935** rpm	Sound pressure level (1m)	**51** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**3.88 A / 2.24 A**	Full load torque	**7.66** Nm
No-load current		Starting / Full load torque	**2.5**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**3.3**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**4.5**
Construction	**Cast Iron**	Starting / Full load current (Y/D)	
Weight	**27** Kg	Rotor Inertia	
Type number		Bearing DE	**6205**
Warranty		Bearing NDE	**6205**

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