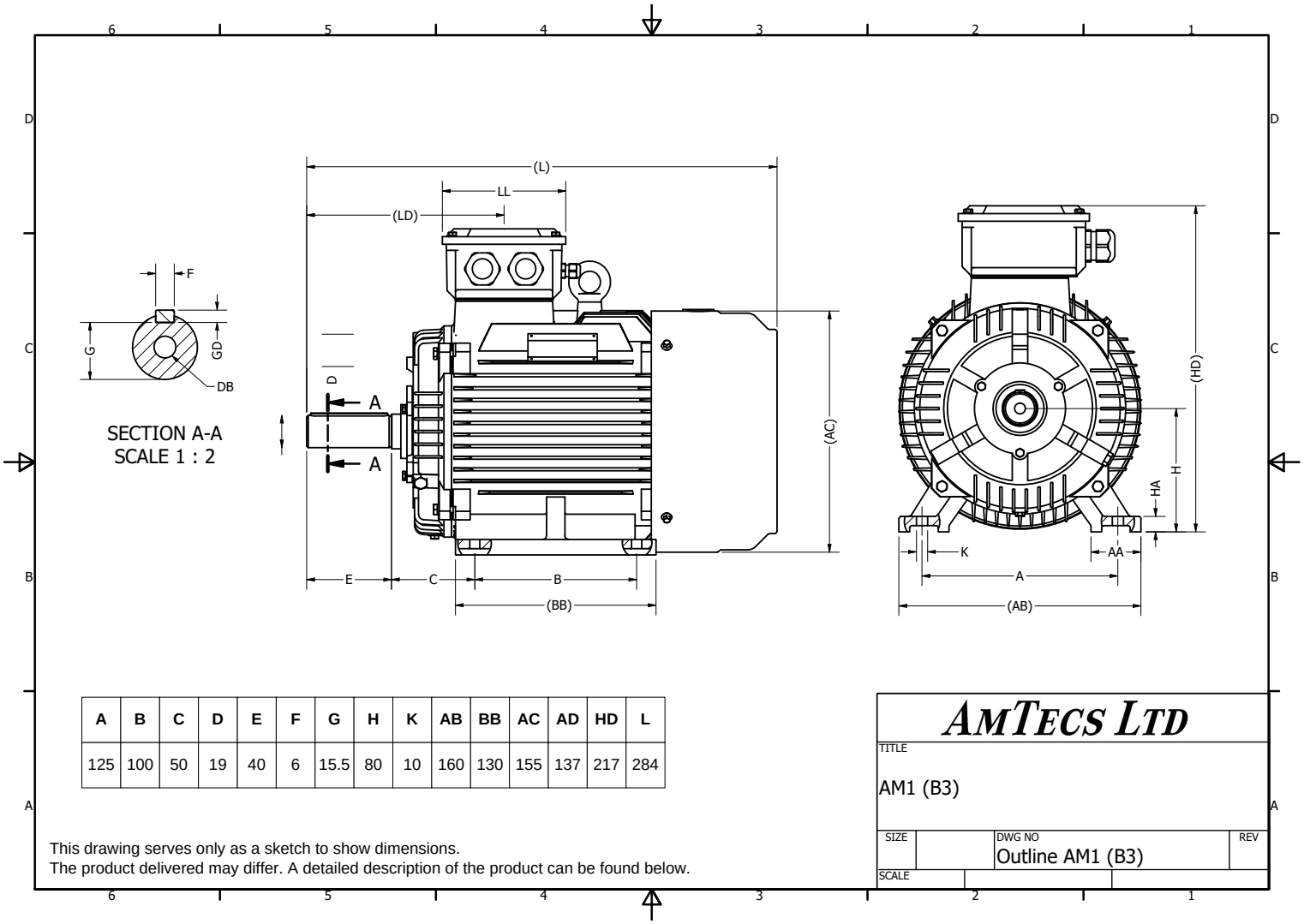
AM1-IE2 80G2 (B3)

AMTECS



SECTION A-A
SCALE 1 : 2

A	B	C	D	E	F	G	H	K	AB	BB	AC	AD	HD	L
125	100	50	19	40	6	15.5	80	10	160	130	155	137	217	284

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: AM1 (B3)

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

SCALE

Specification	**IEC 60034-1**	Efficiency class	**IE2**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AM1-IE2 80G2**	Efficiency	**79.6** %
Rated power	**1.32** kW **S1** Duty	Power factor	**0.84**
Speed	**3450** rpm	Sound pressure level (1m)	**63** dB(A)
Voltage	**277 / 480V**	Resistance R20 (open)	
Frequency	**60** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**4.1 A / 2.4 A**	Full load torque	**4** Nm
No-load current		Starting / Full load torque	**3.1**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**3.7**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20x1.5**	Starting / Full load current (DOL)	**7.4**
Construction	**Cast Iron**	Starting / Full load current (Y/D)	
Weight	**19** Kg	Rotor Inertia	
Type number		Bearing DE	**6204**
Warranty		Bearing NDE	**6204**

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