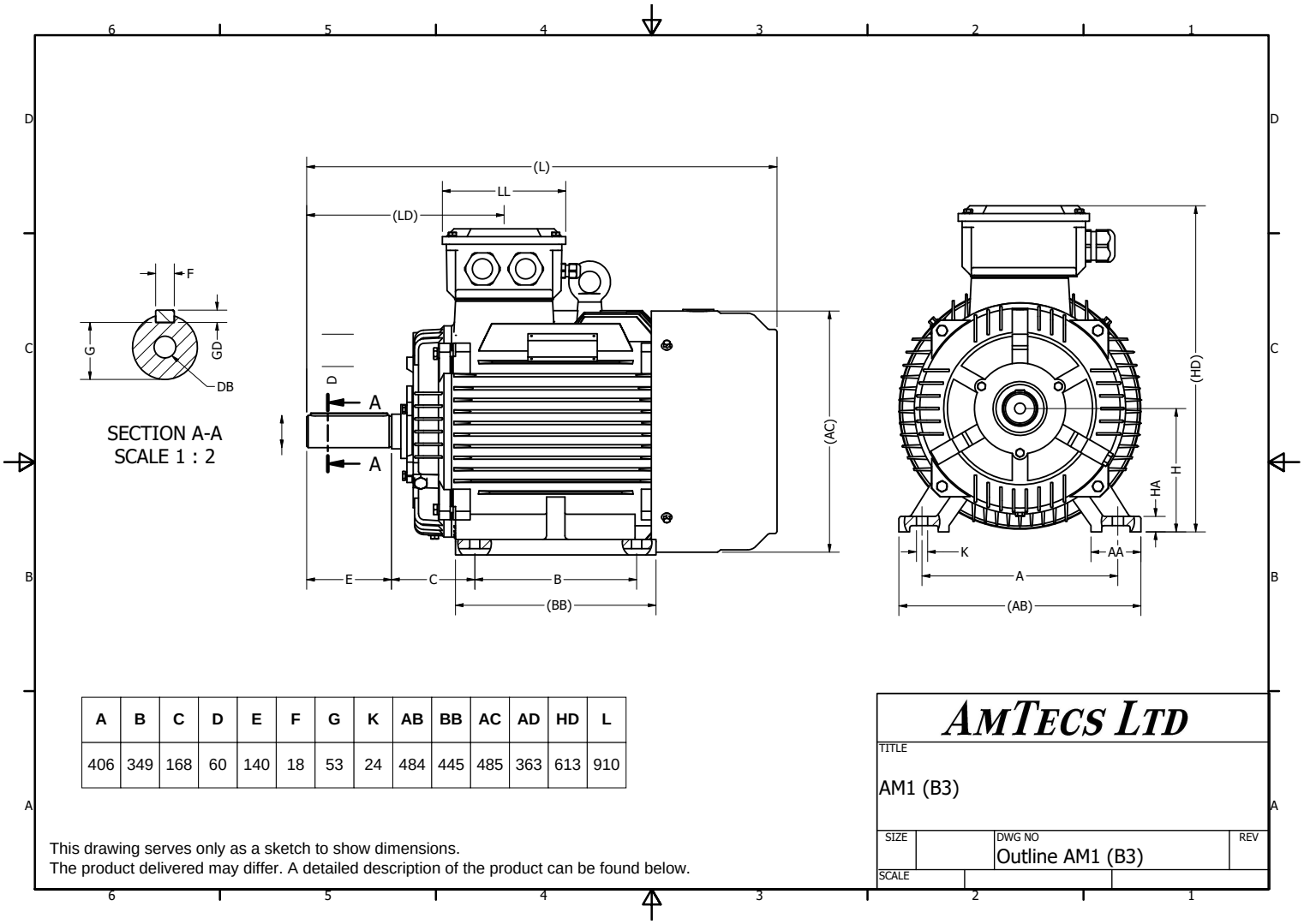
AM3-IE3 250M2 (B3)



A	B	C	D	E	F	G	K	AB	BB	AC	AD	HD	L
406	349	168	60	140	18	53	24	484	445	485	363	613	910

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 250M2**	Efficiency	**94.3** %
Rated power	**55** kW **S1** Duty	Power factor	**0.89**
Speed	**2965** rpm	Sound pressure level (1m)	**89** dB(A)
Voltage	**400V / 690V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**94.6 A / 54.8 A**	Full load torque	**177.2** 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	**3.2**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M63 x 1.5**	Starting / Full load current (DOL)	**7.8**
Construction	**Cast Iron**	Starting / Full load current (Y/D)	
Weight	**407** Kg	Rotor Inertia	
Type number		Bearing DE	**6313**
Warranty		Bearing NDE	**6313**

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