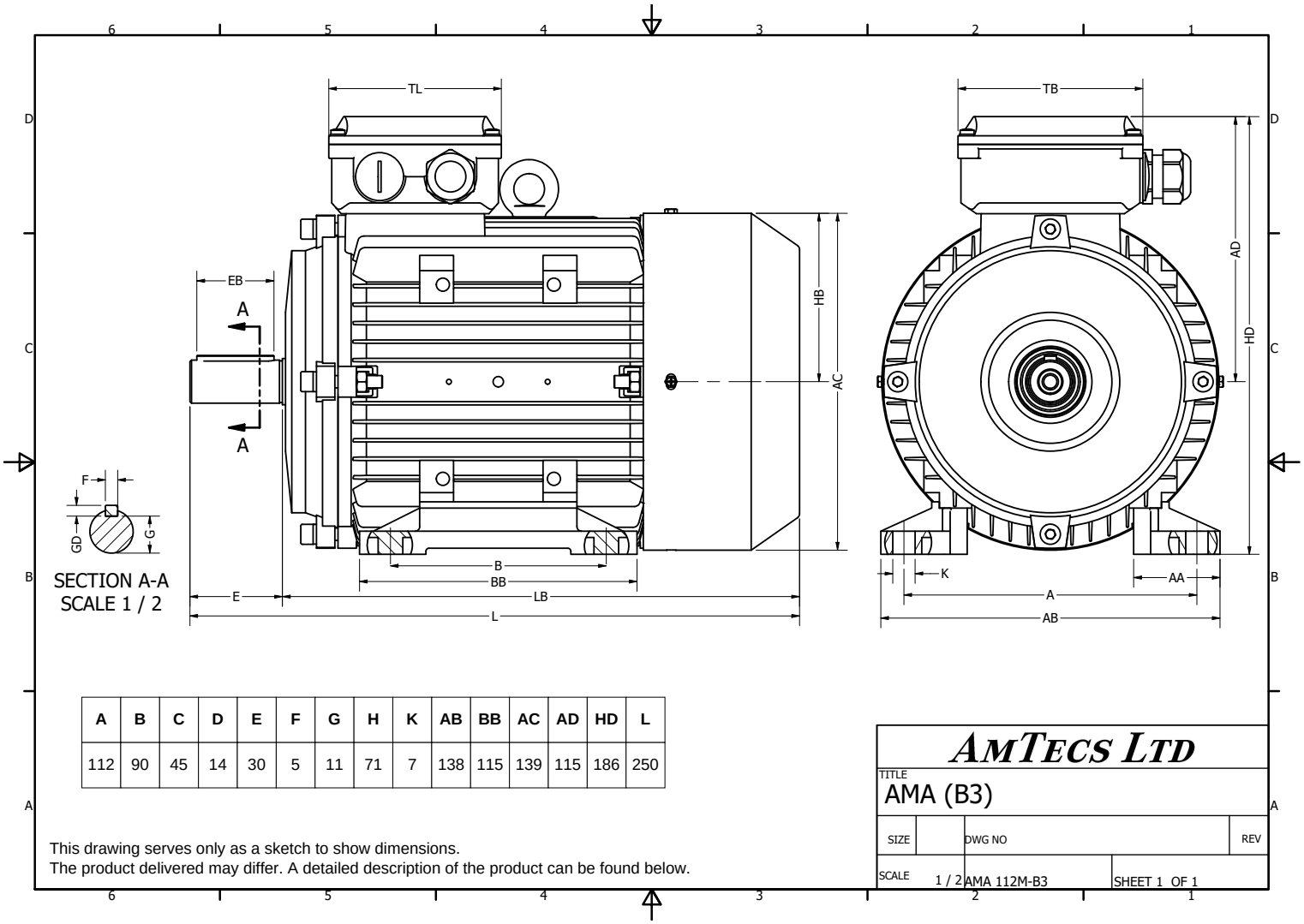
AMAH-IE3 71G2 (B3)

AMTECS



A	B	C	D	E	F	G	H	K	AB	BB	AC	AD	HD	L
112	90	45	14	30	5	11	71	7	138	115	139	115	186	250

AMTECS LTD

TITLE
AMA (B3)

SIZE | DWG NO | REV

SCALE 1 / 2 | AMA 112M-B3 | 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**
Manufacturer	**AmTecs**
Motor type	**AMAH-IE3 71G2**
Rated power	**0.75** kW **S1** Duty
Speed	**2900** rpm
Voltage	**220V / 400V**
Frequency	**50** Hz
Connection	**Delta / Star**
Full load current	**2.94 A / 1.7 A**
No-load current	
Enclosure	**IP55**
Insulation class	**F (temp. rise B)**
Max. ambient temp	**40** °C
Max. altitude	**1000** mtr above sea level
Comment	
Cable entry	**M20 x 1.5**
Construction	**Aluminium**
Weight	**8.7** Kg
Type number	
Warranty	

Efficiency class			**IE3**	
Load data	100%	75%	50%	25%
Efficiency	**80.7%**			
Power factor			**0.79**	
Sound pressure level (1m)			**54**	dB(A)
Resistance R20 (open)				
Resistance R20 (Delta)				
Full load torque			**2.5**	Nm
Starting / Full load torque			**2.8**	
Pull up / Full load torque				
Pull out / Full load torque			**2.6**	
Starting / Full load current (DOL)			**8**	
Starting / Full load current (Y/D)				
Rotor Inertia				
Bearing DE			**6202**	
Bearing NDE			**6202**	

Protection Device	**PTC 150**

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