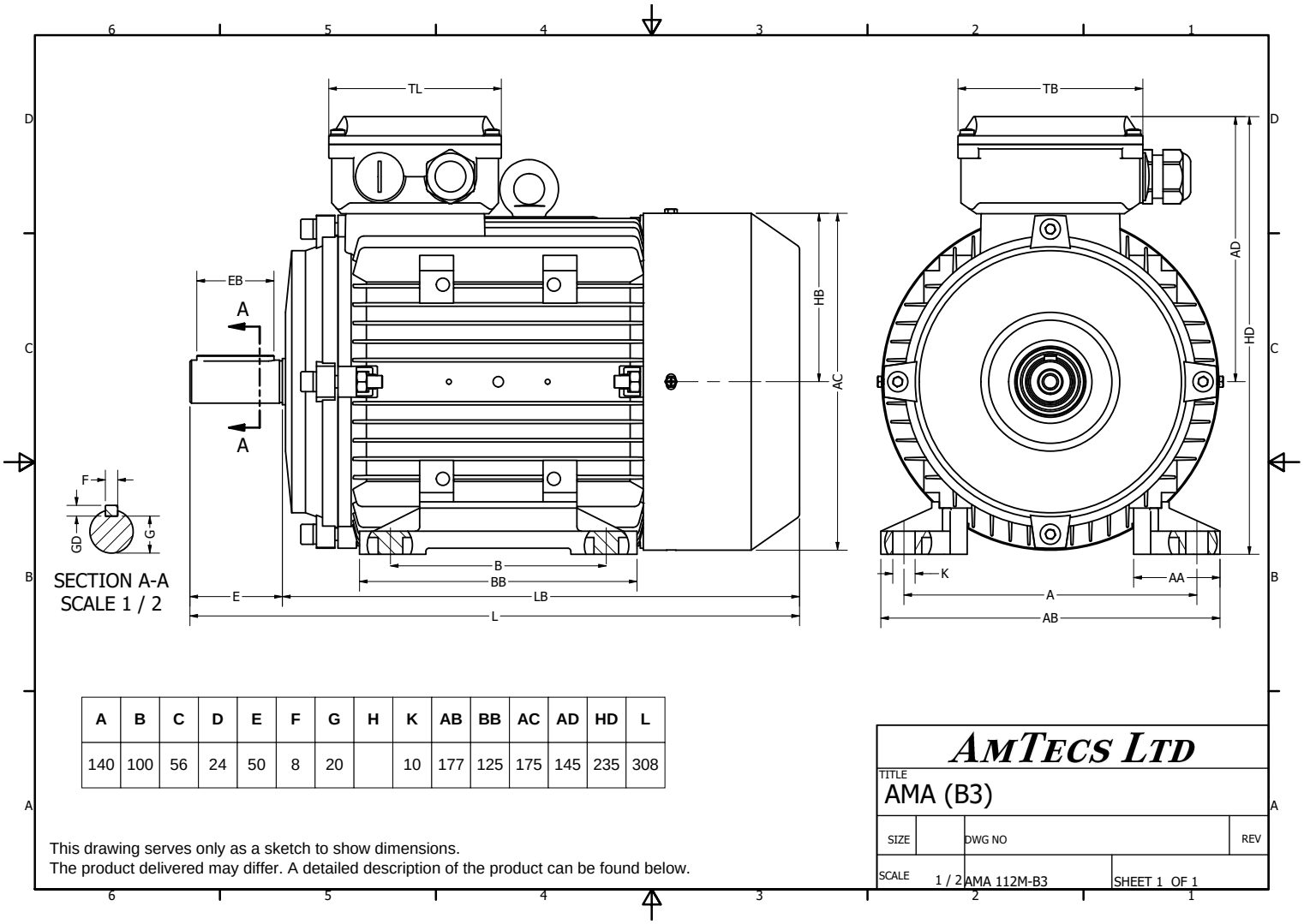
AMA-IE2 90S2 (B3)

AMTECS



A	B	C	D	E	F	G	H	K	AB	BB	AC	AD	HD	L
140	100	56	24	50	8	20		10	177	125	175	145	235	308

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
AMA (B3)

SIZE | DWG NO | REV

SCALE 1 / 2 | AMA 112M-B3 | SHEET 1 OF 1

Specification	**IEC 60034-1**			
Manufacturer	**AmTecs**			
Motor type	**AMA-IE2 90S2**			
Rated power	**1.5** kW	**S1** Duty		
Speed	**2890** rpm			
Voltage	**220V / 400V**			
Frequency	**50** Hz			
Connection	**Delta / Star**			
Full load current	**5.51 A / 3.17 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	**17.5** Kg			
Type number				
Warranty				

Efficiency class		**IE2**		
Load data	100%	75%	50%	25%
Efficiency	**81.3%**			
Power factor		**0.84**		
Sound pressure level (1m)		**62** dB(A)		
Resistance R20 (open)				
Resistance R20 (Delta)				
Full load torque		**5** Nm		
Starting / Full load torque		**2.4**		
Pull up / Full load torque				
Pull out / Full load torque		**2.8**		
Starting / Full load current (DOL)		**8**		
Starting / Full load current (Y/D)				
Rotor Inertia				
Bearing DE		**6205**		
Bearing NDE		**6205**		

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