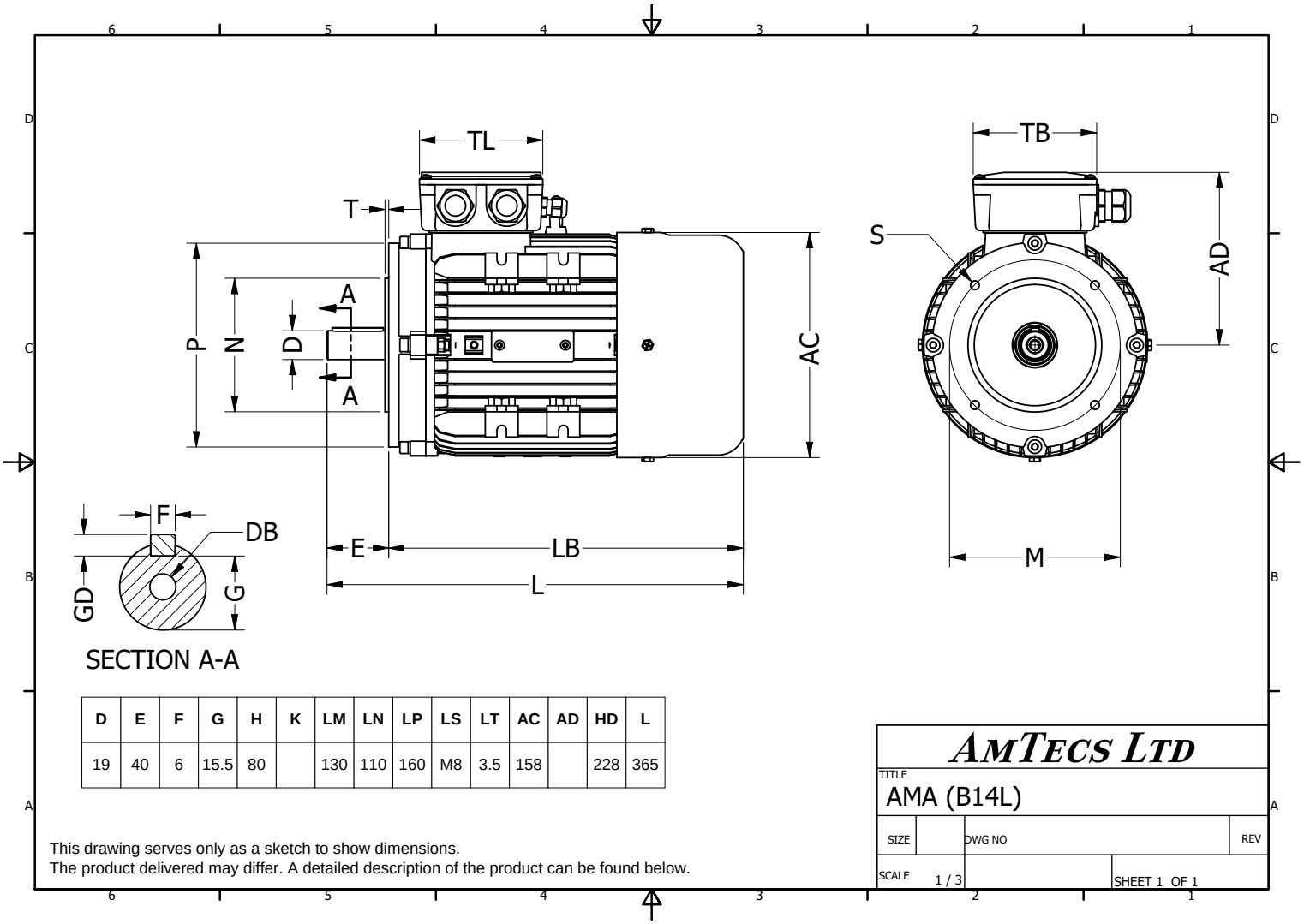
AMAB-IE3 80G2 (B14L)

AMTECS



D	E	F	G	H	K	LM	LN	LP	LS	LT	AC	AD	HD	L
19	40	6	15.5	80		130	110	160	M8	3.5	158		228	365

AMTECS LTD

TITLE AMA (B14L)

SIZE | DWG NO | REV

SCALE 1 / 3 | 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**	Efficiency class	**IE3**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AMAB-IE3 80G2**	Efficiency	**82.7** %
Rated power	**1.1** kW **S1** Duty	Power factor	**0.83**
Speed	**2910** rpm	Sound pressure level (1m)	**65** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**4.02 A / 2.31 A**	Full load torque	**3.61** Nm
No-load current		Starting / Full load torque	**2.2**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**2.3**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20x1.5**	Starting / Full load current (DOL)	**7.6**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**12.6** Kg	Rotor Inertia	
Type number		Bearing DE	**6204**
Warranty		Bearing NDE	**6204**
Brake Torque	**8** (Nm)		
Brake Response	**0.3** (ms)		
Brake Power	**28** (W)		
Brake Voltage	**99**		

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