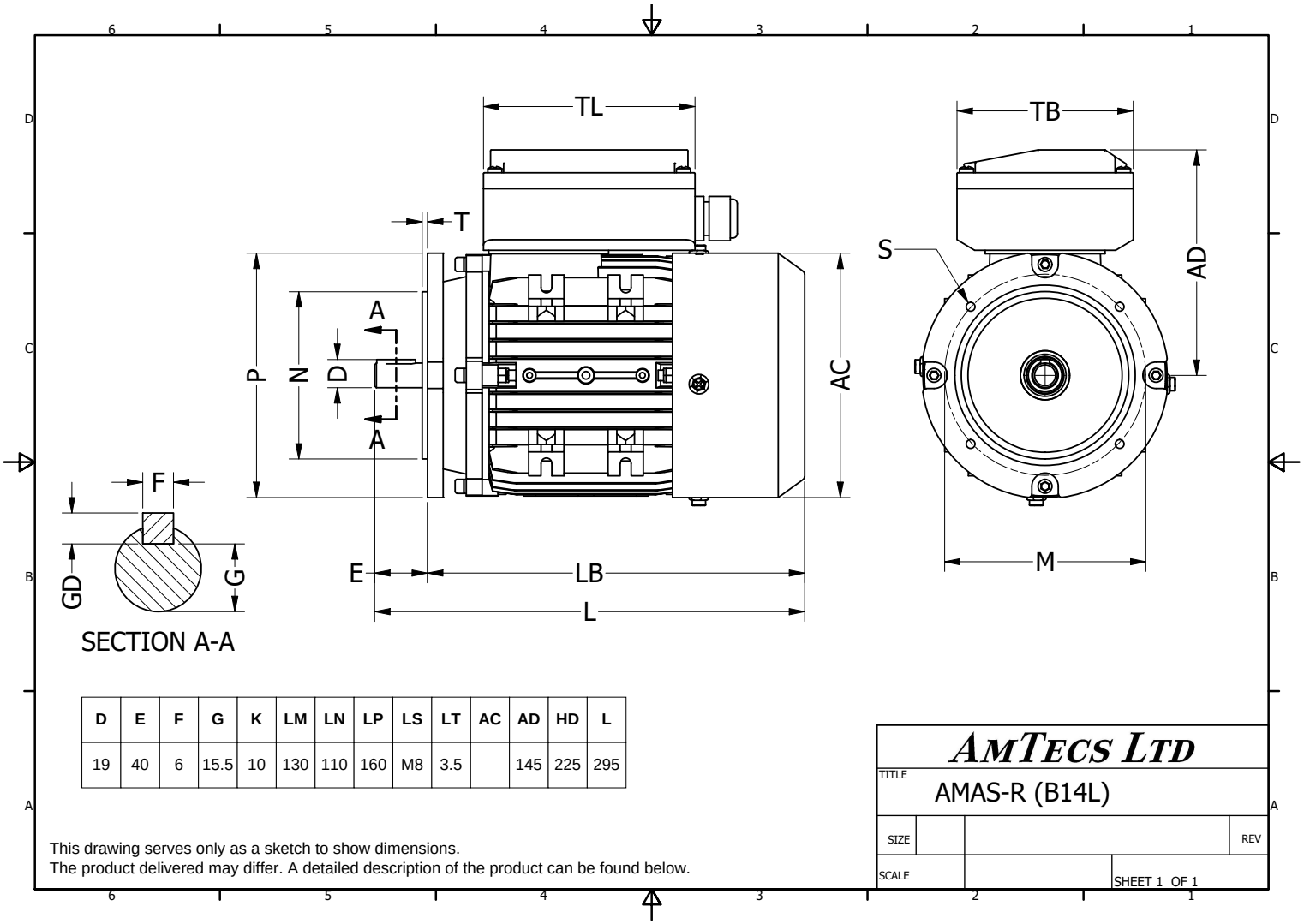
AMAS-R-IE2 80 K4 (B14L)

AMTECS



D	E	F	G	K	LM	LN	LP	LS	LT	AC	AD	HD	L
19	40	6	15.5	10	130	110	160	M8	3.5		145	225	295

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 AMAS-R (B14L)

SIZE | REV | SCALE | SHEET 1 OF 1

Specification	**IEC 60034-1**			
Manufacturer	**AmTecs**			
Motor type	**AMAS-R-IE2 80 K4**			
Rated power	**0.55** kW	**S1** Duty		
Speed	**1420** rpm			
Voltage	**220V**			
Frequency	**50** Hz			
Connection	**Single Phase**			
Full load current	**3.3 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	**11.6** Kg			
Type number				
Warranty				
Run Capacitor	**20uf/450V**			

Efficiency class		**IE2**		
Load data	100%	75%	50%	25%
Efficiency	**77.1%**			
Power factor		**0.94**		
Sound pressure level (1m)		**75**	dB(A)	
Resistance R20 (open)				
Resistance R20 (Delta)				
Full load torque		**3.7**	Nm	
Starting / Full load torque		**0.4**		
Pull up / Full load torque				
Pull out / Full load torque		**1.7**		
Starting / Full load current (DOL)				
Starting / Full load current (Y/D)				
Rotor Inertia				
Bearing DE		**6204**		
Bearing NDE		**6204**		

Protection Device	**Thermal Reset Switch**

AmTecs Ltd
Charnham Park, Hungerford
Berkshire, RG17 0YT
Tel: +44 (0) 1488 686970
Fax: +44 (0) 1488 686968
sales@amtecs.co.uk
www.amtecs.co.uk

We make all efforts to better our products. Versions, technical data and figures could be changed therefore. They are not binding before written confirmation.