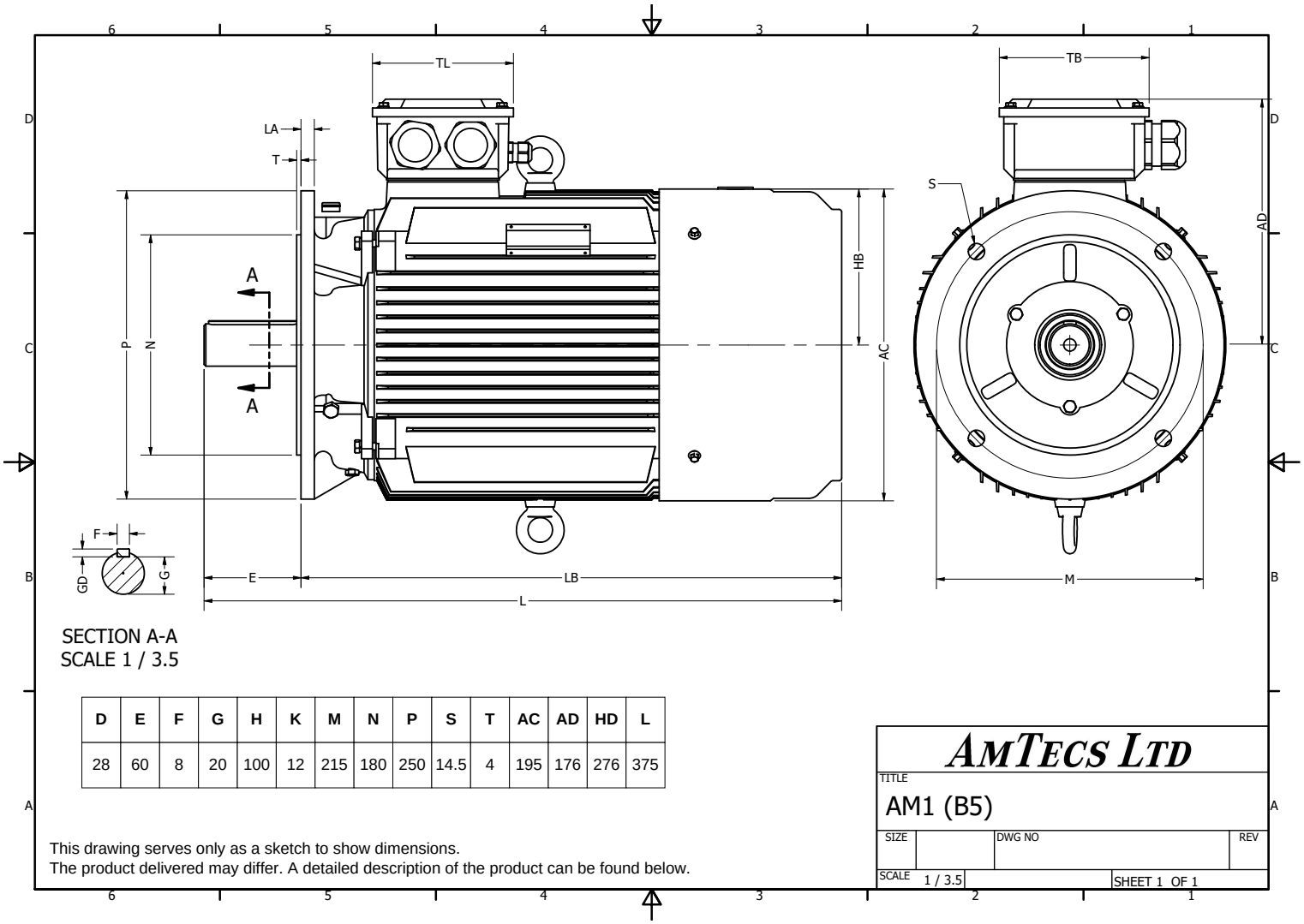
AM1-IE2 100L6 (B5)

AMTECS



SECTION A-A
SCALE 1 / 3.5

D	E	F	G	H	K	M	N	P	S	T	AC	AD	HD	L
28	60	8	20	100	12	215	180	250	14.5	4	195	176	276	375

AMTECS LTD

TITLE: AM1 (B5)

SIZE | DWG NO | REV

SCALE 1 / 3.5 | 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	**IE2**
Manufacturer	**AmTecs**	Load data	100%
Motor type	**AM1-IE2 100L6**	Efficiency	**79.8** %
Rated power	**1.5** kW **S1** Duty	Power factor	**0.75**
Speed	**945** rpm	Sound pressure level (1m)	**53** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**6.25 A / 3.6 A**	Full load torque	**15** Nm
No-load current		Starting / Full load torque	**1.8**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**2.2**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**4.2**
Construction	**Cast Iron**	Starting / Full load current (Y/D)	
Weight	**40** Kg	Rotor Inertia	
Type number		Bearing DE	**6206**
Warranty		Bearing NDE	**6206**

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.