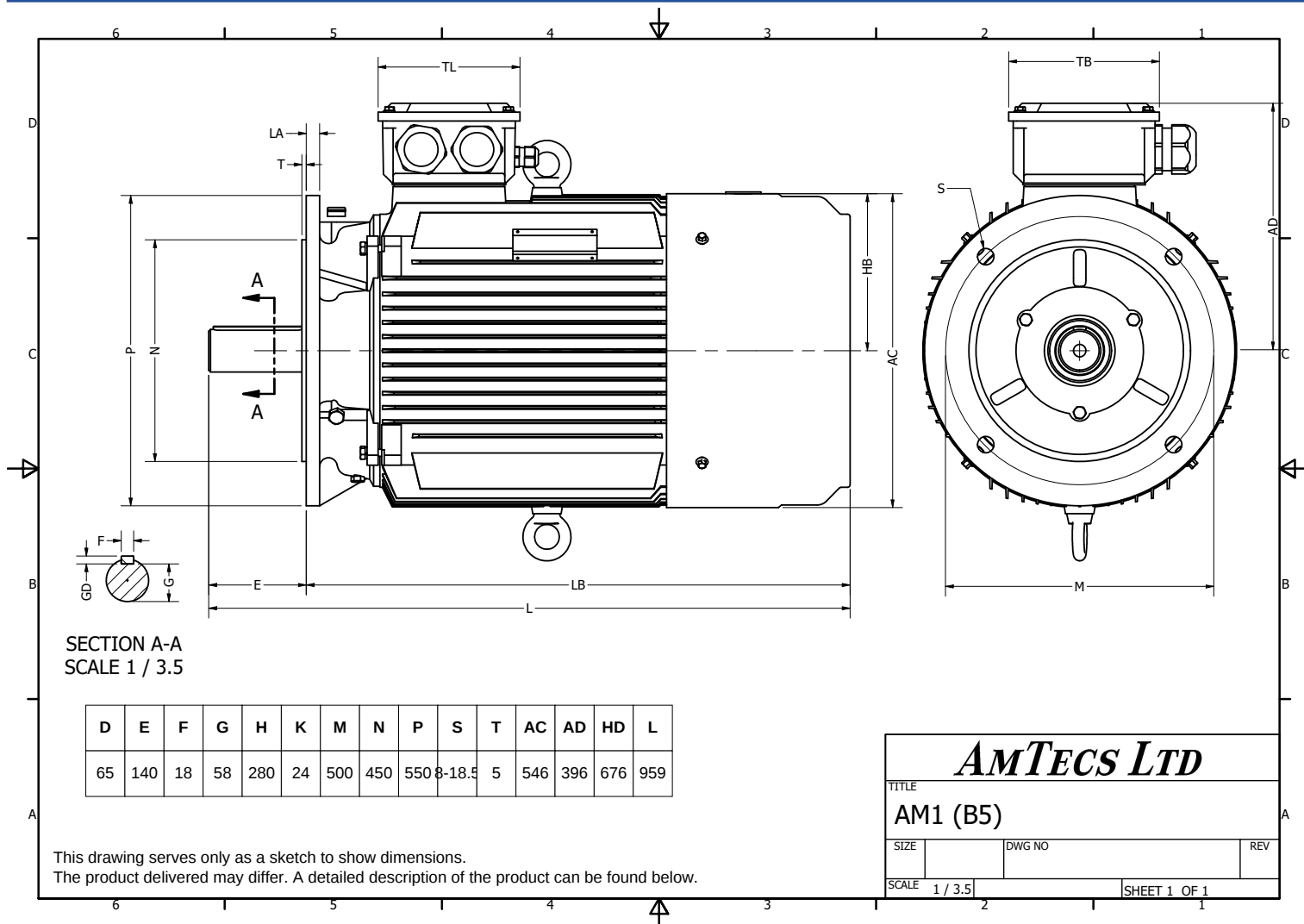




Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AM4-IE4 280S2**
 Rated power **90 kW S1 Duty**
 Speed **3570 rpm**
 Voltage **480 / 820V**
 Frequency **60 Hz**
 Connection **Delta / Star**
 Full load current **127.2 A / 73.8 A**
 No-load current
 Enclosure **IP55**
 Insulation class **F (temp. rise B)**
 Max. ambient temp **40 °C**
 Max. altitude **1000 mtr above sea level**
 Comment
 Cable entry **M63 x 1.5**
 Construction **Cast Iron**
 Weight **621 Kg**
 Type number
 Warranty

Efficiency class **IE4**
 Load data **100%**
 Efficiency **95.6 %**
 Power factor **0.89**
 Sound pressure level (1m) **dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)

Full load torque **240.8 Nm**
 Starting / Full load torque **2.5**
 Pull up / Full load torque
 Pull out / Full load torque **3.0**

Starting / Full load current (DOL) **9.0**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6314**
 Bearing NDE **6314**

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