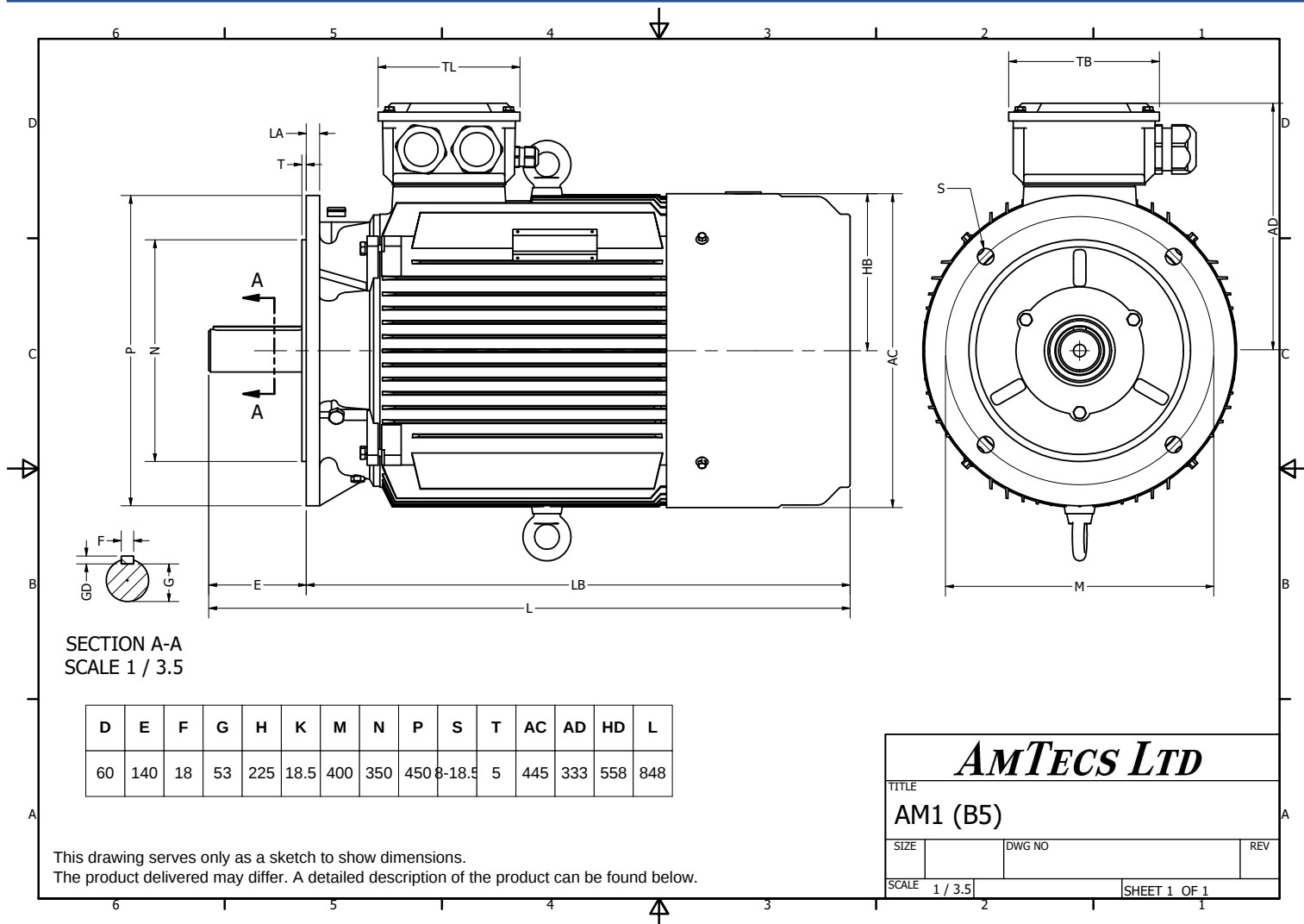




Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AM4-IE4 225M4**  
 Rated power **54 kW S1 Duty**  
 Speed **1776 rpm**  
 Voltage **480 / 820V**  
 Frequency **60 Hz**  
 Connection **Delta / Star**  
 Full load current **80.1 A / 46.4 A**  
 No-load current  
 Enclosure **IP55**  
 Insulation class **F (temp. rise B)**  
 Max. ambient temp **40 °C**  
 Max. altitude **1000 mtr above sea level**  
 Comment  
 Cable entry **M40 x 1.5**  
 Construction **Cast Iron**  
 Weight **359 Kg**  
 Type number  
 Warranty

Efficiency class **IE4**  
 Load data **100%**  
 Efficiency **95.4 %**  
 Power factor **0.85**  
 Sound pressure level (1m) **dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)

Full load torque **290.4 Nm**  
 Starting / Full load torque **3.1**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.4**

Starting / Full load current (DOL) **9.5**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6313**  
 Bearing NDE **6312**

**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