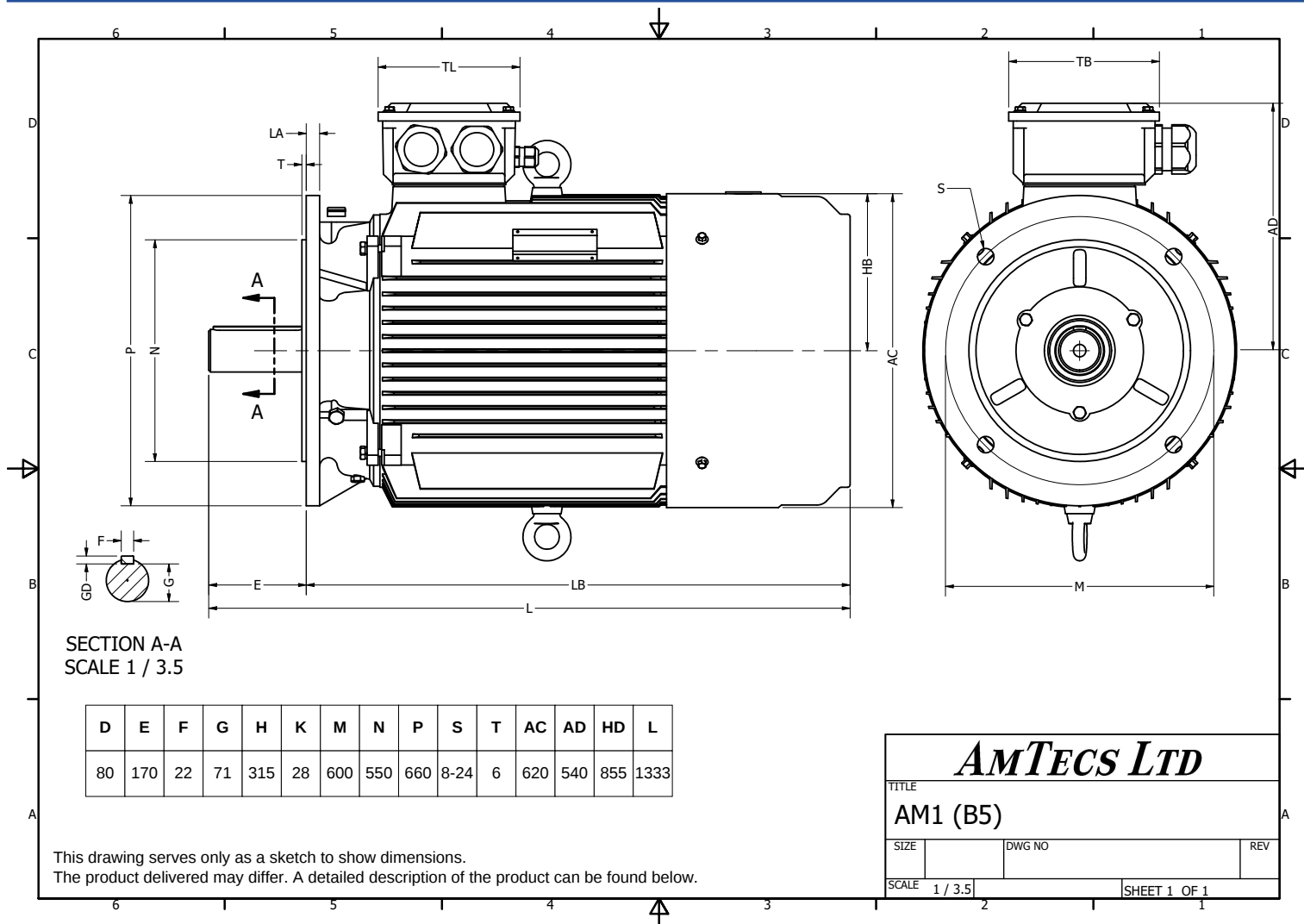




This drawing serves only as a sketch to show dimensions.  
The product delivered may differ. A detailed description of the product can be found below.

|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM4-IE4 315LX4           |
| Rated power       | 240 kW S1 Duty           |
| Speed             | 1782 rpm                 |
| Voltage           | 480 / 820V               |
| Frequency         | 60 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 331.7 A / 192.3 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       | M63 x 1.5                |
| Construction      | Cast Iron                |
| Weight            | 1234 Kg                  |
| Type number       |                          |
| Warranty          |                          |

|                           |        |
|---------------------------|--------|
| Efficiency class          | IE4    |
| Load data                 | 100%   |
| Efficiency                | 96.7 % |
| Power factor              | 0.9    |
| Sound pressure level (1m) | dB(A)  |
| Resistance R20 (open)     |        |
| Resistance R20 (Delta)    |        |

|                             |           |
|-----------------------------|-----------|
| Full load torque            | 1286.2 Nm |
| Starting / Full load torque | 2.0       |
| Pull up / Full load torque  |           |
| Pull out / Full load torque | 2.5       |

|                                    |       |
|------------------------------------|-------|
| Starting / Full load current (DOL) | 9.0   |
| Starting / Full load current (Y/D) |       |
| Rotor Inertia                      |       |
| Bearing DE                         | NU319 |
| Bearing NDE                        | 6319  |

|                                                                                                                               |                                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>AmTecs Ltd</b><br>Charnham Park, Hungerford<br>Berkshire, RG17 0YT<br>Tel: +44 (0) 1488 686970<br>Fax: +44 (0) 1488 686968 |                                        |
|                                                                                                                               | sales@amtecs.co.uk<br>www.amtecs.co.uk |