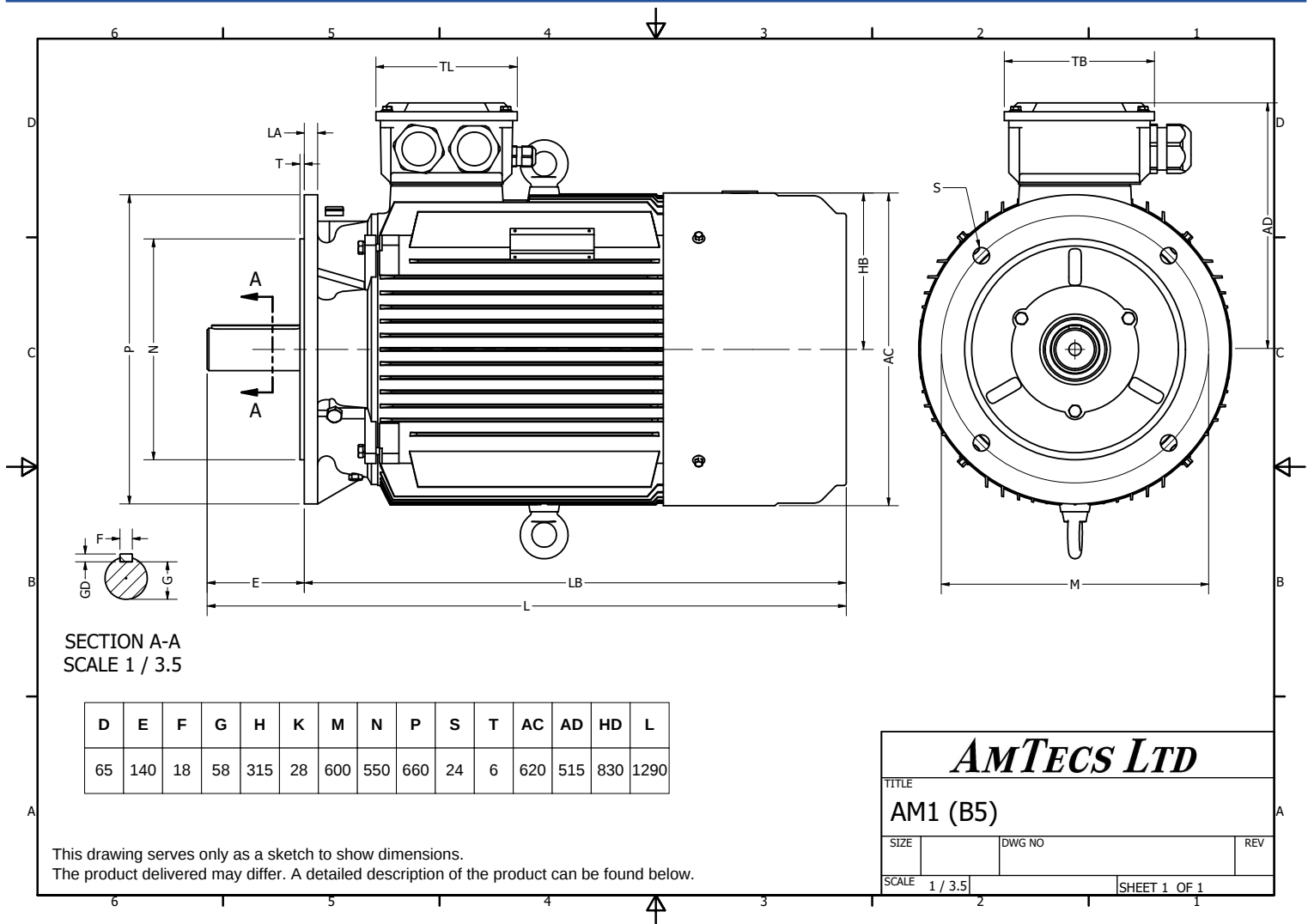


AM3-IE3 315L2 (B5)



|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM3-IE3 315L2            |
| Rated power       | 160 kW S1 Duty           |
| Speed             | 2975 rpm                 |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 265.5 A / 153.9 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            | 1009 Kg                  |
| Type number       |                          |
| Warranty          |                          |

|                             |          |
|-----------------------------|----------|
| Efficiency class            | IE3      |
| Load data                   | 100%     |
| Efficiency                  | 95.6 %   |
| Power factor                | 0.91     |
| Sound pressure level (1m)   | 92 dB(A) |
| Resistance R20 (open)       |          |
| Resistance R20 (Delta)      |          |
| Full load torque            | 513.6 Nm |
| Starting / Full load torque | 1.9      |
| Pull up / Full load torque  |          |
| Pull out / Full load torque | 2.7      |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 6.4  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6317 |
| Bearing NDE                        | 6317 |

|                                |                           |
|--------------------------------|---------------------------|
| MM Engineering Services Ltd    |                           |
| Unit 32                        |                           |
| Bradford Chamber Business Park |                           |
| Bradford, BD4 8BX              | sales@mmengservices.co.uk |
| Tel: +44 (0) 1274 288777       | www.mmengservices.co.uk   |