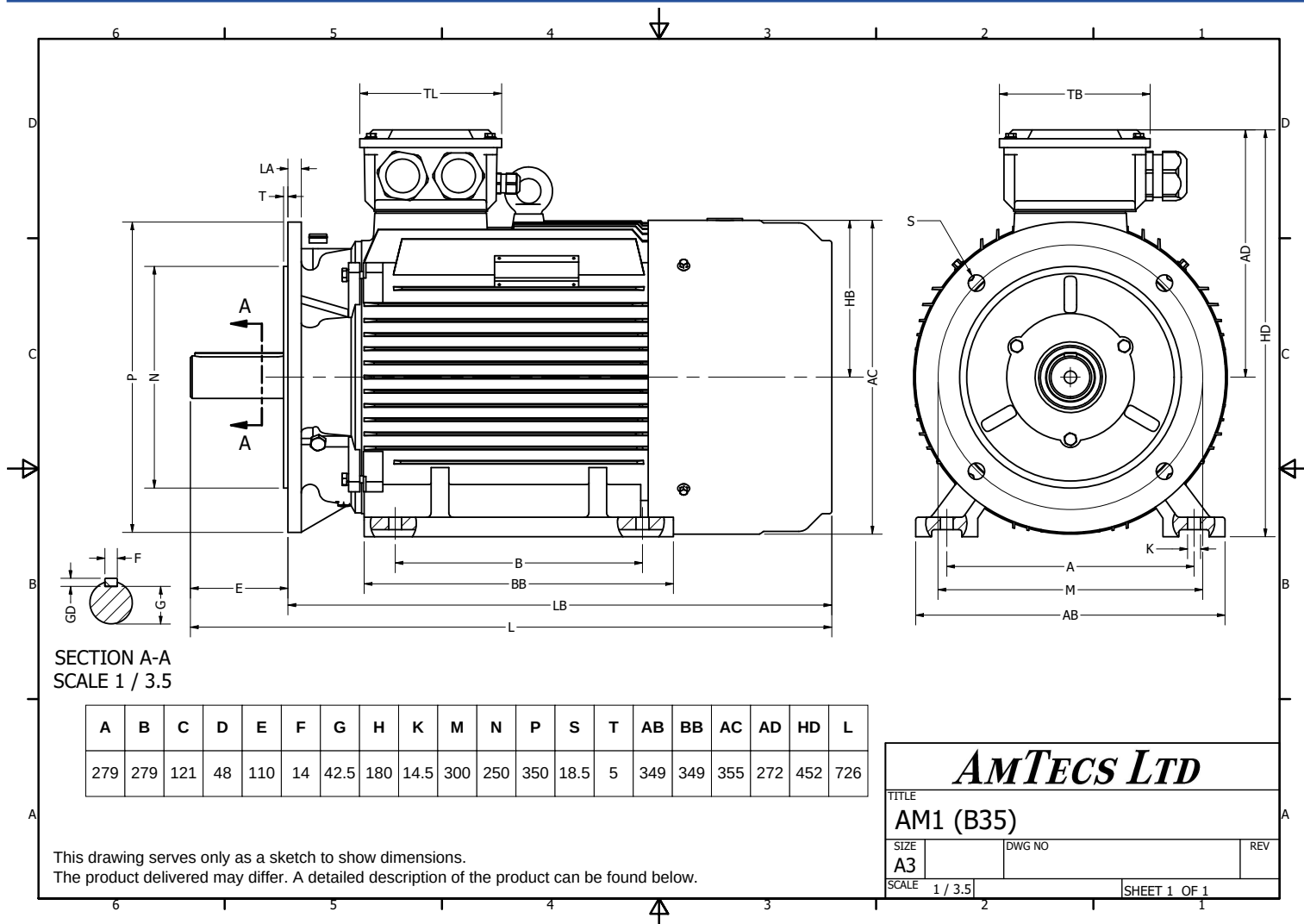




|                   |                              |
|-------------------|------------------------------|
| Specification     | IEC 60034-1                  |
| Manufacturer      | AmTecs                       |
| Motor type        | AM1-IE2 180L6                |
| Rated power       | 15 kW S1 Duty                |
| Speed             | 980 rpm                      |
| Voltage           | 400V / 690V                  |
| Frequency         | 50 Hz                        |
| Connection        | Delta / Star                 |
| Full load current | 29.7992901 A / 17.27495078 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       | M32 x 1.5                    |
| Construction      | Cast Iron                    |
| Weight            | 183 Kg                       |
| Type number       |                              |
| Warranty          |                              |

|                             |             |
|-----------------------------|-------------|
| Efficiency class            | IE2         |
| Load data                   | 100%        |
| Efficiency                  | 89.7 %      |
| Power factor                | 0.81        |
| Sound pressure level (1m)   | 73 dB(A)    |
| Resistance R20 (open)       |             |
| Resistance R20 (Delta)      |             |
| Full load torque            | 146.1734694 |
| Starting / Full load torque | 2           |
| 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                         | 6311 |
| Bearing NDE                        | 6211 |

|                                                                                                                               |                                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <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 |