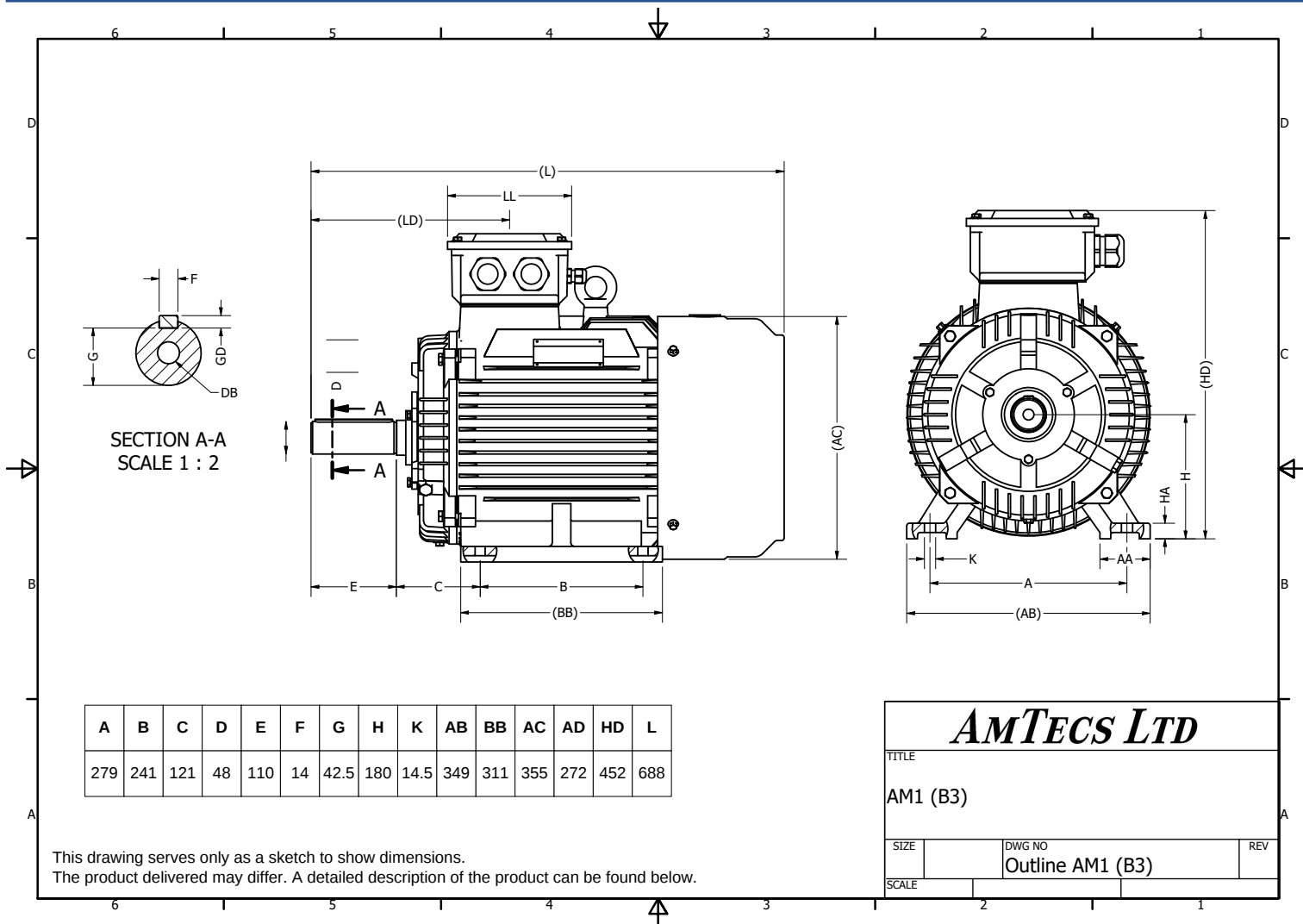




|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AM4-IE4 180M2</b>            |
| Rated power       | <b>22 kW S1 Duty</b>            |
| Speed             | <b>2960 rpm</b>                 |
| Voltage           | <b>400V / 690V</b>              |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Delta / Star</b>             |
| Full load current | <b>37.96 A / 22.00 A</b>        |
| No-load current   |                                 |
| Enclosure         | <b>IP55</b>                     |
| Insulation class  | <b>F (temp. rise B)</b>         |
| Max. ambient temp | <b>40 °C</b>                    |
| Max. altitude     | <b>1000 mtr above sea level</b> |
| Comment           |                                 |
| Cable entry       | <b>M32 x 1.5</b>                |
| Construction      | <b>Cast Iron</b>                |
| Weight            | <b>194 Kg</b>                   |
| Type number       |                                 |
| Warranty          |                                 |

|                           |                  |
|---------------------------|------------------|
| Efficiency class          | <b>IE4</b>       |
| Load data                 | 100% 75% 50% 25% |
| Efficiency                | <b>94%</b>       |
| Power factor              | <b>0.89</b>      |
| Sound pressure level (1m) | <b>dB(A)</b>     |
| Resistance R20 (open)     |                  |
| Resistance R20 (Delta)    |                  |

|                             |                 |
|-----------------------------|-----------------|
| Full load torque            | <b>70.98 Nm</b> |
| Starting / Full load torque | <b>2.7</b>      |
| Pull up / Full load torque  |                 |
| Pull out / Full load torque | <b>3.2</b>      |

|                                    |             |
|------------------------------------|-------------|
| Starting / Full load current (DOL) | <b>9.5</b>  |
| Starting / Full load current (Y/D) |             |
| Rotor Inertia                      |             |
| Bearing DE                         | <b>6211</b> |
| Bearing NDE                        | <b>6211</b> |

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