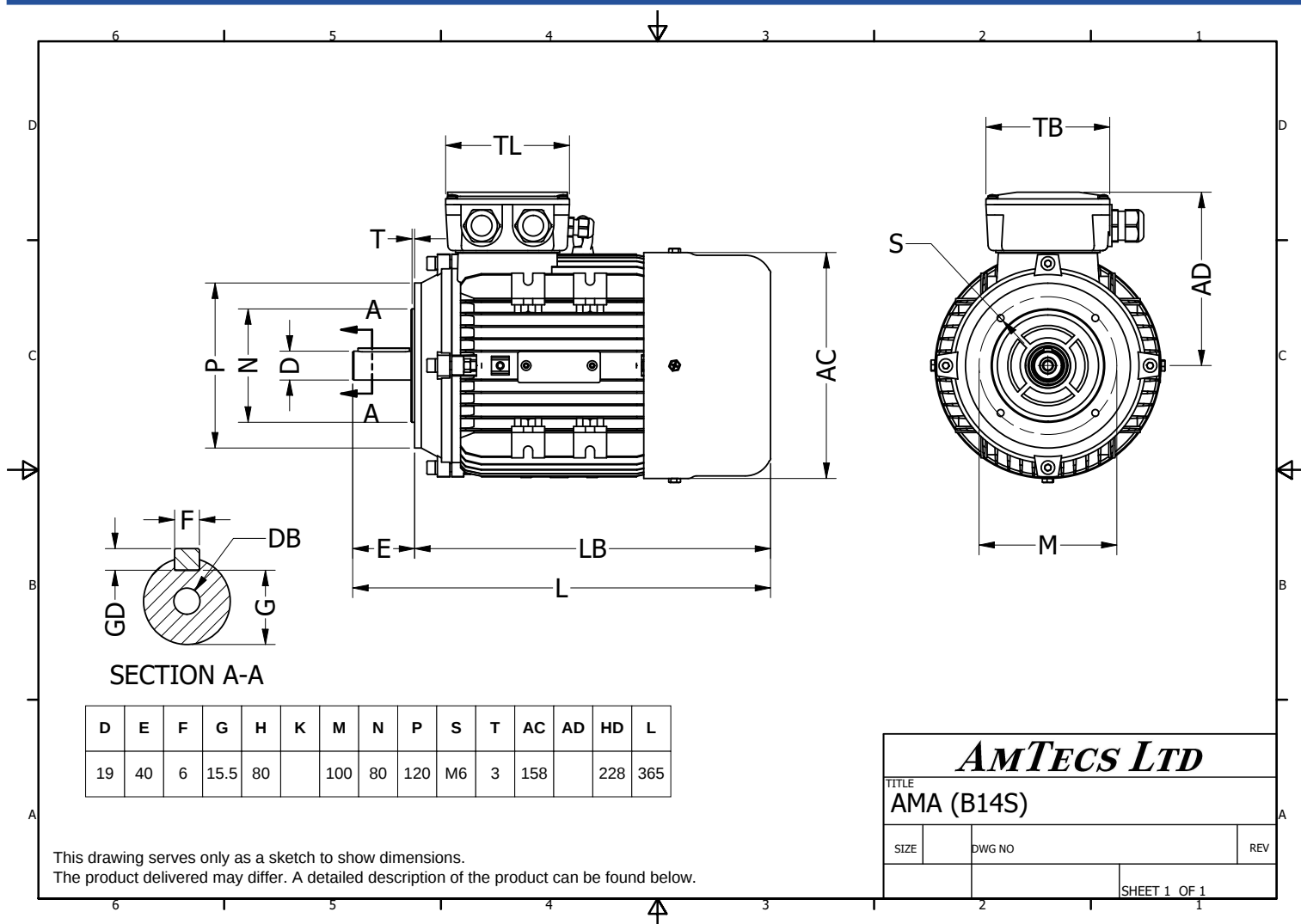




This drawing serves only as a sketch to show dimensions.  
The product delivered may differ. A detailed description of the product can be found below.

|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMAB-IE3 80G2</b>            |
| Rated power       | <b>1.1 kW S1 Duty</b>           |
| Speed             | <b>2910 rpm</b>                 |
| Voltage           | <b>220V / 400V</b>              |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Delta / Star</b>             |
| Full load current | <b>4.02 A / 2.31 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>M20x1.5</b>                  |
| Construction      | <b>Aluminium</b>                |
| Weight            | <b>12.6 Kg</b>                  |
| Type number       |                                 |
| Warranty          |                                 |
| Brake Torque      | <b>8 (Nm)</b>                   |
| Brake Response    | <b>0.3 (ms)</b>                 |
| Brake Power       | <b>28 (W)</b>                   |
| Brake Voltage     | <b>99</b>                       |

|                           |                 |
|---------------------------|-----------------|
| Efficiency class          | <b>IE3</b>      |
| Load data                 | <b>100%</b>     |
| Efficiency                | <b>82.7 %</b>   |
| Power factor              | <b>0.83</b>     |
| Sound pressure level (1m) | <b>65 dB(A)</b> |
| Resistance R20 (open)     |                 |
| Resistance R20 (Delta)    |                 |

|                             |                |
|-----------------------------|----------------|
| Full load torque            | <b>3.61 Nm</b> |
| Starting / Full load torque | <b>2.2</b>     |
| Pull up / Full load torque  |                |
| Pull out / Full load torque | <b>2.3</b>     |

|                                    |             |
|------------------------------------|-------------|
| Starting / Full load current (DOL) | <b>7.6</b>  |
| Starting / Full load current (Y/D) |             |
| Rotor Inertia                      |             |
| Bearing DE                         | <b>6204</b> |
| Bearing NDE                        | <b>6204</b> |

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