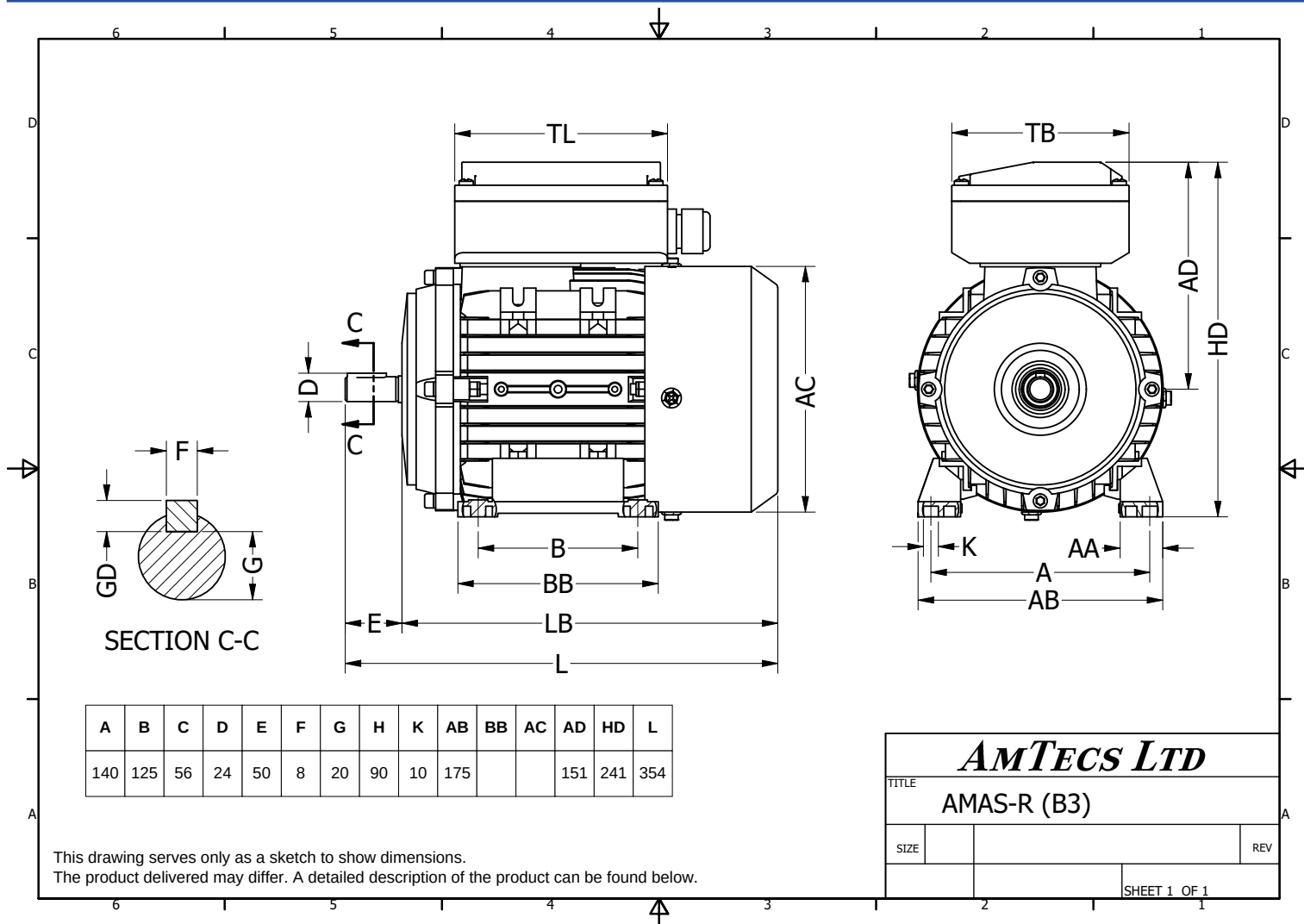




This drawing serves only as a sketch to show dimensions.  
The product delivered may differ. A detailed description of the product can be found below.

|                   |             |     |
|-------------------|-------------|-----|
| <b>AMTECS LTD</b> |             |     |
| TITLE             | AMAS-R (B3) |     |
| SIZE              |             | REV |
| SHEET 1 OF 1      |             |     |

|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMAS-R-IE2 90 L4</b>         |
| Rated power       | <b>1.5 kW S1 Duty</b>           |
| Speed             | <b>1400 rpm</b>                 |
| Voltage           | <b>220V</b>                     |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Single Phase</b>             |
| Full load current | <b>8.3 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>M20 x 1.5</b>                |
| Construction      | <b>Aluminium</b>                |
| Weight            | <b>19 Kg</b>                    |
| Type number       |                                 |
| Warranty          |                                 |
| Run Capacitor     | <b>40uf/450V</b>                |

|                           |                  |
|---------------------------|------------------|
| Efficiency class          | <b>IE2</b>       |
| Load data                 | 100% 75% 50% 25% |
| Efficiency                | <b>82.8%</b>     |
| Power factor              | <b>0.95</b>      |
| Sound pressure level (1m) | <b>78 dB(A)</b>  |
| Resistance R20 (open)     |                  |
| Resistance R20 (Delta)    |                  |

|                             |                 |
|-----------------------------|-----------------|
| Full load torque            | <b>10.23 Nm</b> |
| Starting / Full load torque | <b>0.45</b>     |
| Pull up / Full load torque  |                 |
| Pull out / Full load torque | <b>1.8</b>      |

|                                    |             |
|------------------------------------|-------------|
| Starting / Full load current (DOL) |             |
| Starting / Full load current (Y/D) |             |
| Rotor Inertia                      |             |
| Bearing DE                         | <b>6205</b> |
| Bearing NDE                        | <b>6204</b> |

Protection Device **Thermal Reset Switch**

|                                                                                                                               |                    |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>AmTecs Ltd</b><br>Charnham Park, Hungerford<br>Berkshire, RG17 0YT<br>Tel: +44 (0) 1488 686970<br>Fax: +44 (0) 1488 686968 |                    |
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