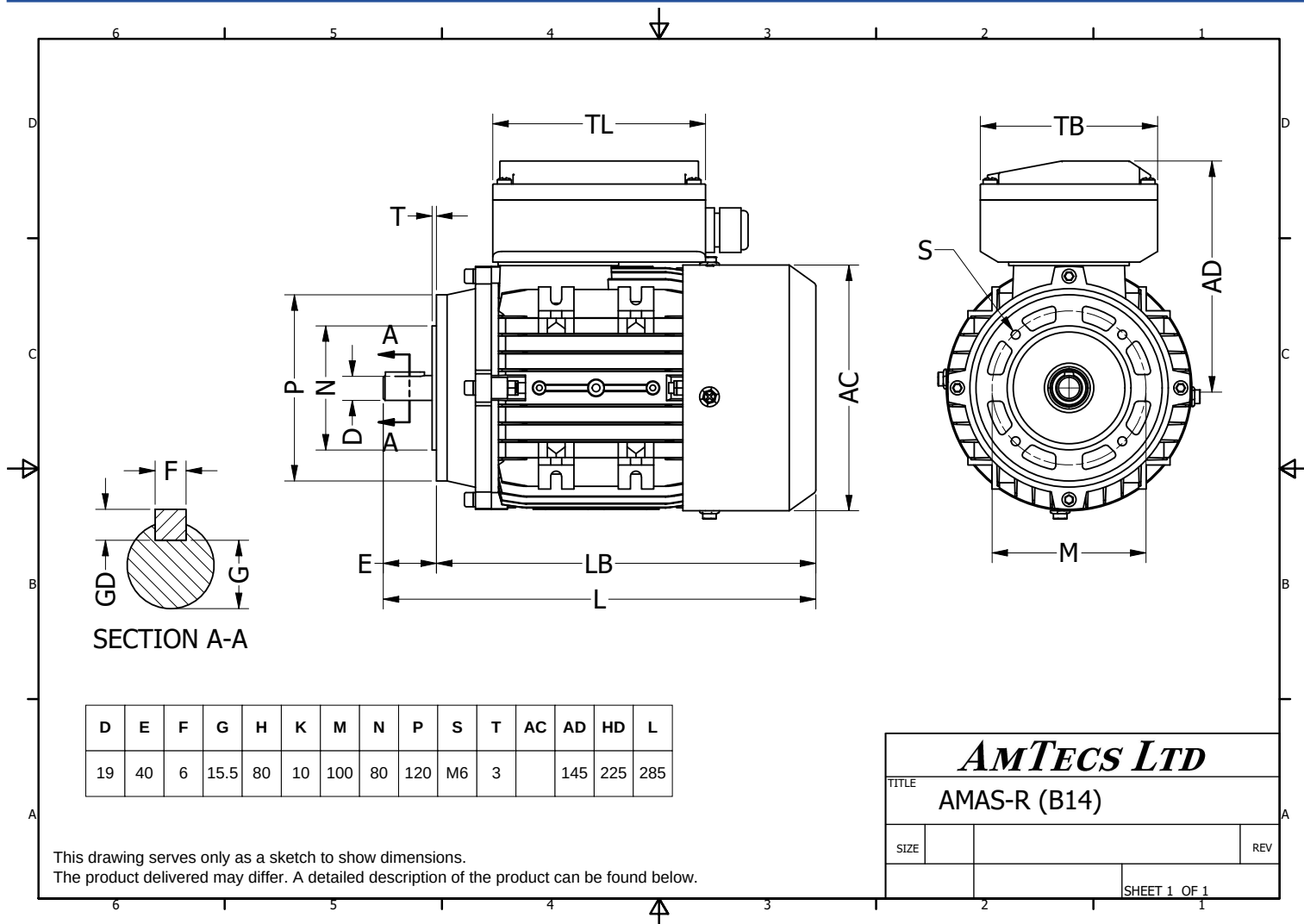


# AMAS-R-IE2 80 G2 (B14S)



|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMAS-R-IE2 80 G2</b>         |
| Rated power       | <b>1.1 kW S1 Duty</b>           |
| Speed             | <b>2850 rpm</b>                 |
| Voltage           | <b>220V</b>                     |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Single Phase</b>             |
| Full load current | <b>6.13 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>11.2 Kg</b>                  |
| Type number       |                                 |
| Warranty          |                                 |
| Run Capacitor     | <b>30uf/450V</b>                |

|                             |                 |
|-----------------------------|-----------------|
| Efficiency class            | <b>IE2</b>      |
| Load data                   | <b>100%</b>     |
| Efficiency                  | <b>79.6 %</b>   |
| Power factor                | <b>0.98</b>     |
| Sound pressure level (1m)   | <b>75 dB(A)</b> |
| Resistance R20 (open)       |                 |
| Resistance R20 (Delta)      |                 |
| Full load torque            | <b>3.69 Nm</b>  |
| Starting / Full load torque | <b>0.4</b>      |
| Pull up / Full load torque  |                 |
| Pull out / Full load torque | <b>1.9</b>      |

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

Protection Device **Thermal Reset Switch**

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