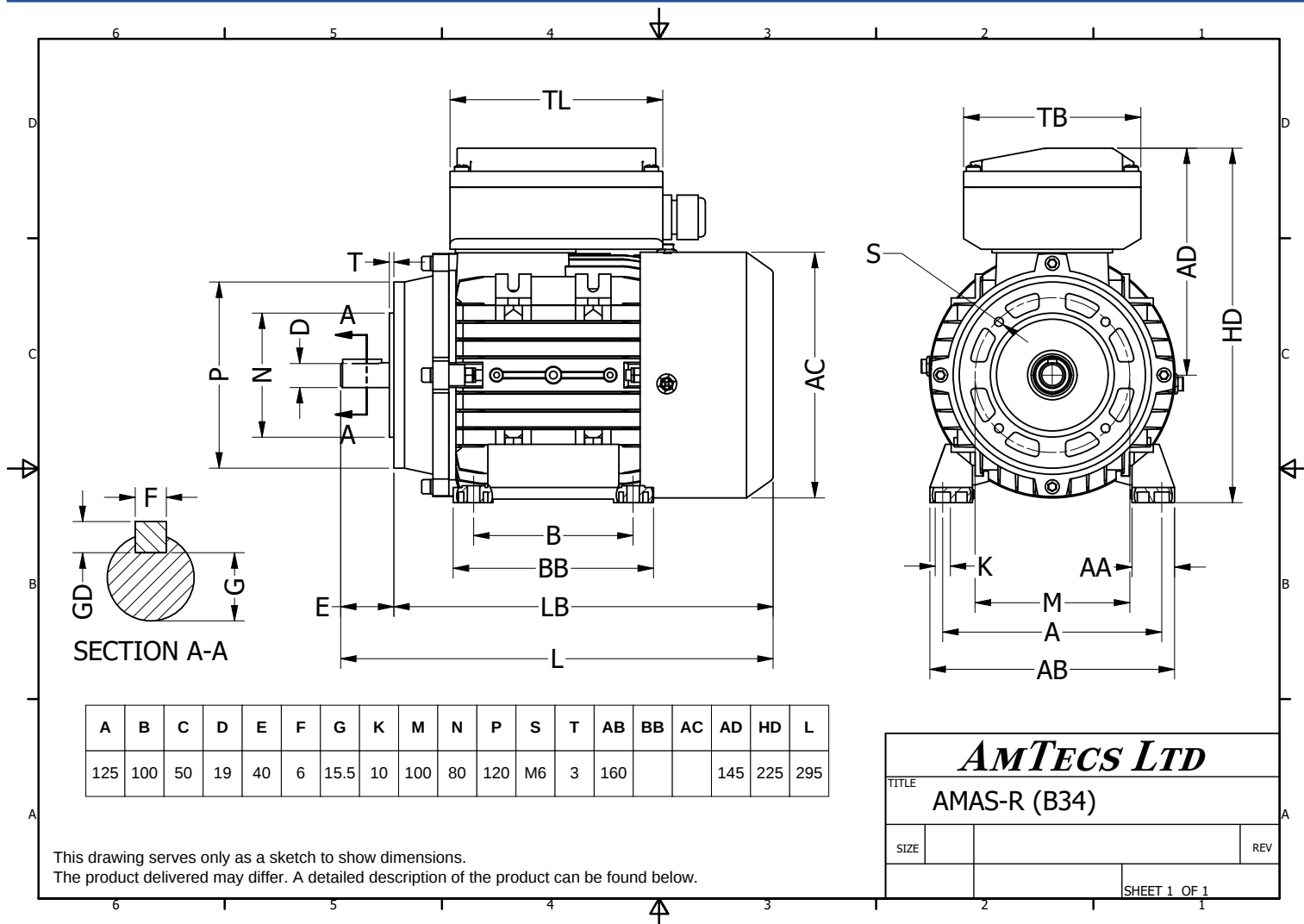




|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMAS-R-IE2 80 K4         |
| Rated power       | 0.55 kW S1 Duty          |
| Speed             | 1420 rpm                 |
| Voltage           | 220V                     |
| Frequency         | 50 Hz                    |
| Connection        | Single Phase             |
| Full load current | 3.3 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       | M20 x 1.5                |
| Construction      | Aluminium                |
| Weight            | 11.6 Kg                  |
| Type number       |                          |
| Warranty          |                          |
| Run Capacitor     | 20uf/450V                |

|                           |                  |
|---------------------------|------------------|
| Efficiency class          | IE2              |
| Load data                 | 100% 75% 50% 25% |
| Efficiency                | 77.1%            |
| Power factor              | 0.94             |
| Sound pressure level (1m) | 75 dB(A)         |
| Resistance R20 (open)     |                  |
| Resistance R20 (Delta)    |                  |

|                             |        |
|-----------------------------|--------|
| Full load torque            | 3.7 Nm |
| Starting / Full load torque | 0.4    |
| Pull up / Full load torque  |        |
| Pull out / Full load torque | 1.7    |

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

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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