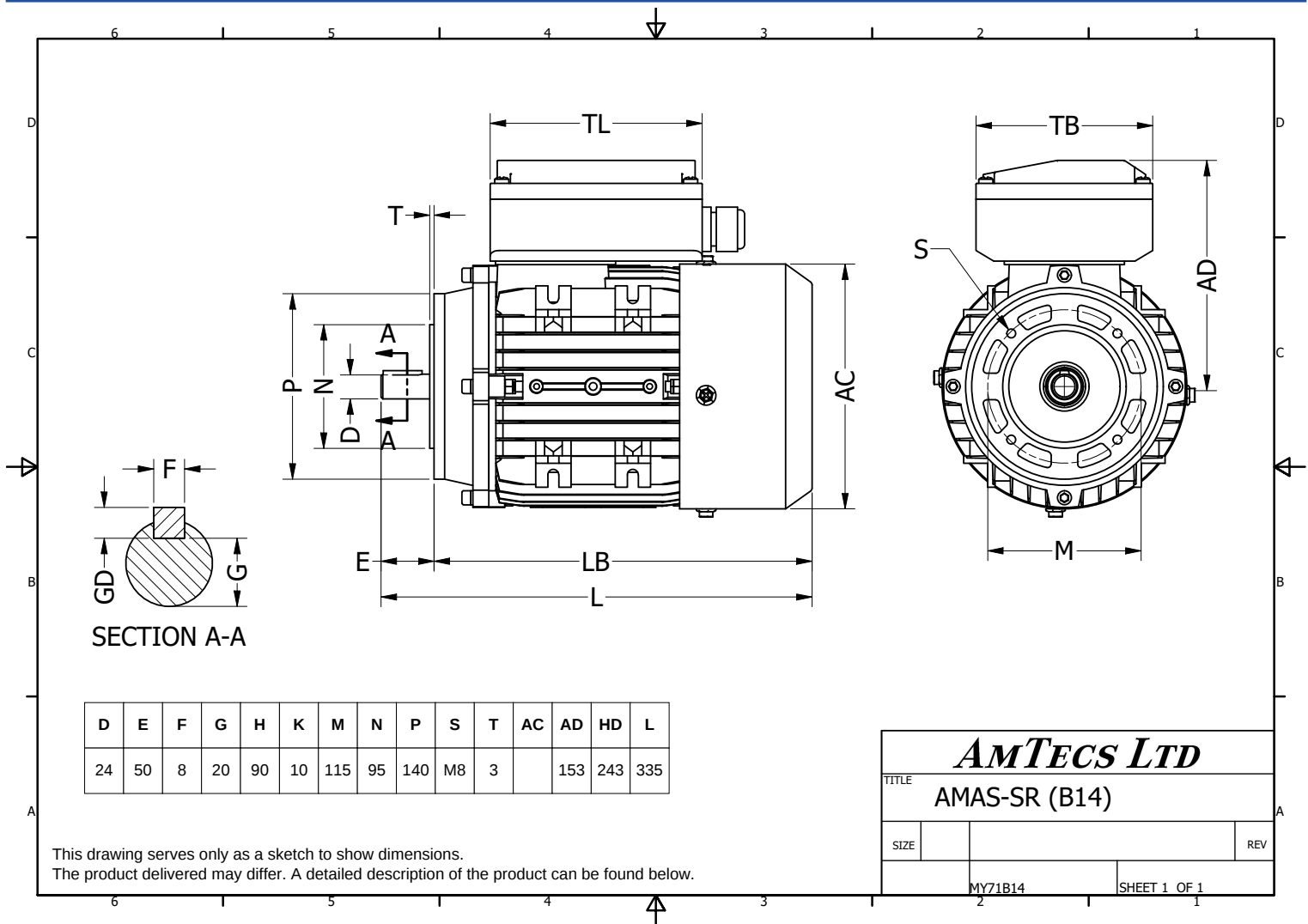


AMAS-SR-IE2 90 S2 (B14S)



|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMAS-SR-IE2 90 S2        |
| Rated power       | 1.5 kW S1 Duty           |
| Speed             | 2880 rpm                 |
| Voltage           | 220V                     |
| Frequency         | 50 Hz                    |
| Connection        | Single Phase             |
| Full load current | 8.2 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            | 15.5 Kg                  |
| Type number       |                          |
| Warranty          |                          |
| Run Capacitor     | 40uf/450V                |
| Start Capacitor   | 200uf/250V               |

Protection Device      **Thermal Reset Switch**

|                             |          |
|-----------------------------|----------|
| Efficiency class            | IE2      |
| Load data                   | 100%     |
| Efficiency                  | 81.3 %   |
| Power factor                | 0.98     |
| Sound pressure level (1m)   | 78 dB(A) |
| Resistance R20 (open)       |          |
| Resistance R20 (Delta)      |          |
| Full load torque            | 4.97 Nm  |
| Starting / Full load torque | 2.3      |
| Pull up / Full load torque  |          |
| Pull out / Full load torque | 2.1      |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) |      |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6205 |
| Bearing NDE                        | 6203 |

|                                                                                                                           |                                                      |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
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