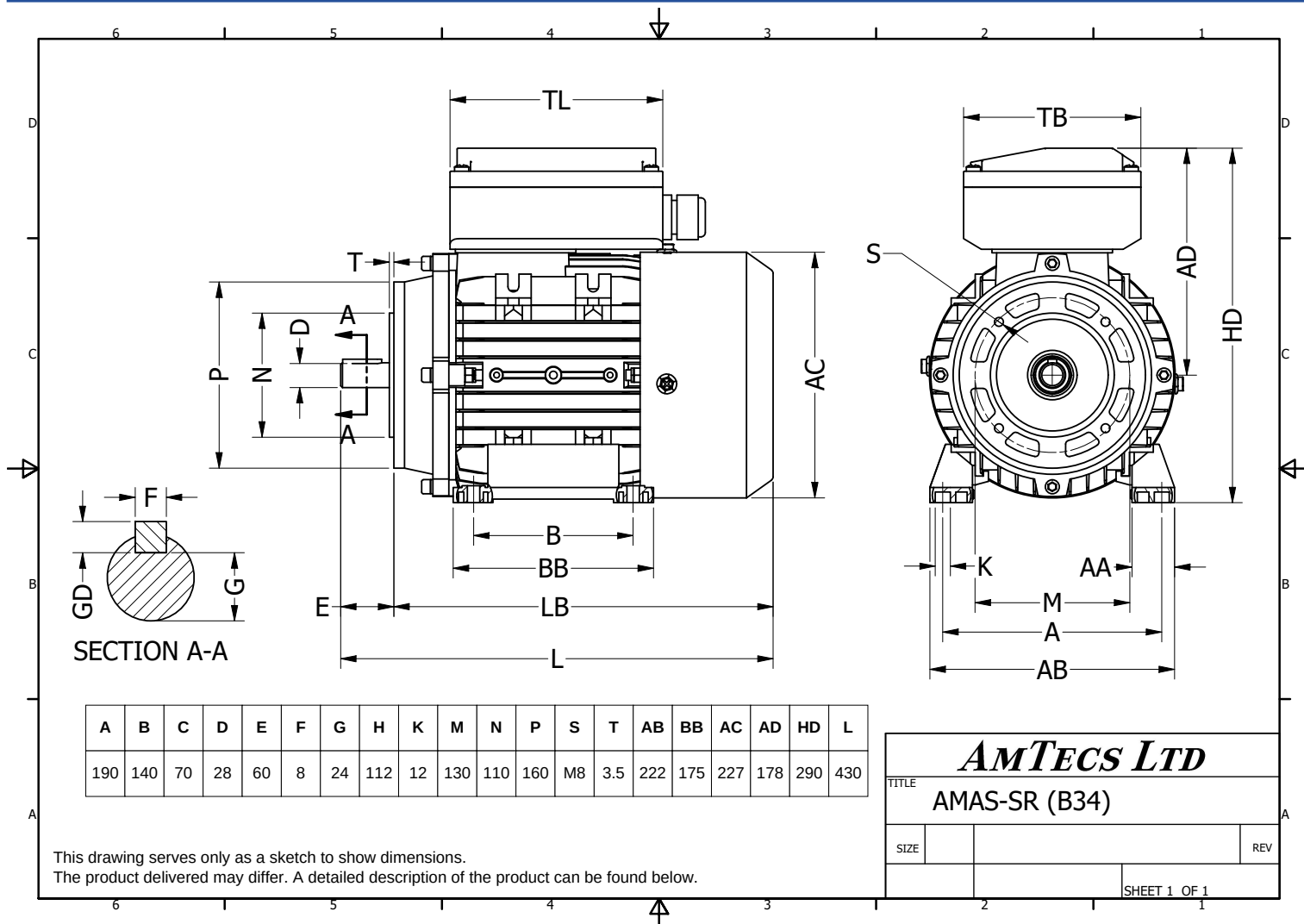




|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMAS-SR 112M2            |
| Rated power       | 3.7 kW S1 Duty           |
| Speed             | 2800 rpm                 |
| Voltage           | 220V                     |
| Frequency         | 50 Hz                    |
| Connection        | Single Phase             |
| Full load current | 22.50 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       | M25 x 1.5                |
| Construction      | Aluminium                |
| Weight            | 35 Kg                    |
| Type number       |                          |
| Warranty          |                          |
| Run Capacitor     | 50uf/450V                |
| Start Capacitor   | 600uf/300V               |

|                             |          |
|-----------------------------|----------|
| Efficiency class            | IE1      |
| Load data                   | 100%     |
| Efficiency                  | 80 %     |
| Power factor                | 0.96     |
| Sound pressure level (1m)   | 91 dB(A) |
| Resistance R20 (open)       |          |
| Resistance R20 (Delta)      |          |
| Full load torque            | 13.53 Nm |
| Starting / Full load torque | 2.5      |
| Pull up / Full load torque  |          |
| Pull out / Full load torque | 1.8      |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) |      |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6306 |
| Bearing NDE                        | 6206 |

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