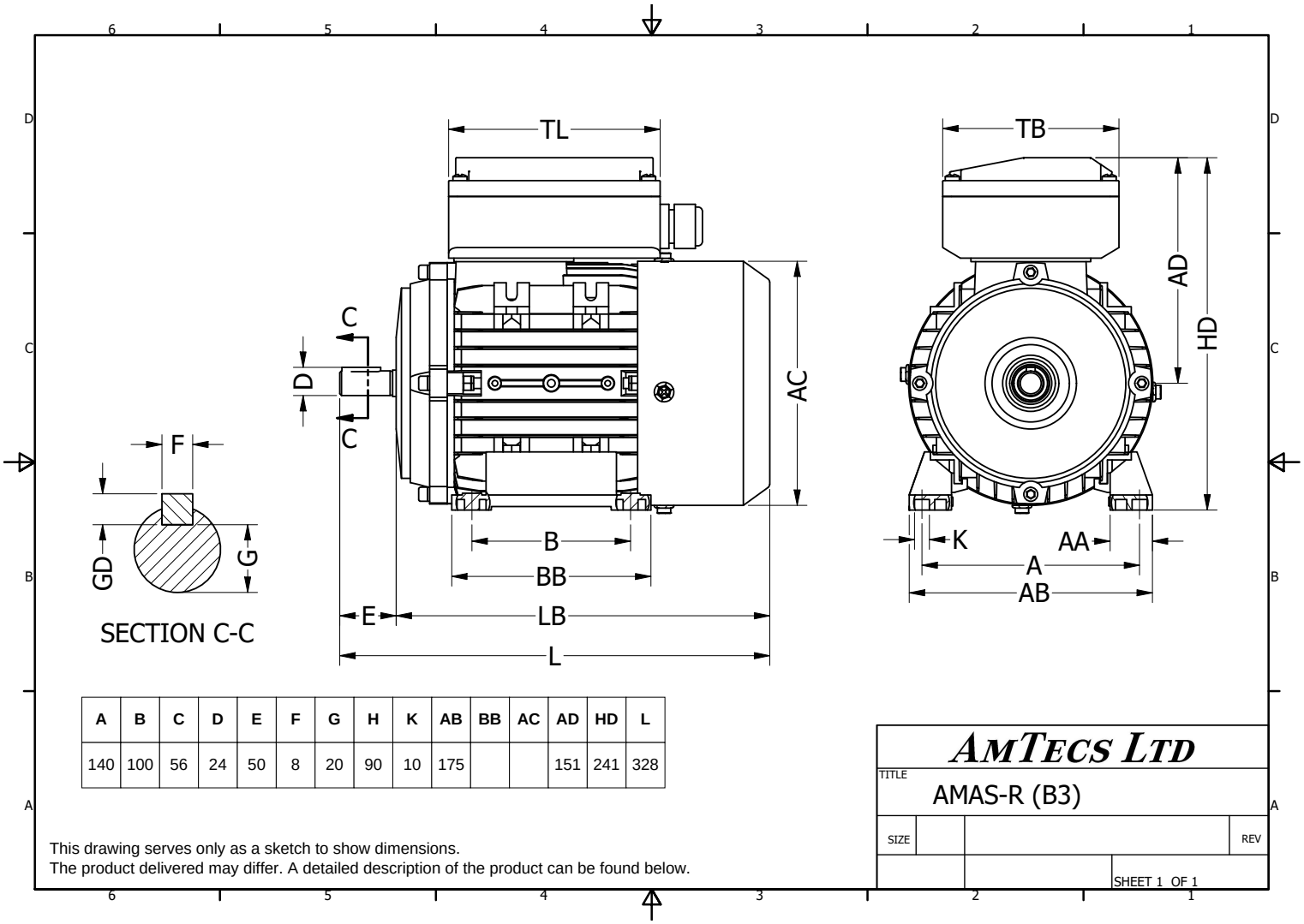
# AMAS-R-IE2 90 S2 (B3)

AMTECS




| A | B | C | D | E | F | G | H | K | AB | BB | AC | AD | HD | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 100 | 56 | 24 | 50 | 8 | 20 | 90 | 10 | 175 | | | 151 | 241 | 328 |

AMTECS LTD

TITLE AMAS-R (B3)

SIZE | REV | SHEET 1 OF 1

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.

| | | | |
|---|---|---|---|
| Specification | **IEC 60034-1** | Efficiency class | **IE2** |
| Manufacturer | **AmTecs** | Load data | 100% |
| Motor type | **AMAS-R-IE2 90 S2** | Efficiency | **81.3** % |
| Rated power | **1.5** kW **S1** Duty | Power factor | **0.97** |
| Speed | **2850** rpm | Sound pressure level (1m) | **78** dB(A) |
| Voltage | **220V** | Resistance R20 (open) | |
| Frequency | **50** Hz | Resistance R20 (Delta) | |
| Connection | **Single Phase** | | |
| Full load current | **8.3 A** | Full load torque | **5.03** Nm |
| No-load current | | Starting / Full load torque | **0.34** |
| Enclosure | **IP55** | Pull up / Full load torque | |
| Insulation class | **F (temp. rise B)** | Pull out / Full load torque | **2** |
| Max. ambient temp | **40** °C | | |
| Max. altitude | **1000** mtr above sea level | | |
| Comment | | | |
| Cable entry | **M20 x 1.5** | Starting / Full load current (DOL) | |
| Construction | **Aluminium** | Starting / Full load current (Y/D) | |
| Weight | **15** Kg | Rotor Inertia | |
| Type number | | Bearing DE | **6205** |
| Warranty | | Bearing NDE | **6204** |
| Run Capacitor | **40uf/450V** | | |
| Protection Device | **Thermal Reset Switch** | | |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