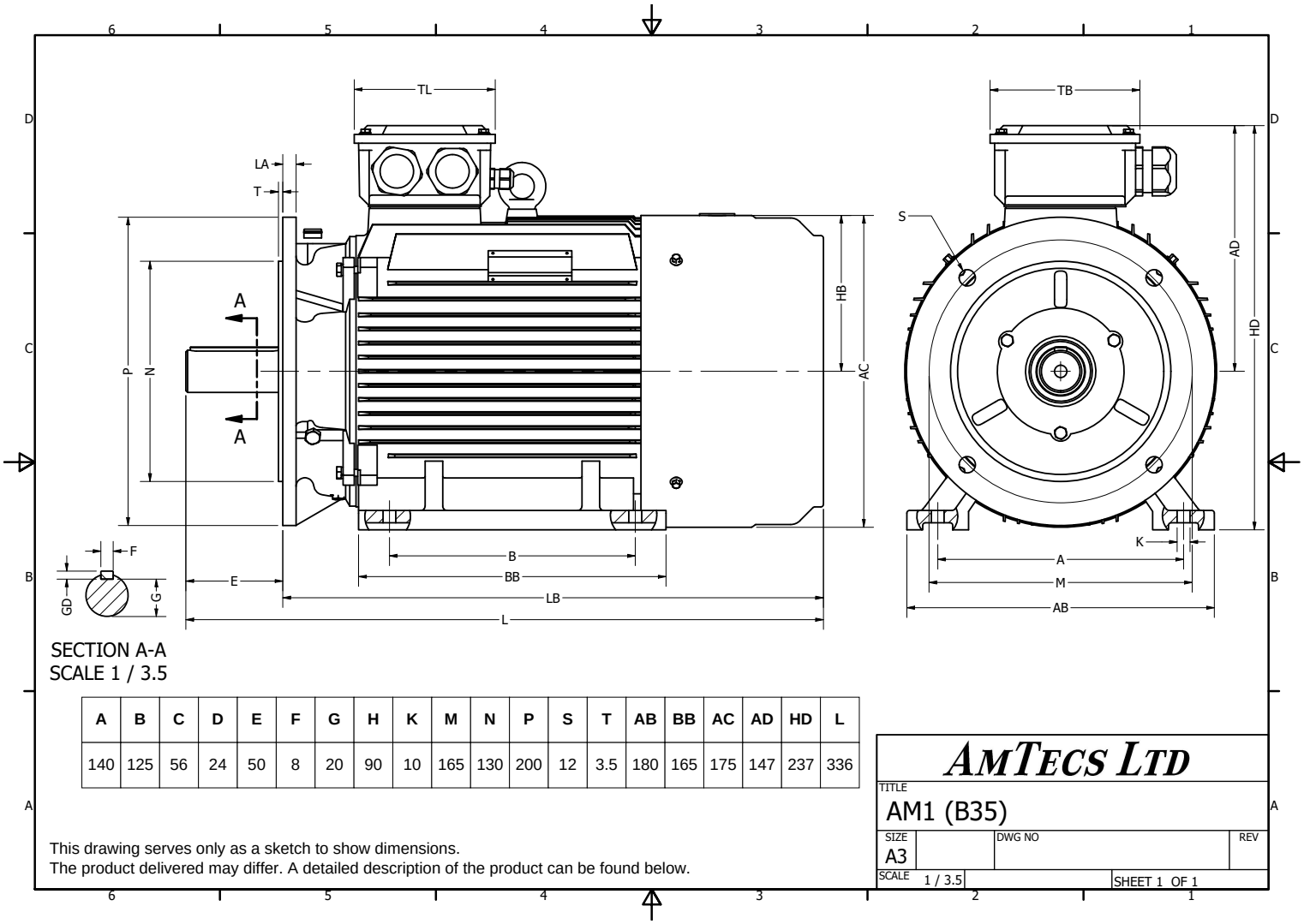
# AM3-IE3 90L4 (B35)

AMTECS




SECTION A-A
SCALE 1 / 3.5

| A | B | C | D | E | F | G | H | K | M | N | P | S | T | AB | BB | AC | AD | HD | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 125 | 56 | 24 | 50 | 8 | 20 | 90 | 10 | 165 | 130 | 200 | 12 | 3.5 | 180 | 165 | 175 | 147 | 237 | 336 |

AMTECS LTD

TITLE: AM1 (B35)

SIZE: A3 | DWG NO | REV

SCALE: 1 / 3.5 | 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 | **IE3** |
| Manufacturer | **AmTecs** | Load data | 100% |
| Motor type | **AM3-IE3 90L4** | Efficiency | **85.3** % |
| Rated power | **1.5** kW **S1** Duty | Power factor | **0.74** |
| Speed | **1445** rpm | Sound pressure level (1m) | **54** dB(A) |
| Voltage | **220V / 400V** | Resistance R20 (open) | |
| Frequency | **50** Hz | Resistance R20 (Delta) | |
| Connection | **Delta / Star** | | |
| Full load current | **5.94 A / 3.43 A** | Full load torque | **9.91** Nm |
| No-load current | | Starting / Full load torque | **3** |
| Enclosure | **IP55** | Pull up / Full load torque | |
| Insulation class | **F (temp. rise B)** | Pull out / Full load torque | **3.6** |
| Max. ambient temp | **40** °C | | |
| Max. altitude | **1000** mtr above sea level | | |
| Comment | | | |
| Cable entry | **M20 x 1.5** | Starting / Full load current (DOL) | **6.8** |
| Construction | **Cast Iron** | Starting / Full load current (Y/D) | |
| Weight | **32** Kg | Rotor Inertia | |
| Type number | | Bearing DE | **6205** |
| Warranty | | Bearing NDE | **6205** |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