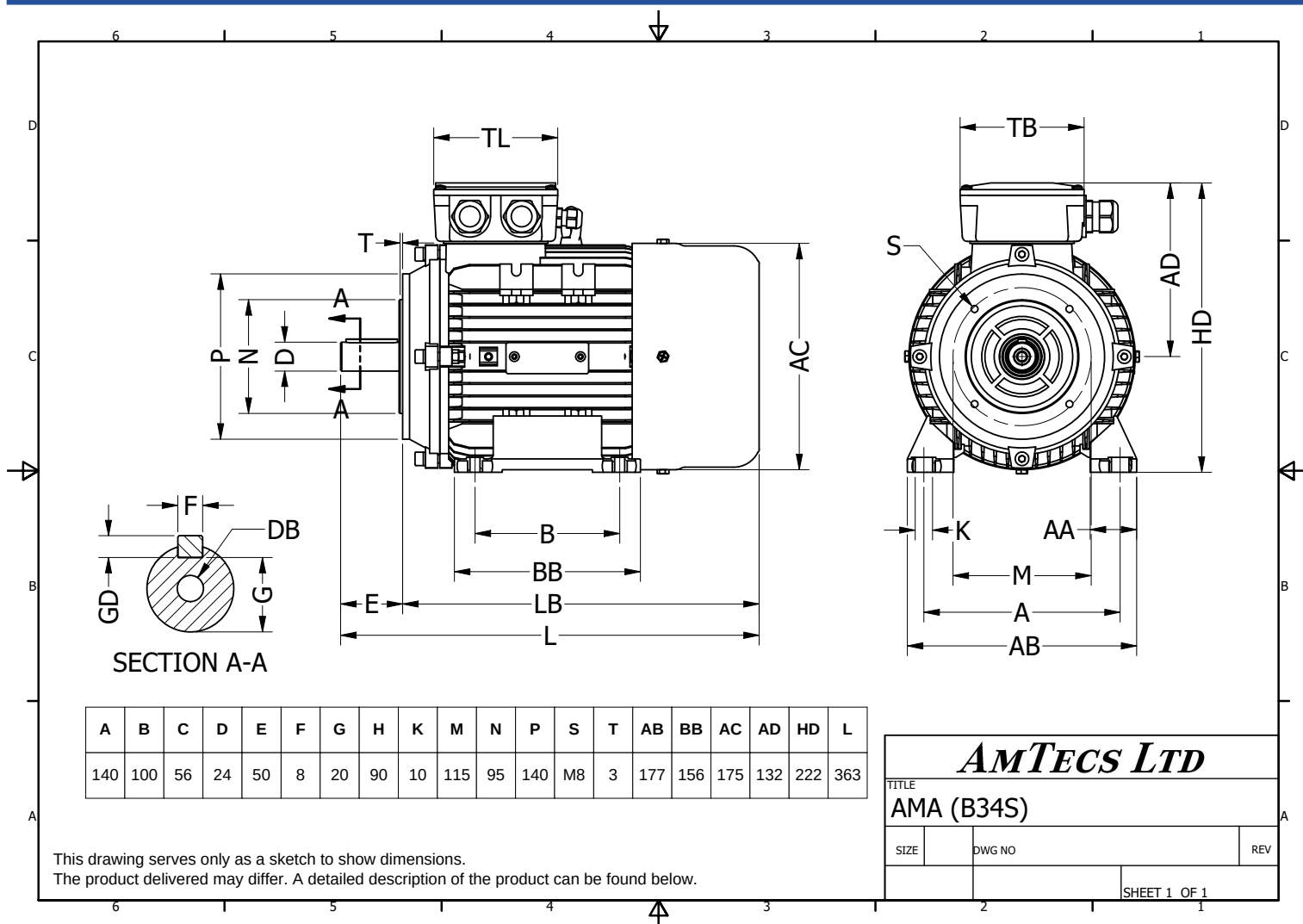


# AMAH-IE3 90L2 (B34S)



|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMAH-IE3 90L2            |
| Rated power       | 3 kW S1 Duty             |
| Speed             | 2910 rpm                 |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 5.71 A / 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            | 22 Kg                    |
| Type number       |                          |
| Warranty          |                          |

|                           |          |
|---------------------------|----------|
| Efficiency class          | IE3      |
| Load data                 | 100%     |
| Efficiency                | 87.1 %   |
| Power factor              | 0.87     |
| Sound pressure level (1m) | 62 dB(A) |
| Resistance R20 (open)     |          |
| Resistance R20 (Delta)    |          |

|                             |         |
|-----------------------------|---------|
| Full load torque            | 9.85 Nm |
| Starting / Full load torque | 2.2     |
| Pull up / Full load torque  |         |
| Pull out / Full load torque | 3       |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 8.5  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6205 |
| Bearing NDE                        | 6205 |

Protection Device **PTC 150**

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