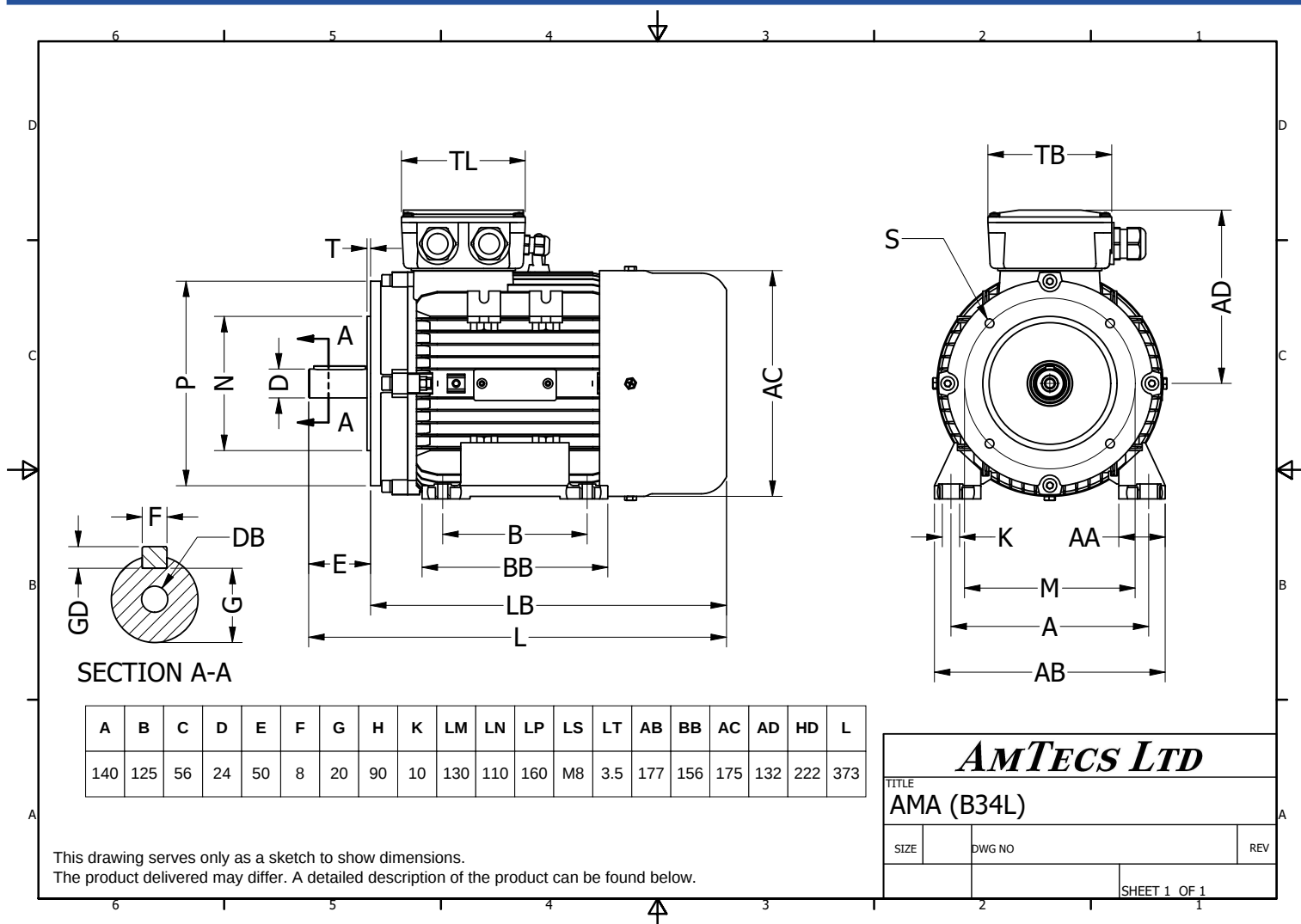


# AMAH-IE3 90L4 (B34L)



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     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMAH-IE3 90L4</b>            |
| Rated power       | <b>2.2 kW S1 Duty</b>           |
| Speed             | <b>1455 rpm</b>                 |
| Voltage           | <b>220V / 400V</b>              |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Delta / Star</b>             |
| Full load current | <b>7.83 A / 4.52 A</b>          |
| No-load current   |                                 |
| Enclosure         | <b>IP55</b>                     |
| Insulation class  | <b>F (temp. rise B)</b>         |
| Max. ambient temp | <b>40 °C</b>                    |
| Max. altitude     | <b>1000 mtr above sea level</b> |
| Comment           |                                 |
| Cable entry       | <b>M20 x 1.5</b>                |
| Construction      | <b>Aluminium</b>                |
| Weight            | <b>23 Kg</b>                    |
| Type number       |                                 |
| Warranty          |                                 |

|                           |                 |
|---------------------------|-----------------|
| Efficiency class          | <b>IE3</b>      |
| Load data                 | <b>100%</b>     |
| Efficiency                | <b>86.7 %</b>   |
| Power factor              | <b>0.81</b>     |
| Sound pressure level (1m) | <b>54 dB(A)</b> |
| Resistance R20 (open)     |                 |
| Resistance R20 (Delta)    |                 |

|                             |                |
|-----------------------------|----------------|
| Full load torque            | <b>14.4 Nm</b> |
| Starting / Full load torque | <b>2.2</b>     |
| Pull up / Full load torque  |                |
| Pull out / Full load torque | <b>2.5</b>     |

|                                    |             |
|------------------------------------|-------------|
| Starting / Full load current (DOL) | <b>8.1</b>  |
| Starting / Full load current (Y/D) |             |
| Rotor Inertia                      |             |
| Bearing DE                         | <b>6205</b> |
| Bearing NDE                        | <b>6205</b> |

Protection Device **PTC 150**

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