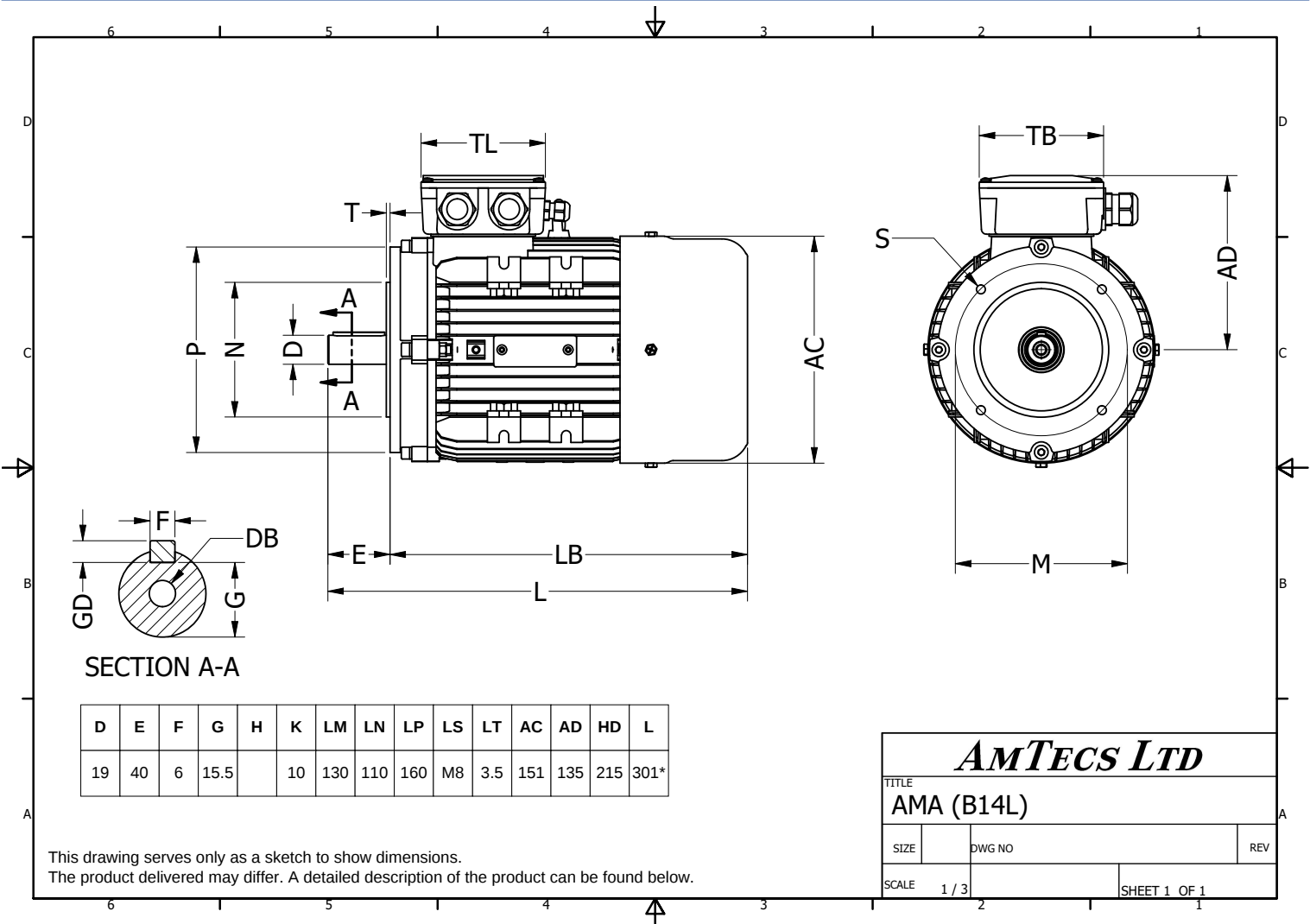


## AMA-IE2 80G8 (B14L)



|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMA-IE2 80G8</b>             |
| Rated power       | <b>0.25 kW S1</b> Duty          |
| Speed             | <b>710 rpm</b>                  |
| Voltage           | <b>220V / 400V</b>              |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Delta / Star</b>             |
| Full load current | <b>2.11 A / 1.21 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</b> above sea level |
| Comment           |                                 |
| Cable entry       | <b>M20 x 1.5</b>                |
| Construction      | <b>Aluminium</b>                |
| Weight            | <b>14.5 Kg</b>                  |
| Type number       |                                 |
| Warranty          |                                 |

|                           |                 |
|---------------------------|-----------------|
| Efficiency class          | <b>IE2</b>      |
| Load data                 | 100%            |
| Efficiency                | <b>54</b> %     |
| Power factor              | <b>0.55</b>     |
| Sound pressure level (1m) | <b>54</b> dB(A) |
| Resistance R20 (open)     |                 |
| Resistance R20 (Delta)    |                 |

|                             |            |    |
|-----------------------------|------------|----|
| Full load torque            | <b>3.4</b> | Nm |
| Starting / Full load torque | <b>1.8</b> |    |
| Pull up / Full load torque  |            |    |
| Pull out / Full load torque | <b>2</b>   |    |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 3.3  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6204 |
| Bearing NDE                        | 6204 |

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