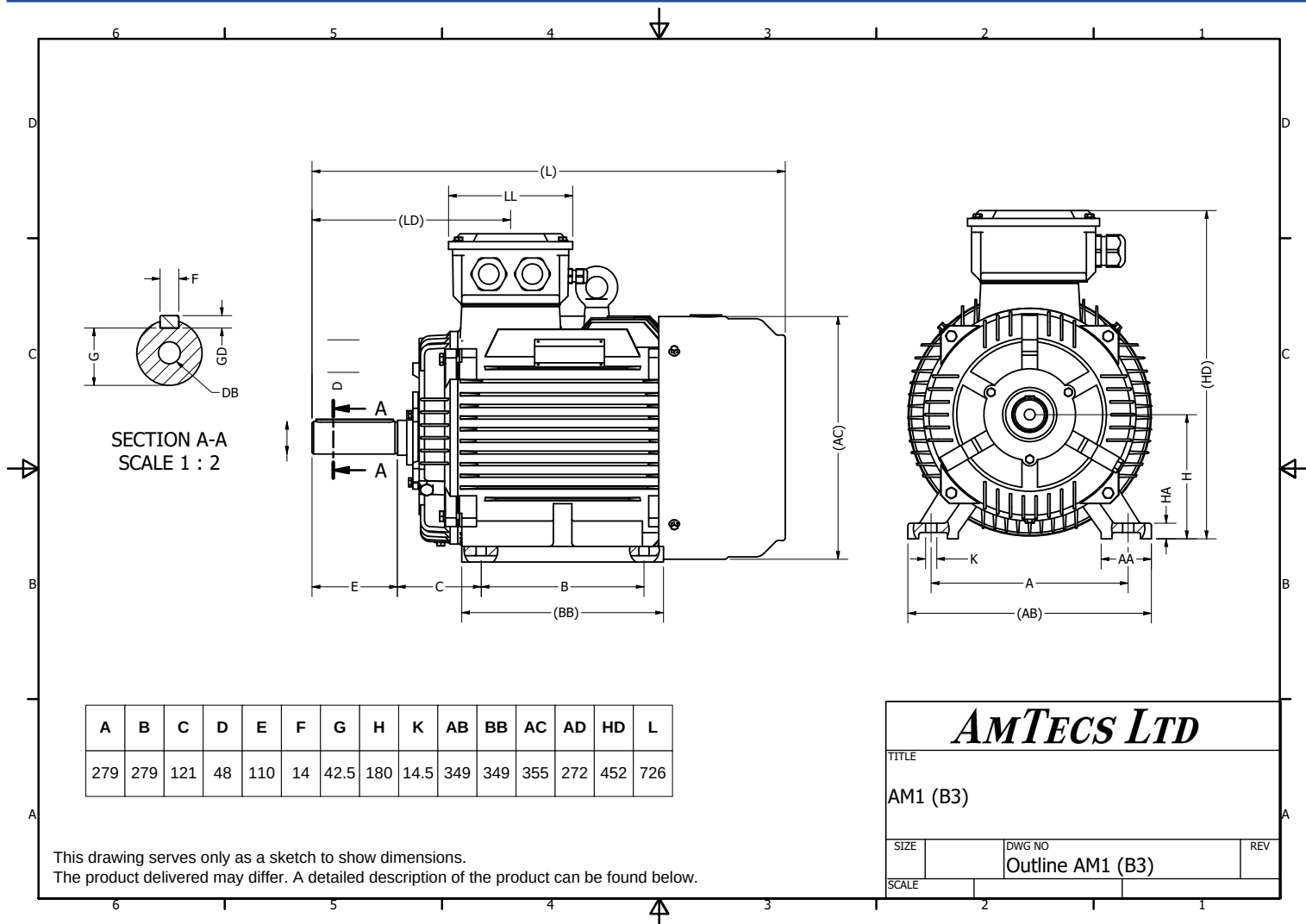




|                   |                                     |
|-------------------|-------------------------------------|
| Specification     | <b>IEC 60034-1</b>                  |
| Manufacturer      | <b>AmTecs</b>                       |
| Motor type        | <b>AM1-IE2 180L6</b>                |
| Rated power       | <b>15 kW S1 Duty</b>                |
| Speed             | <b>980 rpm</b>                      |
| Voltage           | <b>400V / 690V</b>                  |
| Frequency         | <b>50 Hz</b>                        |
| Connection        | <b>Delta / Star</b>                 |
| Full load current | <b>29.7992901 A / 17.27495078 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>M32 x 1.5</b>                    |
| Construction      | <b>Cast Iron</b>                    |
| Weight            | <b>183 Kg</b>                       |
| Type number       |                                     |
| Warranty          |                                     |

|                           |                          |
|---------------------------|--------------------------|
| Efficiency class          | <b>IE2</b>               |
| Load data                 | 100% 75% 50% 25%         |
| Efficiency                | <b>89.7% 89.8% 88.7%</b> |
| Power factor              | <b>0.81</b>              |
| Sound pressure level (1m) | <b>73 dB(A)</b>          |
| Resistance R20 (open)     |                          |
| Resistance R20 (Delta)    |                          |

|                             |                    |
|-----------------------------|--------------------|
| Full load torque            | <b>146.1734694</b> |
| Starting / Full load torque | <b>2</b>           |
| Pull up / Full load torque  |                    |
| Pull out / Full load torque | <b>2.7</b>         |

|                                    |             |
|------------------------------------|-------------|
| Starting / Full load current (DOL) | <b>6.4</b>  |
| Starting / Full load current (Y/D) |             |
| Rotor Inertia                      |             |
| Bearing DE                         | <b>6311</b> |
| Bearing NDE                        | <b>6211</b> |

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