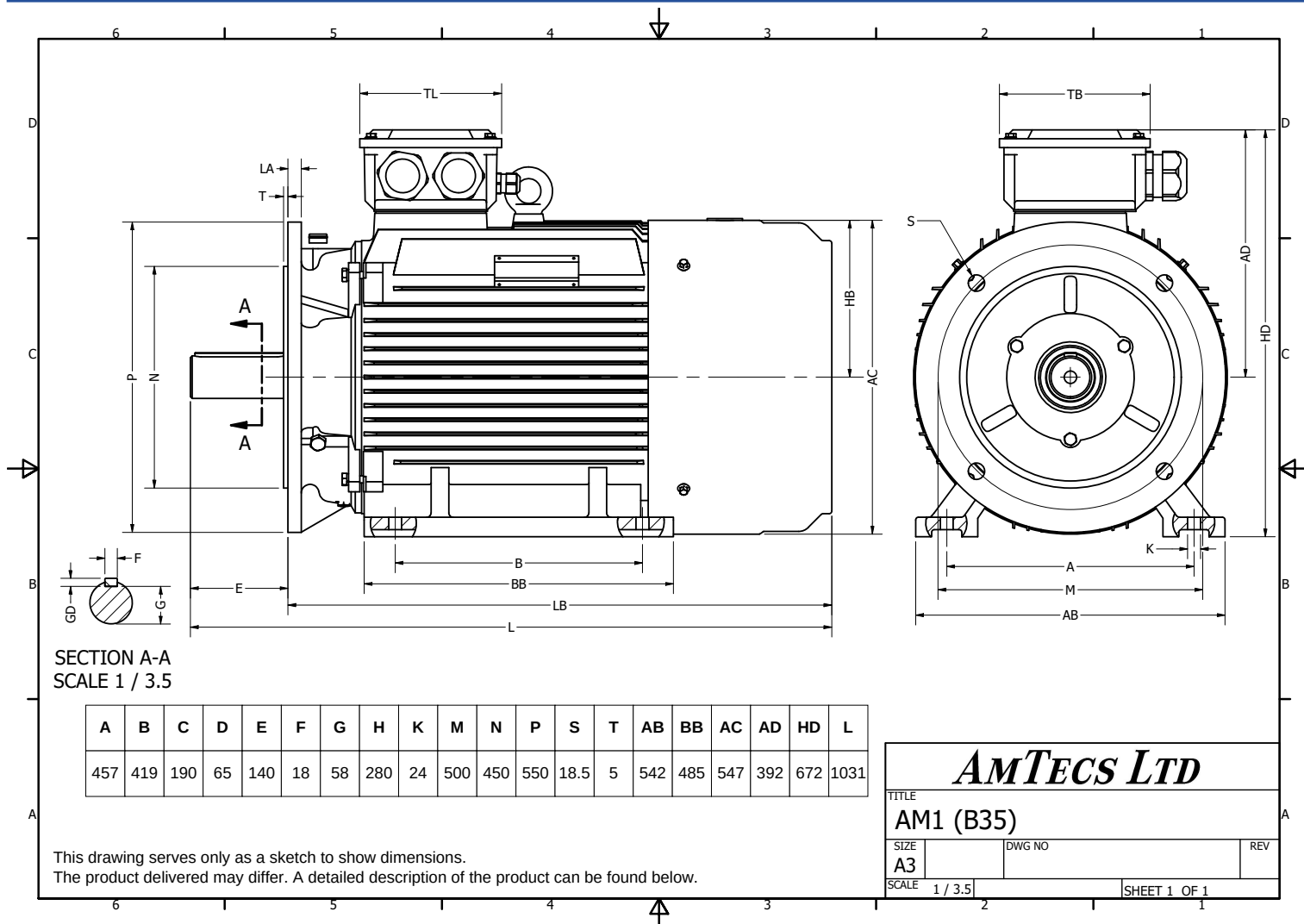




|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM1-IE2 280M2            |
| Rated power       | 90 kW S1 Duty            |
| Speed             | 2970 rpm                 |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 155.1 A / 89.9 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       | M63 x 1.5                |
| Construction      | Cast Iron                |
| Weight            | 580 Kg                   |
| Type number       |                          |
| Warranty          |                          |

|                           |          |
|---------------------------|----------|
| Efficiency class          | IE2      |
| Load data                 | 100%     |
| Efficiency                | 94.1 %   |
| Power factor              | 0.89     |
| Sound pressure level (1m) | 91 dB(A) |
| Resistance R20 (open)     |          |
| Resistance R20 (Delta)    |          |

|                             |        |
|-----------------------------|--------|
| Full load torque            | 289 Nm |
| Starting / Full load torque | 2.7    |
| Pull up / Full load torque  |        |
| Pull out / Full load torque | 2.9    |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 7.4  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6314 |
| Bearing NDE                        | 6314 |

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