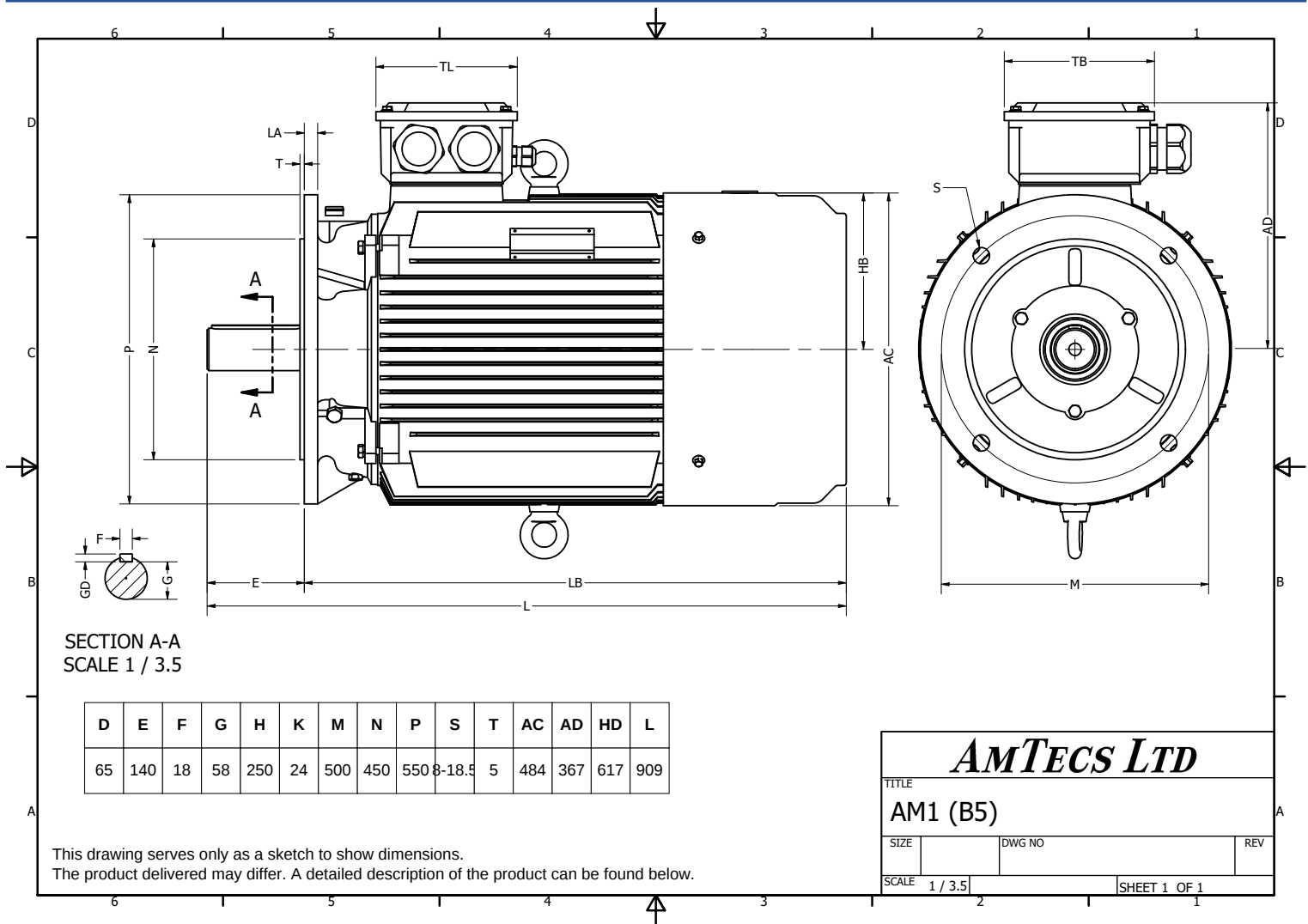


AM4-IE4 250M4 (B5)



|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM4-IE4 250M4            |
| Rated power       | 55 kW S1 Duty            |
| Speed             | 1485 rpm                 |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 96.5 A / 55.9 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            | 492 Kg                   |
| Type number       |                          |
| Warranty          |                          |

|                             |          |
|-----------------------------|----------|
| Efficiency class            | IE4      |
| Load data                   | 100%     |
| Efficiency                  | 95.7 %   |
| Power factor                | 0.86     |
| Sound pressure level (1m)   | dB(A)    |
| Resistance R20 (open)       |          |
| Resistance R20 (Delta)      |          |
| Full load torque            | 353.7 Nm |
| Starting / Full load torque | 2.99     |
| Pull up / Full load torque  |          |
| Pull out / Full load torque | 3.12     |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 9    |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6314 |
| Bearing NDE                        | 6313 |

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