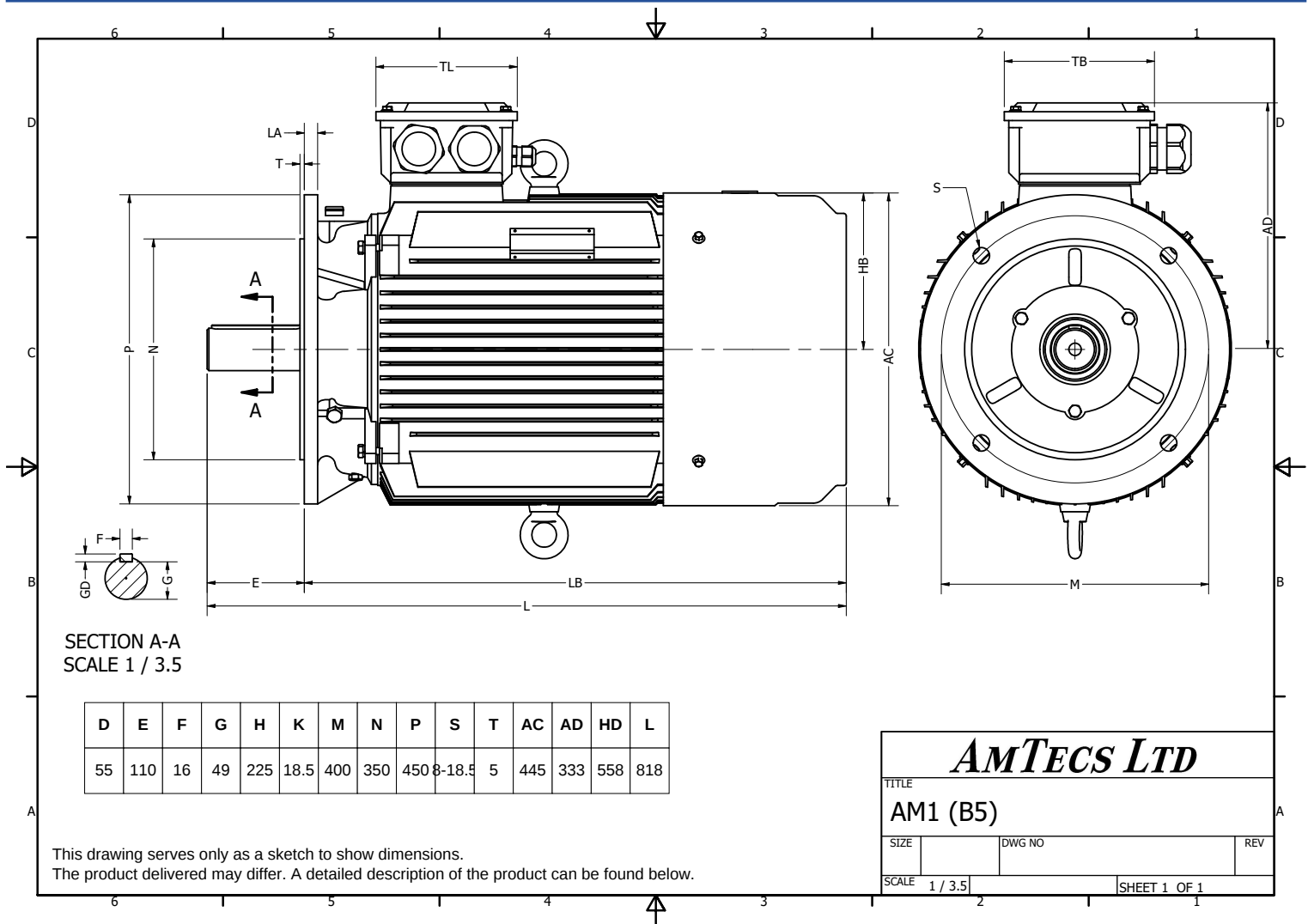


AM4-IE4 225M2 (B5)



|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM4-IE4 225M2            |
| Rated power       | 45 kW S1 Duty            |
| Speed             | 2970 rpm                 |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 76.8 A / 44.5 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       | M40 X 1.5                |
| Construction      | Cast Iron                |
| Weight            | 326 Kg                   |
| Type number       |                          |
| Warranty          |                          |

|                                    |          |
|------------------------------------|----------|
| Efficiency class                   | IE4      |
| Load data                          | 100%     |
| Efficiency                         | 95 %     |
| Power factor                       | 0.89     |
| Sound pressure level (1m)          | dB(A)    |
| Resistance R20 (open)              |          |
| Resistance R20 (Delta)             |          |
| Full load torque                   | 144.7 Nm |
| Starting / Full load torque        | 2.6      |
| Pull up / Full load torque         |          |
| Pull out / Full load torque        | 3.2      |
| Starting / Full load current (DOL) | 9        |
| Starting / Full load current (Y/D) |          |
| Rotor Inertia                      |          |
| Bearing DE                         | 6312     |
| Bearing NDE                        | 6312     |

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