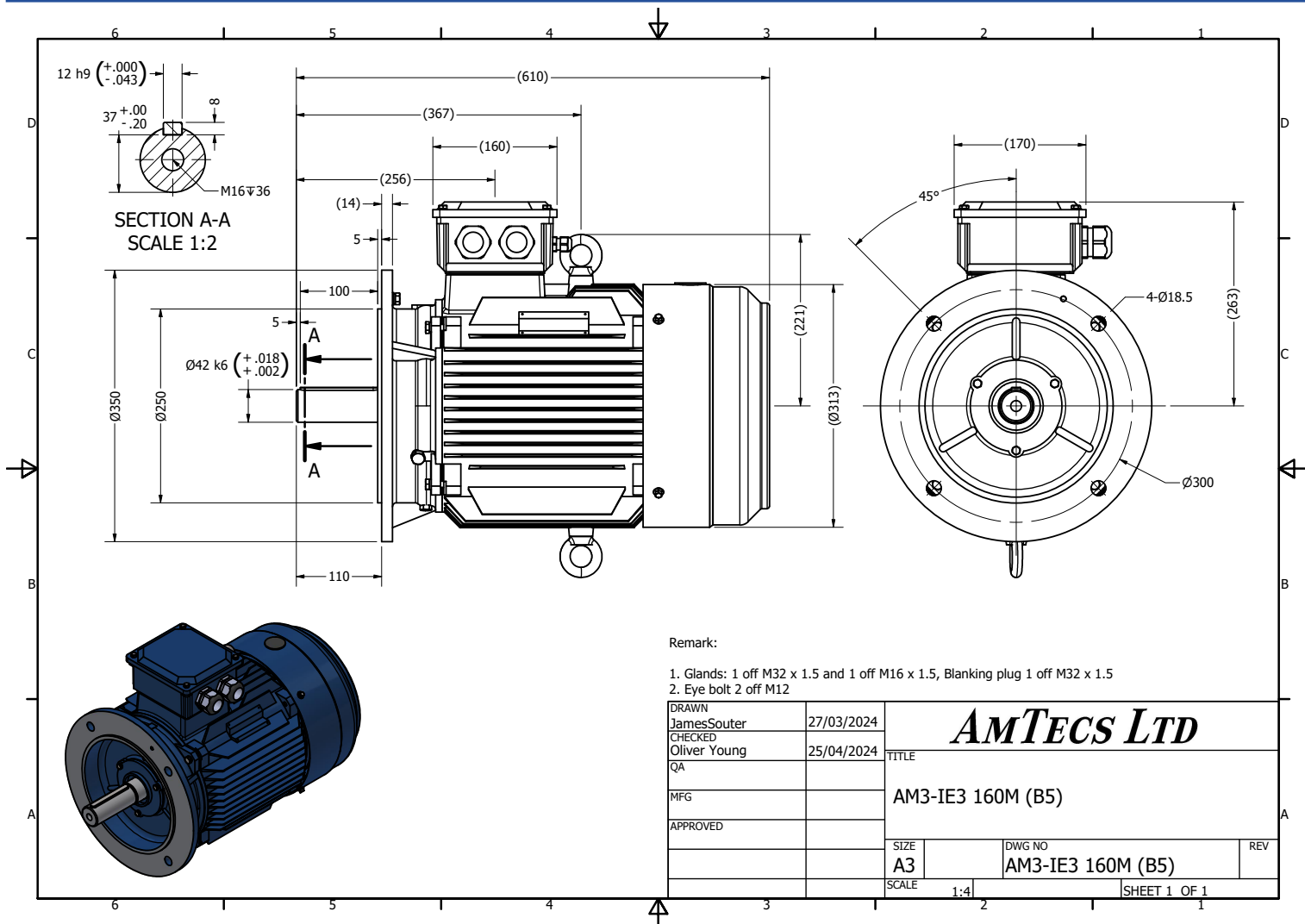




|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM3-IE3 160M6            |
| Rated power       | 7.5 kW S1 Duty           |
| Speed             | 975 rpm                  |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 15.6 A / 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       | M32 x 1.5                |
| Construction      | Cast Iron                |
| Weight            | 120 Kg                   |
| Type number       |                          |
| Warranty          |                          |

|                           |                   |
|---------------------------|-------------------|
| Efficiency class          | IE3               |
| Load data                 | 100% 75% 50% 25%  |
| Efficiency                | 89.1% 89.5% 87.3% |
| Power factor              | 0.78              |
| Sound pressure level (1m) | 73 dB(A)          |
| Resistance R20 (open)     |                   |
| Resistance R20 (Delta)    |                   |

|                             |         |
|-----------------------------|---------|
| Full load torque            | 73.5 Nm |
| Starting / Full load torque | 2.4     |
| Pull up / Full load torque  |         |
| Pull out / Full load torque | 2.8     |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 7.8  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6309 |
| Bearing NDE                        | 6209 |

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