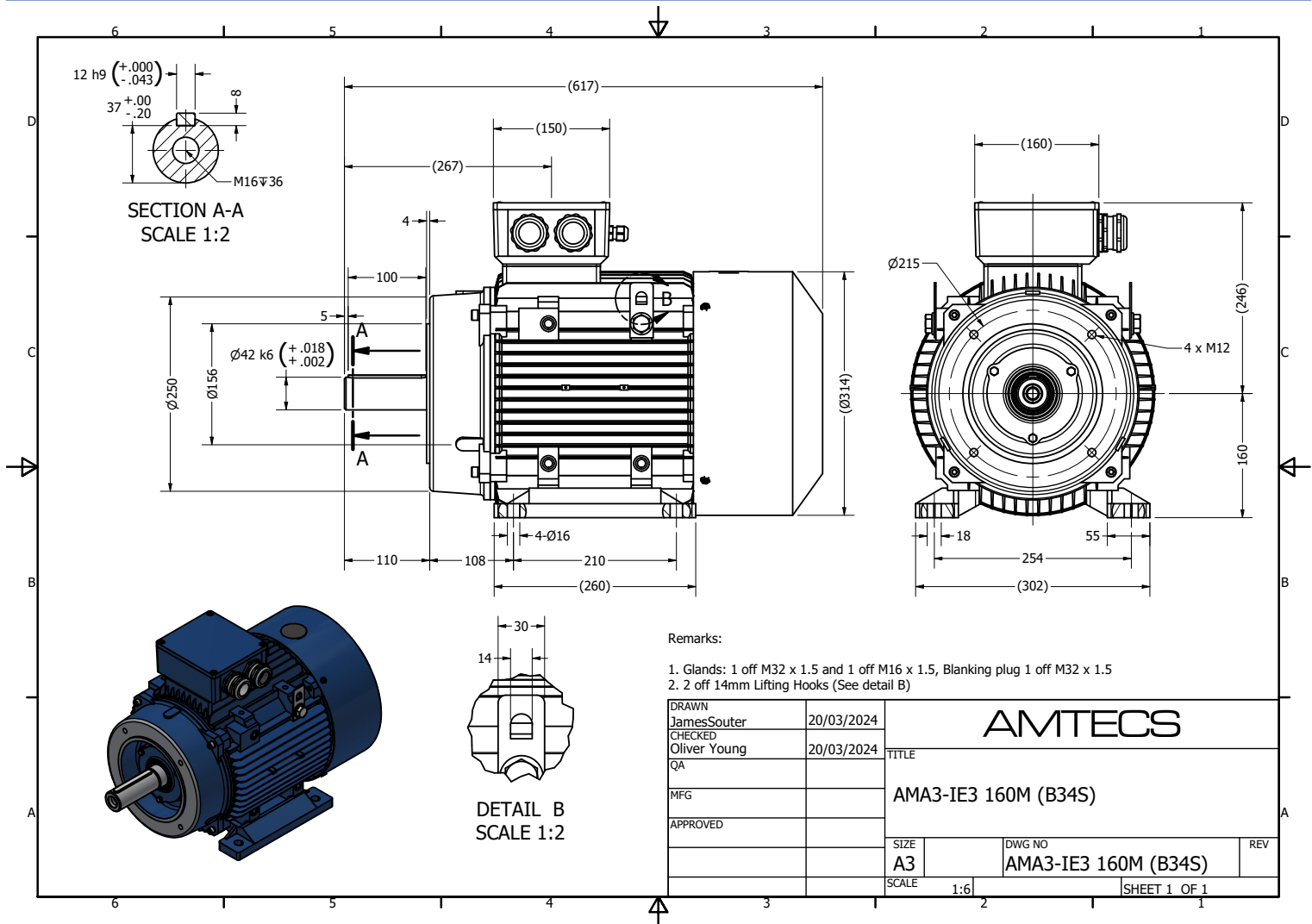




|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMA3-IE3 160MX6          |
| Rated power       | 7.5 kW S1 Duty           |
| Speed             | 970 rpm                  |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 16 A / 9.24 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      | Aluminium                |
| Weight            | 103 Kg                   |
| Type number       |                          |
| Warranty          |                          |

|                             |                  |
|-----------------------------|------------------|
| Efficiency class            | IE3              |
| Load data                   | 100% 75% 50% 25% |
| Efficiency                  | 89.1%            |
| Power factor                | 0.77             |
| Sound pressure level (1m)   | 61 dB(A)         |
| Resistance R20 (open)       |                  |
| Resistance R20 (Delta)      |                  |
| Full load torque            | 73.8 Nm          |
| Starting / Full load torque | 1.7              |
| Pull up / Full load torque  |                  |
| Pull out / Full load torque | 2.5              |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 5.9  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6309 |
| Bearing NDE                        | 6209 |

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