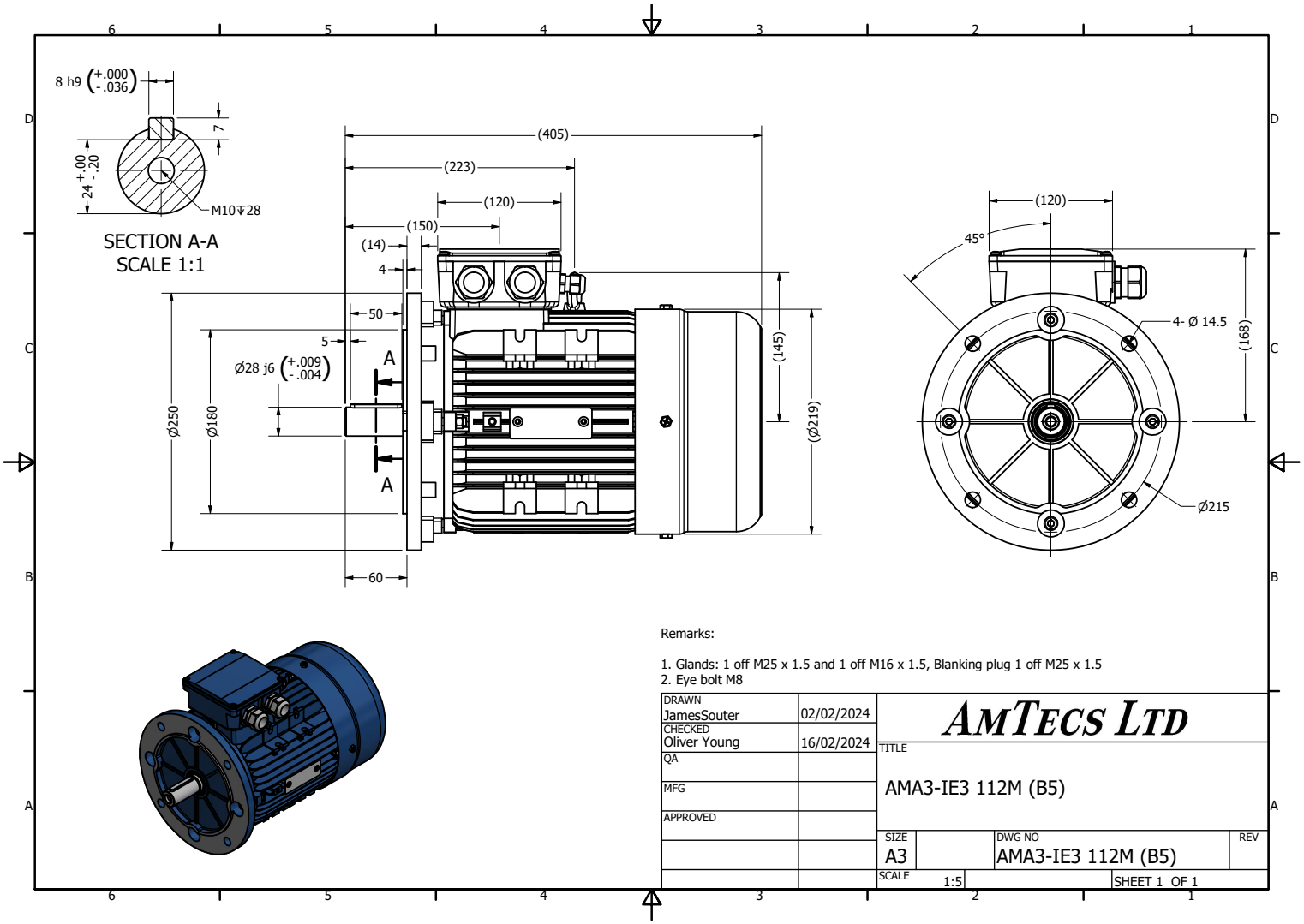
# AMA3-IE3 112M4 (B5)

AMTECS



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|---|---|---|---|
| Specification | **IEC 60034-1** | Efficiency class | **IE3** |
| Manufacturer | **AmTecs** | Load data | 100% |
| Motor type | **AMA3-IE3 112M4** | Efficiency | **88.6** % |
| Rated power | **4.8** kW **S1** Duty | Power factor | **0.8** |
| Speed | **1728** rpm | Sound pressure level (1m) | **63** dB(A) |
| Voltage | **480 / 820V** | Resistance R20 (open) | |
| Frequency | **60** Hz | Resistance R20 (Delta) | |
| Connection | **Delta / Star** | | |
| Full load current | **8.14 A / 4.7 A** | Full load torque | **26.5** Nm |
| No-load current | | Starting / Full load torque | **2.3** |
| Enclosure | **IP55** | Pull up / Full load torque | |
| Insulation class | **F (temp. rise B)** | Pull out / Full load torque | **3.1** |
| Max. ambient temp | **40** °C | | |
| Max. altitude | **1000** mtr above sea level | | |
| Comment | | | |
| Cable entry | **M25 x 1.5** | Starting / Full load current (DOL) | **7.4** |
| Construction | **Aluminium** | Starting / Full load current (Y/D) | |
| Weight | **44** Kg | Rotor Inertia | |
| Type number | | Bearing DE | **6306** |
| Warranty | | Bearing NDE | **6306** |


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