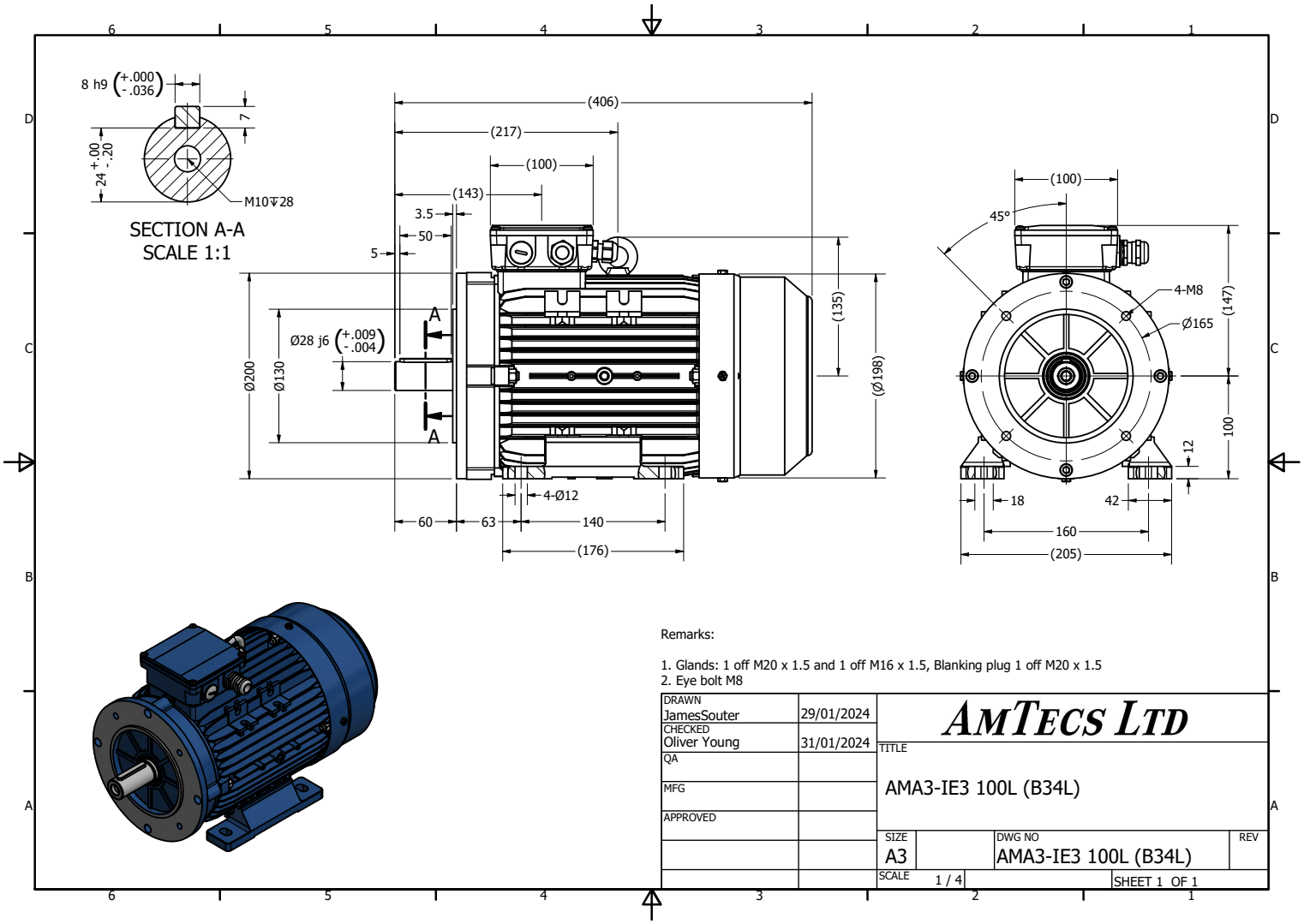
# AMA3-IE3 100L2 (B34L)

AMTECS






Remarks:

1. Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5
2. Eye bolt M8

| | | | |
|---|---|---|---|
| DRAWN | JamesSouter | 29/01/2024 | AMTECS LTD |
| CHECKED | Oliver Young | 31/01/2024 | TITLE: AMA3-IE3 100L (B34L) |
| QA | | | |
| MFG | | | |
| APPROVED | | | SIZE: A3 — DWG NO: AMA3-IE3 100L (B34L) — REV |
| | | | SCALE: 1 / 4 — SHEET 1 OF 1 |

| | | | |
|---|---|---|---|
| Specification | **IEC 60034-1** | Efficiency class | **IE3** |
| Manufacturer | **AmTecs** | Load data | 100% |
| Motor type | **AMA3-IE3 100L2** | Efficiency | **87.1** % |
| Rated power | **3** kW **S1** Duty | Power factor | **0.87** |
| Speed | **2910** rpm | Sound pressure level (1m) | **65** dB(A) |
| Voltage | **220V / 400V** | Resistance R20 (open) | |
| Frequency | **50** Hz | Resistance R20 (Delta) | |
| Connection | **Delta / Star** | | |
| Full load current | **9.9 A / 5.71 A** | Full load torque | **9.85** Nm |
| No-load current | | Starting / Full load torque | **3.2** |
| Enclosure | **IP55** | Pull up / Full load torque | |
| Insulation class | **F (temp. rise B)** | Pull out / Full load torque | **3.5** |
| Max. ambient temp | **40** °C | | |
| Max. altitude | **1000** mtr above sea level | | |
| Comment | | | |
| Cable entry | **M20 x 1.5** | Starting / Full load current (DOL) | **8.5** |
| Construction | **Aluminium** | Starting / Full load current (Y/D) | |
| Weight | **30.5** Kg | Rotor Inertia | |
| Type number | | Bearing DE | **6206** |
| Warranty | | Bearing NDE | **6206** |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