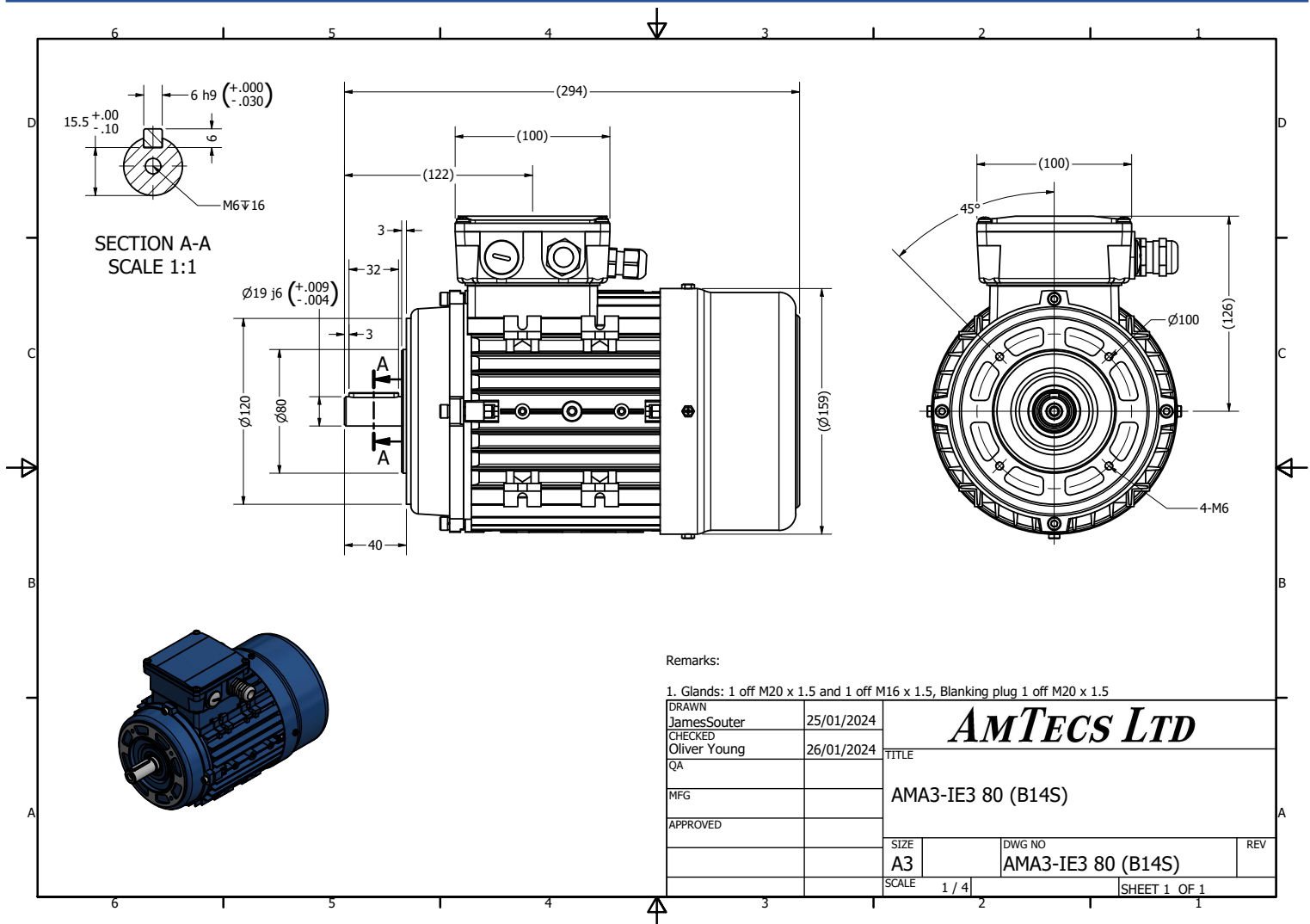


AMA3-IE3 80G4 (B14S)



Remarks:

1. Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5

|          |              |            |                    |                    |
|----------|--------------|------------|--------------------|--------------------|
| DRAWN    | JamesSouter  | 25/01/2024 | <b>AMTECS LTD</b>  |                    |
| CHECKED  | Oliver Young | 26/01/2024 |                    |                    |
| QA       |              |            | TITLE              |                    |
| MFG      |              |            | AMA3-IE3 80 (B14S) |                    |
| APPROVED |              |            |                    |                    |
|          |              |            | SIZE               | DWG NO             |
|          |              |            | A3                 | AMA3-IE3 80 (B14S) |
|          |              |            | SCALE              | 1 / 4              |
|          |              |            |                    | SHEET 1 OF 1       |

|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMA3-IE3 80G4            |
| Rated power       | 0.75 kW S1 Duty          |
| Speed             | 1445 rpm                 |
| Voltage           | 220V / 400V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 3.04 A / 1.75 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       | M20x1.5                  |
| Construction      | Aluminium                |
| Weight            | 16 Kg                    |
| Type number       |                          |
| Warranty          |                          |

|                             |          |
|-----------------------------|----------|
| Efficiency class            | IE3      |
| Load data                   | 100%     |
| Efficiency                  | 82.5 %   |
| Power factor                | 0.75     |
| Sound pressure level (1m)   | 49 dB(A) |
| Resistance R20 (open)       |          |
| Resistance R20 (Delta)      |          |
| Full load torque            | 4.96 Nm  |
| Starting / Full load torque | 3        |
| Pull up / Full load torque  |          |
| Pull out / Full load torque | 3.6      |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 7.2  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6204 |
| Bearing NDE                        | 6204 |

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