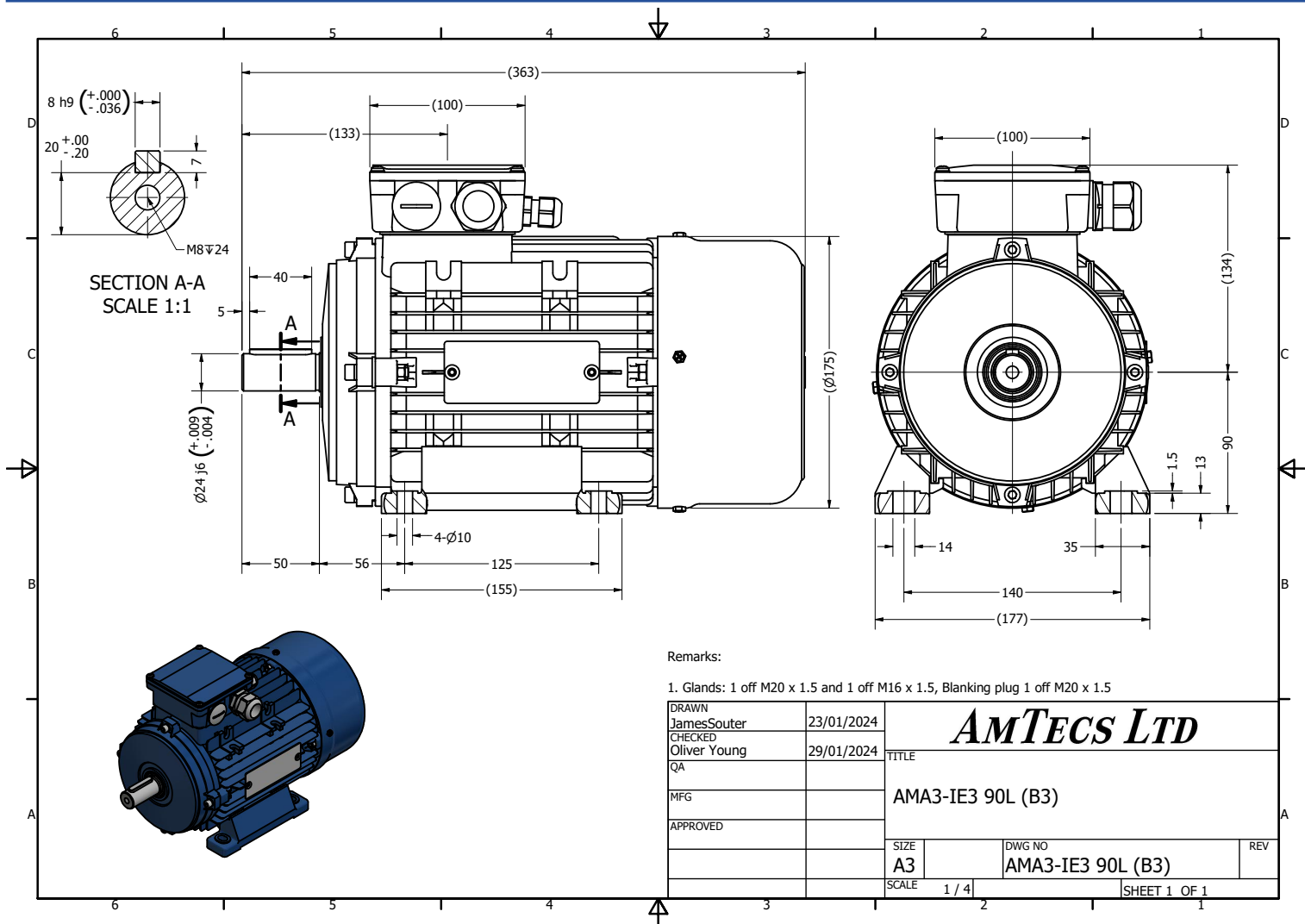




## Remarks:

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

|                         |            |                   |                             |
|-------------------------|------------|-------------------|-----------------------------|
| DRAWN<br>James Souter   | 23/01/2024 | <b>AMTECS LTD</b> |                             |
| CHECKED<br>Oliver Young | 29/01/2024 | TITLE             |                             |
| QA                      |            | AMA3-IE3 90L (B3) |                             |
| MFG                     |            | REV               |                             |
| APPROVED                |            | SCALE 1 / 4       |                             |
|                         |            | SIZE<br>A3        | DWG NO<br>AMA3-IE3 90L (B3) |
|                         |            | SHEET 1 OF 1      |                             |

|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AMA3-IE3 90L2            |
| Rated power       | 2.2 kW S1 Duty           |
| Speed             | 2915 rpm                 |
| Voltage           | 220V / 400V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 7.56 A / 4.35 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       | M20 x 1.5                |
| Construction      | Aluminium                |
| Weight            | 21.5 Kg                  |
| Type number       |                          |
| Warranty          |                          |

|                           |                  |
|---------------------------|------------------|
| Efficiency class          | IE3              |
| Load data                 | 100% 75% 50% 25% |
| Efficiency                | 85.9%            |
| Power factor              | 0.85             |
| Sound pressure level (1m) | 62 dB(A)         |
| Resistance R20 (open)     |                  |
| Resistance R20 (Delta)    |                  |

|                             |         |
|-----------------------------|---------|
| Full load torque            | 7.21 Nm |
| Starting / Full load torque | 2.6     |
| Pull up / Full load torque  |         |
| Pull out / Full load torque | 3.5     |

|                                    |      |
|------------------------------------|------|
| Starting / Full load current (DOL) | 8.5  |
| Starting / Full load current (Y/D) |      |
| Rotor Inertia                      |      |
| Bearing DE                         | 6205 |
| Bearing NDE                        | 6205 |

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