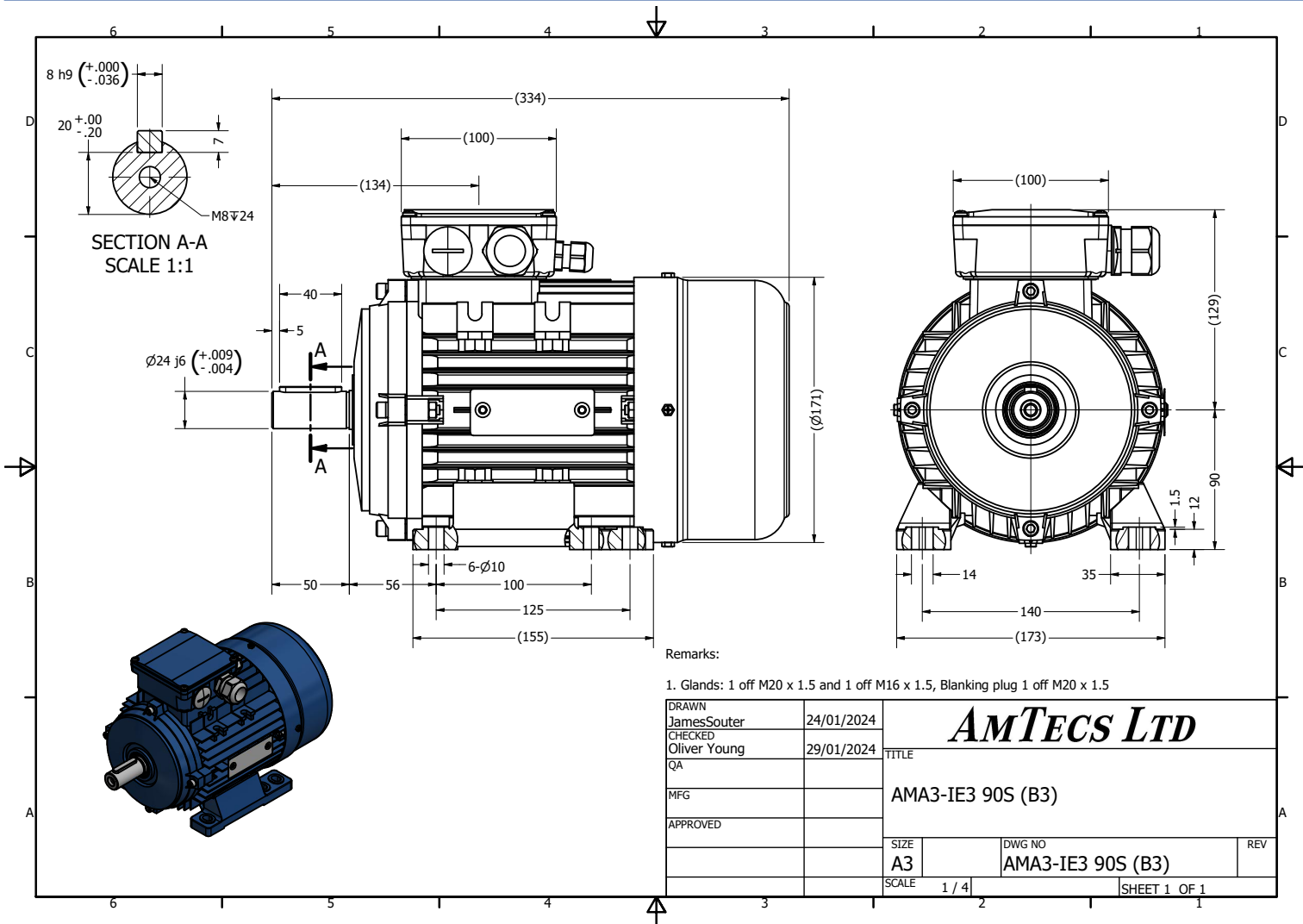


# AMA3-IE3 90S4 (B3)



|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMA3-IE3 90S4</b>            |
| Rated power       | <b>1.1 kW S1 Duty</b>           |
| Speed             | <b>1445 rpm</b>                 |
| Voltage           | <b>220V / 400V</b>              |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Delta / Star</b>             |
| Full load current | <b>4.32 A / 2.48 A</b>          |
| No-load current   |                                 |
| Enclosure         | <b>IP55</b>                     |
| Insulation class  | <b>F (temp. rise B)</b>         |
| Max. ambient temp | <b>40 °C</b>                    |
| Max. altitude     | <b>1000 mtr above sea level</b> |
| Comment           |                                 |
| Cable entry       | <b>M20 x 1.5</b>                |
| Construction      | <b>Aluminium</b>                |
| Weight            | <b>20 Kg</b>                    |
| Type number       |                                 |
| Warranty          |                                 |

|                           |                 |
|---------------------------|-----------------|
| Efficiency class          | <b>IE3</b>      |
| Load data                 | 100%            |
| Efficiency                | <b>84.1</b> %   |
| Power factor              | <b>0.76</b>     |
| Sound pressure level (1m) | <b>54</b> dB(A) |
| Resistance R20 (open)     |                 |
| Resistance R20 (Delta)    |                 |

|                             |             |    |
|-----------------------------|-------------|----|
| Full load torque            | <b>7.27</b> | Nm |
| Starting / Full load torque | <b>2.5</b>  |    |
| Pull up / Full load torque  |             |    |
| Pull out / Full load torque | <b>3</b>    |    |

|                                    |   |
|------------------------------------|---|
| Starting / Full load current (DOL) | 8 |
| Starting / Full load current (Y/D) |   |
| Rotor Inertia                      |   |
| Bearing DE                         | 6 |
| Bearing NDE                        | 6 |

|                                                                                                                                  |                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MM Engineering Services Ltd</b><br>Unit 32<br>Bradford Chamber Business Park<br>Bradford, BD4 8BX<br>Tel: +44 (0) 1274 288777 |                                                                                                                                                  |
|                                                                                                                                  | <a href="mailto:sales@mmengservices.co.uk">sales@mmengservices.co.uk</a><br><a href="http://www.mmengservices.co.uk">www.mmengservices.co.uk</a> |