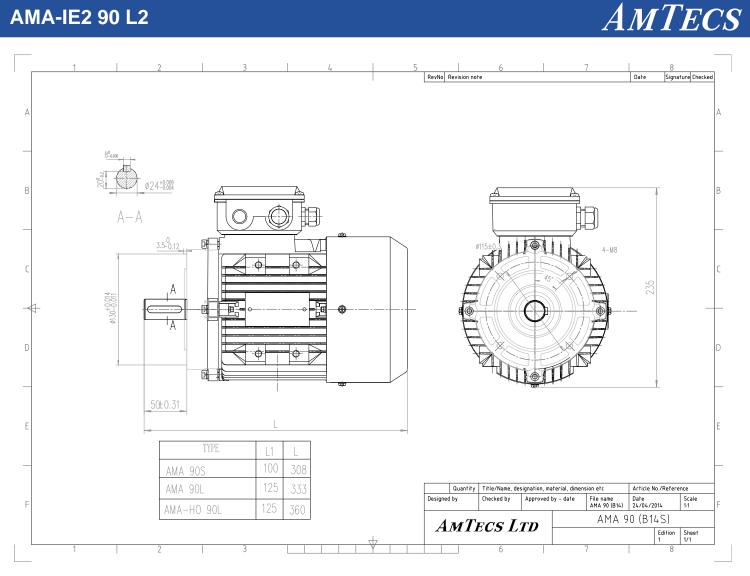
## AMA-IE2 90 L2



| Specification     | IEC 60034-1              | Efficiency class                   | IE2             |
|-------------------|--------------------------|------------------------------------|-----------------|
| Manufacturer      | AmTecs                   | Load data                          | 100%            |
| Motor type        | AMA-IE2 90 L2            | Efficiency                         | <b>83.2</b> %   |
| Rated power       | 2.2 kW S1 Duty           | Power factor                       | 0.85            |
| Speed             | <b>2890</b> rpm          | Sound pressure level (1m)          | <b>62</b> dB(A) |
| Voltage           | 220V / 400V              | Resistance R20 (open)              |                 |
| Frequency         | <b>50</b> Hz             | Resistance R20 (Delta)             |                 |
| Connection        | Delta / Star             |                                    |                 |
| Full load current | 7.76 A / 4.48 A          | Full load torque                   | <b>7.27</b> Nm  |
| No-load current   |                          | Starting / Full load torque        | 2.4             |
| Enclosure         | IP55                     | Pull up / Full load torque         |                 |
| Insulation class  | F (temp. rise B)         | Pull out / Full load torque        | 3               |
| Max. ambient temp | <b>40</b> °C             |                                    |                 |
| Max. altitude     | 1000 mtr above sea level |                                    |                 |
| Comment           |                          |                                    |                 |
| Cable entry       | M20 x 1.5                | Starting / Full load current (DOL) | 6.9             |
| Construction      | Aluminium                | Starting / Full load current (Y/D) |                 |
| Weight            | <b>22</b> Kg             | Rotor Inertia                      |                 |
| Type number       |                          | Bearing DE                         | 6205            |
| Warranty          |                          | Bearing NDE                        | 6205            |
|                   |                          |                                    |                 |