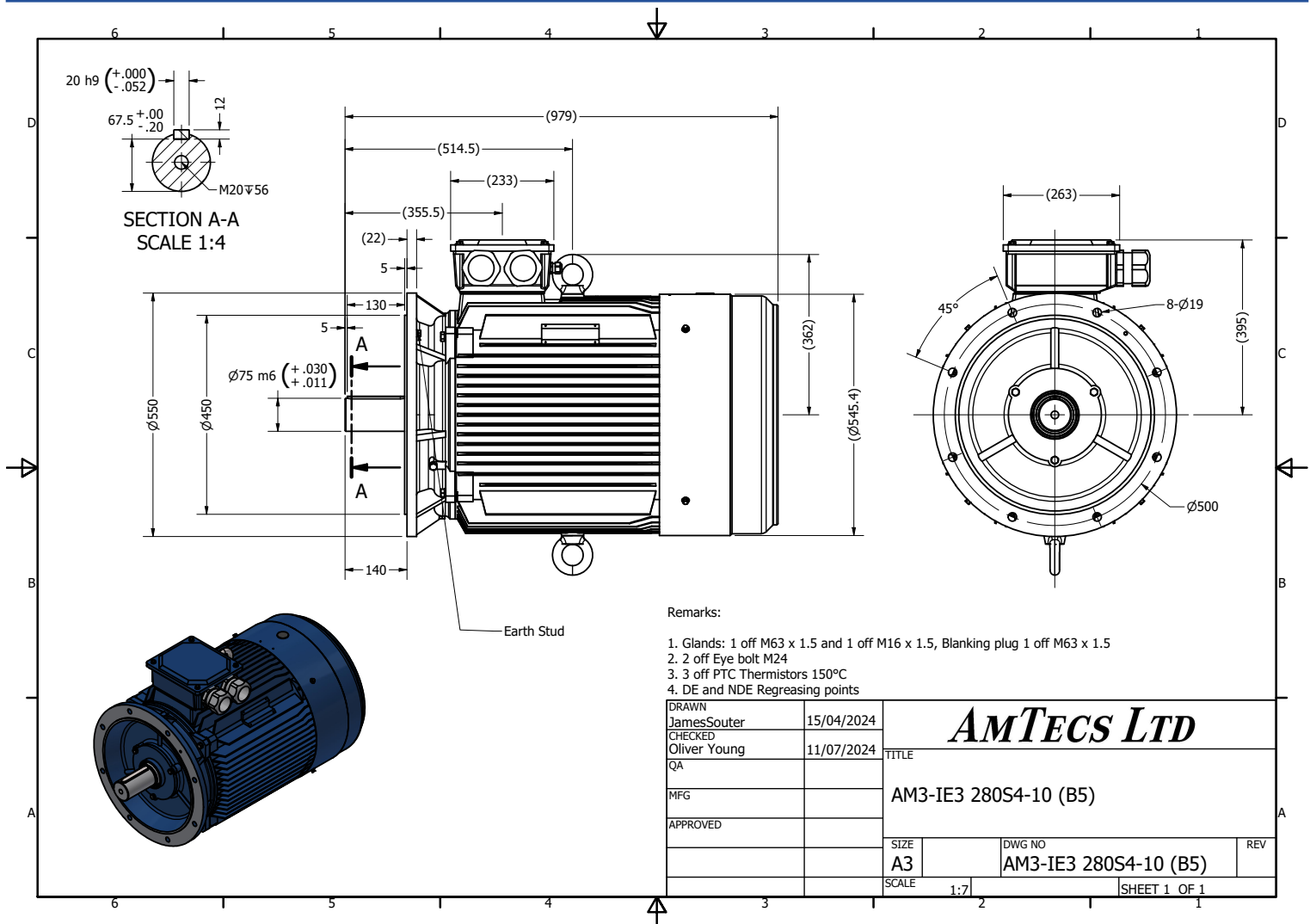


AM3-IE3 280S8 (B5)



|                   |                          |
|-------------------|--------------------------|
| Specification     | IEC 60034-1              |
| Manufacturer      | AmTecs                   |
| Motor type        | AM3-IE3 280S8            |
| Rated power       | 37 kW S1 Duty            |
| Speed             | 740 rpm                  |
| Voltage           | 400V / 690V              |
| Frequency         | 50 Hz                    |
| Connection        | Delta / Star             |
| Full load current | 73.6 A / 42.7 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       | M63 x 1.5                |
| Construction      | Cast Iron                |
| Weight            | 545 Kg                   |
| Type number       |                          |
| Warranty          |                          |

|                                    |          |
|------------------------------------|----------|
| Efficiency class                   | IE3      |
| Load data                          | 100%     |
| Efficiency                         | 91.8 %   |
| Power factor                       | 0.79     |
| Sound pressure level (1m)          | 76 dB(A) |
| Resistance R20 (open)              |          |
| Resistance R20 (Delta)             |          |
| Full load torque                   | 477.5 Nm |
| Starting / Full load torque        | 2.2      |
| Pull up / Full load torque         |          |
| Pull out / Full load torque        | 2.4      |
| Starting / Full load current (DOL) | 5.8      |
| Starting / Full load current (Y/D) |          |
| Rotor Inertia                      |          |
| Bearing DE                         | 6317     |
| Bearing NDE                        | 6314     |

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