



Remarks:

- Glands: 1 off M25 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M25 x 1.5
- 2 off 14mm Lifting Hooks (See detail B)

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|----------|--------------|------------|---------------------|---------------------|
| DRAWN | James Souter | 20/03/2024 | AMTECS LTD | |
| CHECKED | Oliver Young | 20/03/2024 | | |
| QA | | | TITLE | |
| MFG | | | AMA3-IE3 160M (B35) | |
| APPROVED | | | SIZE | DWG NO |
| | | | A3 | AMA3-IE3 160M (B35) |
| | | | SCALE | 1:6 |
| | | | | SHEET 1 OF 1 |

| | |
|-------------------|---------------------------------|
| Specification | IEC 60034-1 |
| Manufacturer | AmTecs |
| Motor type | AMA3-IE3 160MX6 |
| Rated power | 9 kW S1 Duty |
| Speed | 1164 rpm |
| Voltage | 480 / 820V |
| Frequency | 60 Hz |
| Connection | Delta / Star |
| Full load current | 16 A / 9.24 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 | M32 x 1.5 |
| Construction | Aluminium |
| Weight | 103 Kg |
| Type number | |
| Warranty | |

| | |
|------------------------------------|-----------------|
| Efficiency class | IE3 |
| Load data | 100% |
| Efficiency | 89.1 % |
| Power factor | 0.77 |
| Sound pressure level (1m) | 66 dB(A) |
| Resistance R20 (open) | |
| Resistance R20 (Delta) | |
| Full load torque | 73.8 Nm |
| Starting / Full load torque | 1.7 |
| Pull up / Full load torque | |
| Pull out / Full load torque | 2.5 |
| Starting / Full load current (DOL) | 6.3 |
| Starting / Full load current (Y/D) | |
| Rotor Inertia | |
| Bearing DE | 6309 |
| Bearing NDE | 6209 |

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