



Remarks:

- Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5
- Eye bolt M8

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|----------|--------------|------------|----------------------|----------------------|
| DRAWN | JamesSouter | 29/01/2024 | AMTECS LTD | |
| CHECKED | Oliver Young | 31/01/2024 | | |
| QA | | | AMA3-IE3 100L (B34S) | |
| MFG | | | SIZE | A3 |
| APPROVED | | | DWG NO | AMA3-IE3 100L (B34S) |
| | | | SCALE | 1 / 4 |
| | | | | SHEET 1 OF 1 |

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA3-IE3 100L2
Rated power 3 kW S1 Duty
Speed 2910 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 9.9 A / 5.71 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 30.5 Kg
Type number
Warranty

Efficiency class IE3
Load data 100%
Efficiency 87.1 %
Power factor 0.87
Sound pressure level (1m) 65 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 9.85 Nm
Starting / Full load torque 3.2
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 6206
Bearing NDE 6206

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