



This drawing serves only as a sketch to show dimensions.
The product delivered may differ. A detailed description of the product can be found below.

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|--------------------------|--------------|-----|
| AMTECS LTD | | |
| TITLE AM1 (B5) | | |
| SIZE | DWG NO | REV |
| SCALE 1 / 3.5 | SHEET 1 OF 1 | |

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AM4-IE4 225M2**
 Rated power **54 kW S1 Duty**
 Speed **3564 rpm**
 Voltage **480 / 820V**
 Frequency **60 Hz**
 Connection **Delta / Star**
 Full load current **76.8 A / 44.5 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 **M40 X 1.5**
 Construction **Cast Iron**
 Weight **326 Kg**
 Type number
 Warranty

Efficiency class **IE4**
 Load data **100%**
 Efficiency **95 %**
 Power factor **0.89**
 Sound pressure level (1m) **dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **144.7 Nm**
 Starting / Full load torque **2.5**
 Pull up / Full load torque
 Pull out / Full load torque **3.1**
 Starting / Full load current (DOL) **9.5**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6312**
 Bearing NDE **6312**

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