



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.

AMTECS LTD

TITLE: AM1 (B35)

SIZE: A3 DWG NO: REV:

SCALE: 1 / 3.5 SHEET 1 OF 1

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AM3-IE3 225M2**
 Rated power **54 kW S1 Duty**
 Speed **3564 rpm**
 Voltage **480 / 820V**
 Frequency **60 Hz**
 Connection **Delta / Star**
 Full load current **77.6 A / 45 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 **324 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **94 %**
 Power factor **0.89**
 Sound pressure level (1m) **91 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 **2.9**
 Starting / Full load current (DOL) **9.5**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6312**
 Bearing NDE **6312**

AmTecs Ltd	
Charnham Park, Hungerford Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk