



AMTECS LTD

TITLE: **AM1 (B5)**

SIZE: _____ DWG NO: _____ REV: _____

SCALE: 1 / 3.5 SHEET 1 OF 1

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.

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AM3-IE3 225M8**
 Rated power **22 kW S1 Duty**
 Speed **740 rpm**
 Voltage **400V / 690V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **44.9 A / 26 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 **312 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **90.6 %**
 Power factor **0.78**
 Sound pressure level (1m) **73 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **283.9 Nm**
 Starting / Full load torque **2.1**
 Pull up / Full load torque
 Pull out / Full load torque **2.6**
 Starting / Full load current (DOL) **6.7**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6313**
 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