



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 (B5)

SIZE _____ DWG NO _____ REV _____

SCALE 1 / 3.5 SHEET 1 OF 1

Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AM3-IE3 180M4**
 Rated power **18.5 kW S1 Duty**
 Speed **1465 rpm**
 Voltage **400V / 690V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **33.5 A / 19.4 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 **Cast Iron**
 Weight **182 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **92.6 %**
 Power factor **0.86**
 Sound pressure level (1m) **76 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **120.6 Nm**
 Starting / Full load torque **2.5**
 Pull up / Full load torque
 Pull out / Full load torque **3.4**
 Starting / Full load current (DOL) **7.8**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6311**
 Bearing NDE **6211**

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