



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 280S6**
 Rated power **45 kW S1 Duty**
 Speed **985 rpm**
 Voltage **400V / 690V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **80.6 A / 46.7 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 **M63 x 1.5**
 Construction **Cast Iron**
 Weight **499 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **93.7 %**
 Power factor **0.86**
 Sound pressure level (1m) **78 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **436.3 Nm**
 Starting / Full load torque **2**
 Pull up / Full load torque
 Pull out / Full load torque **2.3**
 Starting / Full load current (DOL) **6.5**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6317**
 Bearing NDE **6314**

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