



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 <b>AM1 (B5)</b>		
SIZE	DWG NO	REV
SCALE 1 / 3.5	SHEET 1 OF 1	

**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AM3-IE3 315M6**  
**Rated power 108 kW S1 Duty**  
**Speed 1182 rpm**  
**Voltage 480 / 820V**  
**Frequency 60 Hz**  
**Connection Delta / Star**  
**Full load current 159.2 A / 92.3 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 970 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE3**  
**Load data 100%**  
**Efficiency 94.9 %**  
**Power factor 0.86**  
**Sound pressure level (1m) 88 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 872.6 Nm**  
**Starting / Full load torque 1.9**  
**Pull up / Full load torque**  
**Pull out / Full load torque 2.2**  
**Starting / Full load current (DOL) 6.0**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE NU319**  
**Bearing NDE 6319**

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