



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 (B3)

SIZE	DWG NO	REV
	Outline AM1 (B3)	
SCALE		

Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AM1-IE2 90S2**  
 Rated power **1.5 kW S1 Duty**  
 Speed **2890 rpm**  
 Voltage **220V / 400V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **5.5 A / 3.16 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 **M20 x 1.5**  
 Construction **Cast Iron**  
 Weight **24 Kg**  
 Type number  
 Warranty

Efficiency class **IE2**  
 Load data **100%**  
 Efficiency **81.3 %**  
 Power factor **0.84**  
 Sound pressure level (1m) **62 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **4.96 Nm**  
 Starting / Full load torque **2.7**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.5**  
 Starting / Full load current (DOL) **7.1**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6205**  
 Bearing NDE **6205**

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