



**AMTECS LTD**

TITLE: AM1 (B35)

SIZE: A3 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 **AM1-IE2 180M2**  
 Rated power **22 kW S1 Duty**  
 Speed **2940 rpm**  
 Voltage **400V / 690V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **39.1 A / 22.7 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 **M32 x 1.5**  
 Construction **Cast Iron**  
 Weight **183 Kg**  
 Type number  
 Warranty

Efficiency class **IE2**  
 Load data **100%**  
 Efficiency **91.3 %**  
 Power factor **0.89**  
 Sound pressure level (1m) **83 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **71 Nm**  
 Starting / Full load torque **2.8**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.2**  
 Starting / Full load current (DOL) **7.8**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6211**  
 Bearing NDE **6211**

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