



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 (B35)**

SIZE: **A3** DWG NO: _____ REV: _____

SCALE: **1 / 3.5** SHEET **1** OF **1**

Specification **IEC 60034-1**

Manufacturer **AmTecs**

Motor type **AM3-IE3 280S2**

Rated power **90 kW S1 Duty**

Speed **3564 rpm**

Voltage **480 / 820V**

Frequency **60 Hz**

Connection **Delta / Star**

Full load current **128.4 A / 74.5 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 **575 Kg**

Type number

Warranty

Efficiency class **IE3**

Load data **100%**

Efficiency **94.7 %**

Power factor **0.89**

Sound pressure level (1m) **96 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **241.2 Nm**

Starting / Full load torque **2.5**

Pull up / Full load torque

Pull out / Full load torque **3.0**

Starting / Full load current (DOL) **8.3**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6314**

Bearing NDE **6314**

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