



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

SCALE
1 / 3.5

DWG NO

REV

SHEET 1 OF 1

Specification **IEC 60034-1**

Manufacturer **AmTecs**

Motor type **AM1-IE2 160L2**

Rated power **22.2 kW S1 Duty**

Speed **3524.4rpm**

Voltage **480 / 820V**

Frequency **60 Hz**

Connection **Delta / Star**

Full load current **33 A / 19.1 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 **135 Kg**

Type number

Warranty

Efficiency class **IE2**

Load data **100%**

Efficiency **90.9 %**

Power factor **0.89**

Sound pressure level (1m) **86 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **60 Nm**

Starting / Full load torque **2.3**

Pull up / Full load torque

Pull out / Full load torque **2.9**

Starting / Full load current (DOL) **8.1**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6209**

Bearing NDE **6209**

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