



AmTECS LTD

TITLE
AM1 (B35)

SIZE
A3

SCALE
1 / 3.5

DWG NO

REV

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 **AM4-IE4 280S4**

Rated power **75 kW S1 Duty**

Speed **1485 rpm**

Voltage **400V / 690V**

Frequency **50 Hz**

Connection **Delta / Star**

Full load current **129.6 A / 75.1 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 **M63 x 1.5**

Construction **Cast Iron**

Weight **622 Kg**

Type number

Warranty

Efficiency class **IE4**

Load data **100%**

Efficiency **96 %**

Power factor **0.87**

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

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **482.3 Nm**

Starting / Full load torque **2.5**

Pull up / Full load torque

Pull out / Full load torque **2.8**

Starting / Full load current (DOL) **8.5**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **6317**

Bearing NDE **6314**

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