



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 315S6**

Rated power **75 kW S1 Duty**

Speed **985 rpm**

Voltage **400V / 690V**

Frequency **50 Hz**

Connection **Delta / Star**

Full load current **133.1 A / 77.1 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 **864 Kg**

Type number

Warranty

Efficiency class **IE3**

Load data **100%**

Efficiency **94.6 %**

Power factor **0.86**

Sound pressure level (1m) **83 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque **727.2 Nm**

Starting / Full load torque **2**

Pull up / Full load torque

Pull out / Full load torque **2.3**

Starting / Full load current (DOL) **5.8**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE **NU319**

Bearing NDE **6319**

|  |                    |
|--|--------------------|
| <b>AmTecs Ltd</b>                                |                    |
| Charnham Park, Hungerford<br>Berkshire, RG17 0YT |                    |
| Tel: +44 (0) 1488 686970                         | sales@amtecs.co.uk |
| Fax: +44 (0) 1488 686968                         | www.amtecs.co.uk   |