



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 **AM3-IE3 280S4**
 Rated power **90 kW S1 Duty**
 Speed **1776 rpm**
 Voltage **480 / 820V**
 Frequency **60 Hz**
 Connection **Delta / Star**
 Full load current **129.5 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 **565 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **95 %**
 Power factor **0.88**
 Sound pressure level (1m) **85 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **484 Nm**
 Starting / Full load torque **2.5**
 Pull up / Full load torque
 Pull out / Full load torque **2.7**
 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