



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 **90 kW S1 Duty**  
 Speed **1782 rpm**  
 Voltage **480 / 820V**  
 Frequency **60 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 **2.7**  
 Starting / Full load current (DOL) **9.0**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6317**  
 Bearing NDE **6314**

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