



Specification **IEC 60034-1**
 Manufacturer **AmTecs**
 Motor type **AM1-IE3 280M2**
 Rated power **90 kW S1 Duty**
 Speed **2975 rpm**
 Voltage **400V / 690V**
 Frequency **50 Hz**
 Connection **Delta / Star**
 Full load current **153 A / 88.33 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 **596 Kg**
 Type number
 Warranty

Efficiency class **IE3**
 Load data **100%**
 Efficiency **95 %**
 Power factor **0.89**
 Sound pressure level (1m) **82 dB(A)**
 Resistance R20 (open)
 Resistance R20 (Delta)
 Full load torque **288.9 Nm**
 Starting / Full load torque **1.2**
 Pull up / Full load torque
 Pull out / Full load torque **2**
 Starting / Full load current (DOL) **7.4**
 Starting / Full load current (Y/D)
 Rotor Inertia
 Bearing DE **6314**
 Bearing NDE **6314**

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