



Specification **IEC 60034-1**
Manufacturer **AmTecs**
Motor type **AM3-IE3 280M2**
Rated power **90 kW S1 Duty**
Speed **2970 rpm**
Voltage **400V / 690V**
Frequency **50 Hz**
Connection **Delta / Star**
Full load current **153.6 A / 89.1 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 **600 Kg**
Type number
Warranty

Efficiency class **IE3**
Load data **100%**
Efficiency **95 %**
Power factor **0.89**
Sound pressure level (1m) **91 dB(A)**
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque **289.4 Nm**
Starting / Full load torque **2.6**
Pull up / Full load torque
Pull out / Full load torque **3**
Starting / Full load current (DOL) **7.5**
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE **6314**
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