



Specification      **IEC 60034-1**

Manufacturer      **AmTecs**

Motor type      **AM3-IE3 315M6**

Rated power      **108 kW S1 Duty**

Speed      **1182 rpm**

Voltage      **480 / 820V**

Frequency      **60 Hz**

Connection      **Delta / Star**

Full load current      **159.2 A / 92.3 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      **970 Kg**

Type number

Warranty

Efficiency class      **IE3**

Load data      **100%**

Efficiency      **94.9 %**

Power factor      **0.86**

Sound pressure level (1m)      **88 dB(A)**

Resistance R20 (open)

Resistance R20 (Delta)

Full load torque      **872.6 Nm**

Starting / Full load torque      **1.9**

Pull up / Full load torque

Pull out / Full load torque      **2.2**

Starting / Full load current (DOL)      **6.0**

Starting / Full load current (Y/D)

Rotor Inertia

Bearing DE      **NU319**

Bearing NDE      **6319**

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