



Specification **IEC 60034-1**
Manufacturer **AmTecs**
Motor type **AM1-IE2 100LX4**
Rated power **3.6 kW S1 Duty**
Speed **1368 rpm**
Voltage **277 / 480V**
Frequency **60 Hz**
Connection **Delta / Star**
Full load current **10.7 A / 6.2 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 **M20 x 1.5**
Construction **Cast Iron**
Weight **47 Kg**
Type number
Warranty

Efficiency class **IE2**
Load data **100%**
Efficiency **85.5 %**
Power factor **0.82**
Sound pressure level (1m) **61 dB(A)**
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque **20 Nm**
Starting / Full load torque **2.5**
Pull up / Full load torque
Pull out / Full load torque **3.2**
Starting / Full load current (DOL) **8.0**
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE **6206**
Bearing NDE **6206**

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