



Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AM3-IE3 80K2**  
 Rated power **0.9 kW S1 Duty**  
 Speed **3456 rpm**  
 Voltage **277 / 480V**  
 Frequency **60 Hz**  
 Connection **Delta / Star**  
 Full load current **2.79 A / 1.61 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 **20 Kg**  
 Type number  
 Warranty

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **80.7 %**  
 Power factor **0.83**  
 Sound pressure level (1m) **63 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **2.49 Nm**  
 Starting / Full load torque **1.8**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.4**  
 Starting / Full load current (DOL) **5.8**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6204**  
 Bearing NDE **6204**

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