



Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AMAS-R-IE2 80 G2**  
 Rated power **1.1 kW S1 Duty**  
 Speed **2850 rpm**  
 Voltage **220V**  
 Frequency **50 Hz**  
 Connection **Single Phase**  
 Full load current **6.13 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 **M20x1.5**  
 Construction **Aluminium**  
 Weight **11.2 Kg**  
 Type number  
 Warranty  
 Run Capacitor **30uf/450V**

Efficiency class **IE2**  
 Load data **100%**  
 Efficiency **79.6 %**  
 Power factor **0.98**  
 Sound pressure level (1m) **75 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **3.69 Nm**  
 Starting / Full load torque **0.4**  
 Pull up / Full load torque  
 Pull out / Full load torque **1.9**

Starting / Full load current (DOL)  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6204**  
 Bearing NDE **6204**

Protection Device **Thermal Reset Switch**

|  |                    |
|--|--------------------|
| <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   |