



| Quantity | Title/Name, designation, material, dimension etc | | | Article No./Reference | |
|-------------------|--|--------------------|--------------------------|-----------------------|--------------|
| Designed by | Checked by | Approved by - date | File name AMA 90 (B3) | Date 24/04/2014 | Scale 1:1 |
| AMTECS LTD | | | AMA 80 (B3) | | |
| Edition 1 | | | | Sheet 1/1 | |

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AMA 80 K6
Rated power 0.37 kW S1 Duty
Speed 915 rpm
Voltage 220V / 400V
Frequency 50 Hz
Connection Delta / Star
Full load current 2.14 A / 1.23 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 Aluminium
Weight 8.8 Kg
Type number
Warranty

Efficiency class IE1
Load data 100%
Efficiency 62 %
Power factor 0.7
Sound pressure level (1m) 49 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 3.86 Nm
Starting / Full load torque 1.9
Pull up / Full load torque
Pull out / Full load torque 2
Starting / Full load current (DOL) 4.7
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6204
Bearing NDE 6204