



Quantity				Title/Name, designation, material, dimension etc		Article No./Reference	
Designed by	Checked by	Approved by - date	File name	Date	Scale	Edition	
<b>AMTECS LTD</b>				<b>AMA 160 (B14)</b>		1	1/1

**Specification** IEC 60034-1  
**Manufacturer** AmTecs  
**Motor type** AMA-IE2 160 L2  
**Rated power** 18.5 kW S1 Duty  
**Speed** 2937 rpm  
**Voltage** 400V / 690V  
**Frequency** 50 Hz  
**Connection** Delta / Star  
**Full load current** 33 A / 19.05 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** M32 x 1.5  
**Construction** Aluminium  
**Weight** 115 Kg  
**Type number**  
**Warranty**

**Efficiency class** IE2  
**Load data** 100%  
**Efficiency** 90.9 %  
**Power factor** 0.89  
**Sound pressure level (1m)** 71 dB(A)  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque** 60.15Nm  
**Starting / Full load torque** 2.3  
**Pull up / Full load torque**  
**Pull out / Full load torque** 3.1  
**Starting / Full load current (DOL)** 7.4  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE** 6209  
**Bearing NDE** 6209

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