



This drawing serves only as a sketch to show dimensions.  
The product delivered may differ. A detailed description of the product can be found below.

<b>AMTECS LTD</b>		
TITLE		
AMA (B3)		
SIZE	DWG NO	REV
SHEET 1 OF 1		

Specification	<b>IEC 60034-1</b>
Manufacturer	<b>AmTecs</b>
Motor type	<b>AMAB-IE3 112M4</b>
Rated power	<b>4.8 kW S1 Duty</b>
Speed	<b>1746 rpm</b>
Voltage	<b>480 / 820V</b>
Frequency	<b>60 Hz</b>
Connection	<b>Delta / Star</b>
Full load current	<b>7.95 A / 4.61 A</b>
No-load current	
Enclosure	<b>IP55</b>
Insulation class	<b>F (temp. rise B)</b>
Max. ambient temp	<b>40 °C</b>
Max. altitude	<b>1000 mtr above sea level</b>
Comment	
Cable entry	<b>M25 x 1.5</b>
Construction	<b>Aluminium</b>
Weight	<b>51 Kg</b>
Type number	
Warranty	
Brake Torque	<b>40 (Nm)</b>
Brake Response	<b>0.48 (ms)</b>
Brake Power	<b>75 (W)</b>
Brake Voltage	<b>170</b>

Efficiency class	<b>IE3</b>
Load data	<b>100%</b>
Efficiency	<b>88.6 %</b>
Power factor	<b>0.82</b>
Sound pressure level (1m)	<b>80 dB(A)</b>
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	<b>26.3 Nm</b>
Starting / Full load torque	<b>2.2</b>
Pull up / Full load torque	
Pull out / Full load torque	<b>2.3</b>

Starting / Full load current (DOL)	<b>8.3</b>
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	<b>6306</b>
Bearing NDE	<b>6306</b>

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