



Remarks:

1. Glands: 1 off M25 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M25 x 1.5
2. 2 off 14mm Lifting Hooks (See detail B)

DRAWN	JamesSouter	19/03/2024	<b>AMTECS LTD</b>	
CHECKED	Oliver Young	20/03/2024		
QA			TITLE	
MFG			AMA3-IE3 160L (B5)	
APPROVED			SIZE	DWG NO
			A3	AMA3-IE3 160L (B5)
			SCALE	1:6
				SHEET 1 OF 1

Specification	<b>IEC 60034-1</b>
Manufacturer	<b>AmTecs</b>
Motor type	<b>AMA3-IE3 160L4</b>
Rated power	<b>18 kW S1 Duty</b>
Speed	<b>1758 rpm</b>
Voltage	<b>480 / 820V</b>
Frequency	<b>60 Hz</b>
Connection	<b>Delta / Star</b>
Full load current	<b>28.6 A / 16.51 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>M32 x 1.5</b>
Construction	<b>Aluminium</b>
Weight	<b>117 Kg</b>
Type number	
Warranty	

Efficiency class	<b>IE3</b>
Load data	<b>100%</b>
Efficiency	<b>92.1 %</b>
Power factor	<b>0.82</b>
Sound pressure level (1m)	<b>68 dB(A)</b>
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	<b>97.8 Nm</b>
Starting / Full load torque	<b>1.8</b>
Pull up / Full load torque	
Pull out / Full load torque	<b>2.4</b>
Starting / Full load current (DOL)	<b>7.2</b>
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	<b>6309</b>
Bearing NDE	<b>6209</b>

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