



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	AMTECS LTD	
CHECKED	Oliver Young	20/03/2024		
QA			TITLE	
MFG			AMA3-IE3 160M (B3)	
APPROVED			SIZE	DWG NO
			A3	AMA3-IE3 160M (B3)
			SCALE	1:6
				SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 160MX6
Rated power	7.5 kW S1 Duty
Speed	970 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	16 A / 9.24 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	103 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	89.1 %
Power factor	0.77
Sound pressure level (1m)	61 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	73.8 Nm
Starting / Full load torque	1.7
Pull up / Full load torque	
Pull out / Full load torque	2.5
Starting / Full load current (DOL)	5.9
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6309
Bearing NDE	6209

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