



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 James Souter	19/03/2024	AMTECS LTD	
CHECKED Oliver Young	20/03/2024		
QA		TITLE	
MFG		AMA3-IE3 160L (B35)	
APPROVED		SIZE A3	DWG NO AMA3-IE3 160L (B35)
		SCALE 1:6	REV
			SHEET 1 OF 1

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

Efficiency class	IE3
Load data	100%
Efficiency	92.1 %
Power factor	0.82
Sound pressure level (1m)	68 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	97.8 Nm
Starting / Full load torque	1.8
Pull up / Full load torque	
Pull out / Full load torque	2.4

Starting / Full load current (DOL)	7.2
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6309
Bearing NDE	6209

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