



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

Specification	IEC 60034-1	Efficiency class	IE3
Manufacturer	AmTecs	Load data	100%
Motor type	AMA3-IE3 160M2	Efficiency	91.2 %
Rated power	13.2 kW S1 Duty	Power factor	0.89
Speed	3534 rpm	Sound pressure level (1m)	76 dB(A)
Voltage	480 / 820V	Resistance R20 (open)	
Frequency	60 Hz	Resistance R20 (Delta)	
Connection	Delta / Star	Full load torque	35.7 Nm
Full load current	19.6 A / 11.3 A	Starting / Full load torque	2.2
No-load current		Pull up / Full load torque	
Enclosure	IP55	Pull out / Full load torque	3.5
Insulation class	F (temp. rise B)	Starting / Full load current (DOL)	9.3
Max. ambient temp	40 °C	Starting / Full load current (Y/D)	
Max. altitude	1000 mtr above sea level	Rotor Inertia	
Comment		Bearing DE	6209
Cable entry	M32 x 1.5	Bearing NDE	6209
Construction	Aluminium		
Weight	99 Kg		
Type number			
Warranty			

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