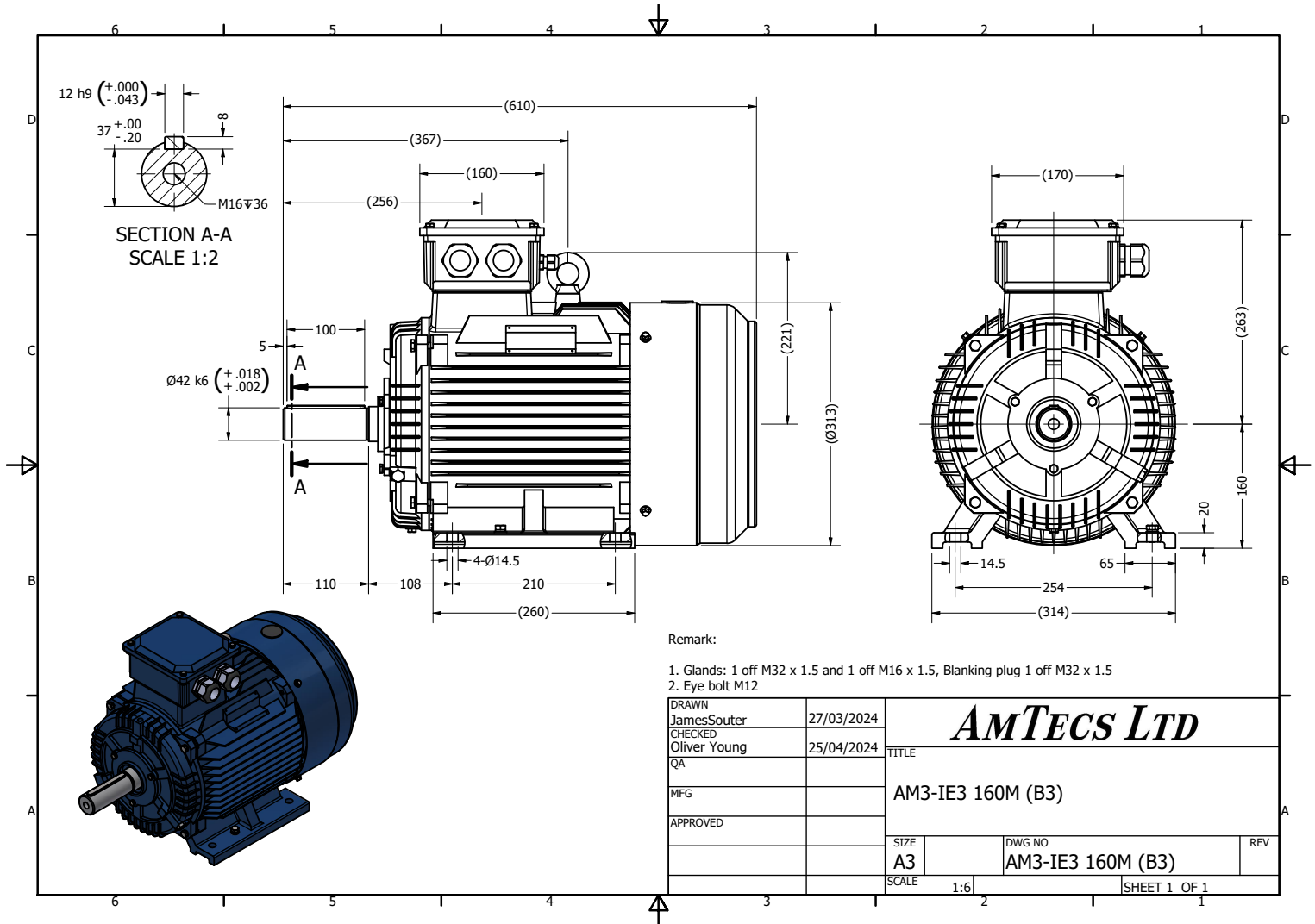




Remark:

1. Glands: 1 off M32 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M32 x 1.5
2. Eye bolt M12

DRAWN	JamesSouter	27/03/2024	AMTECS LTD	
CHECKED	Oliver Young	25/04/2024		
QA			TITLE	
MFG			AM3-IE3 160M (B3)	
APPROVED			REV	
			SIZE	DWG NO
			A3	AM3-IE3 160M (B3)
			SCALE	1:6
				SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 160MX8
Rated power	5.5 kW S1 Duty
Speed	720 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	12.4 A / 7.2 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	Cast Iron
Weight	130 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100% 75% 50% 25%
Efficiency	86.2% 86.5% 84.4%
Power factor	0.74
Sound pressure level (1m)	68 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	73 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	2.8
Starting / Full load current (DOL)	6
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6309
Bearing NDE	6209

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