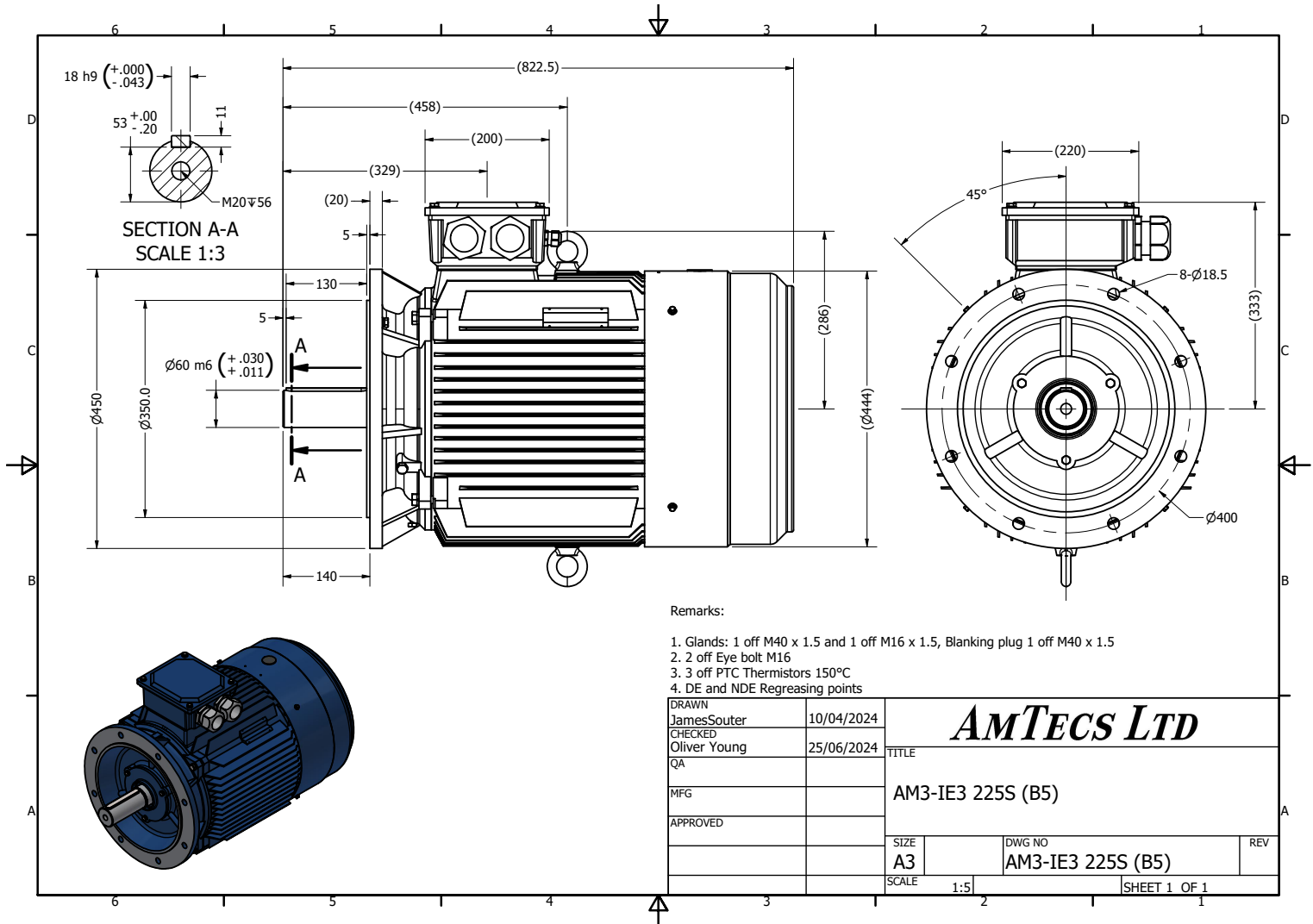




Remarks:

1. Glands: 1 off M40 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M40 x 1.5
2. 2 off Eye bolt M16
3. 3 off PTC Thermistors 150°C
4. DE and NDE Regreasing points

DRAWN	JamesSouter	10/04/2024	AMTECS LTD	
CHECKED	Oliver Young	25/06/2024		
QA			TITLE	
MFG			AM3-IE3 225S (B5)	
APPROVED			REV	
			SIZE	DWG NO
			A3	AM3-IE3 225S (B5)
			SCALE	1:5
				SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 225S4
Rated power	37 kW S1 Duty
Speed	1480 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	66.1 A / 38.3 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	M40 x 1.5
Construction	Cast Iron
Weight	308 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100% 75% 50% 25%
Efficiency	93.9% 93.9% 92%
Power factor	0.86
Sound pressure level (1m)	78 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	238.8 Nm
Starting / Full load torque	2.6
Pull up / Full load torque	
Pull out / Full load torque	3.2
Starting / Full load current (DOL)	8.5
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6313
Bearing NDE	6312

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