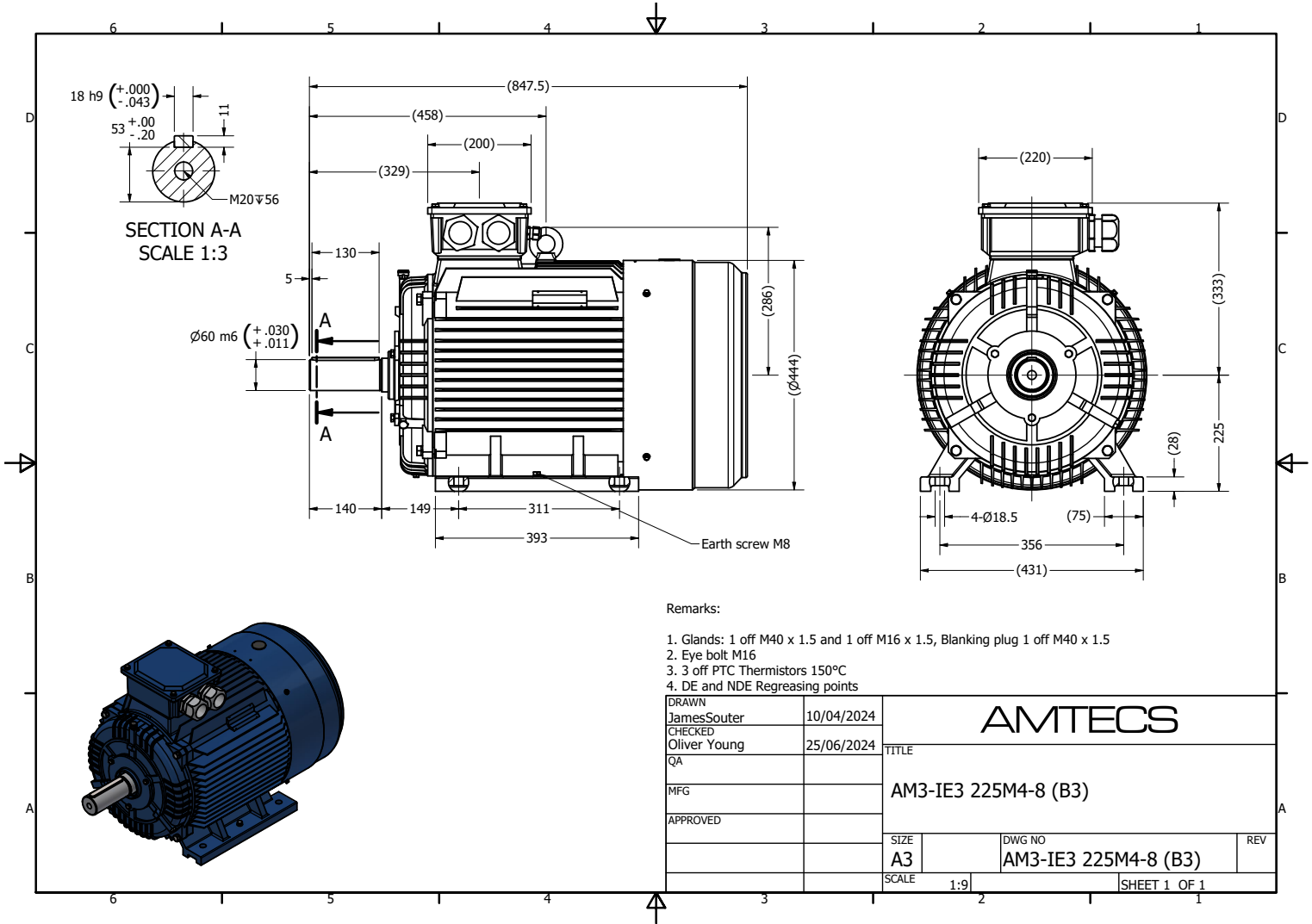




Remarks:

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

DRAWN	JamesSouter	10/04/2024	AMTECS	
CHECKED	Oliver Young	25/06/2024	TITLE	
QA			AM3-IE3 225M4-8 (B3)	
MFG			SIZE	
APPROVED			DWG NO	
			A3	
			SCALE	
			1:9	
			SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 225M8
Rated power	22 kW S1 Duty
Speed	740 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	44.9 A / 26 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	312 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100% 75% 50% 25%
Efficiency	90.6% 90.9% 88.8%
Power factor	0.78
Sound pressure level (1m)	73 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	283.9 Nm
Starting / Full load torque	2.1
Pull up / Full load torque	
Pull out / Full load torque	2.6
Starting / Full load current (DOL)	6.7
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6313
Bearing NDE	6312

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