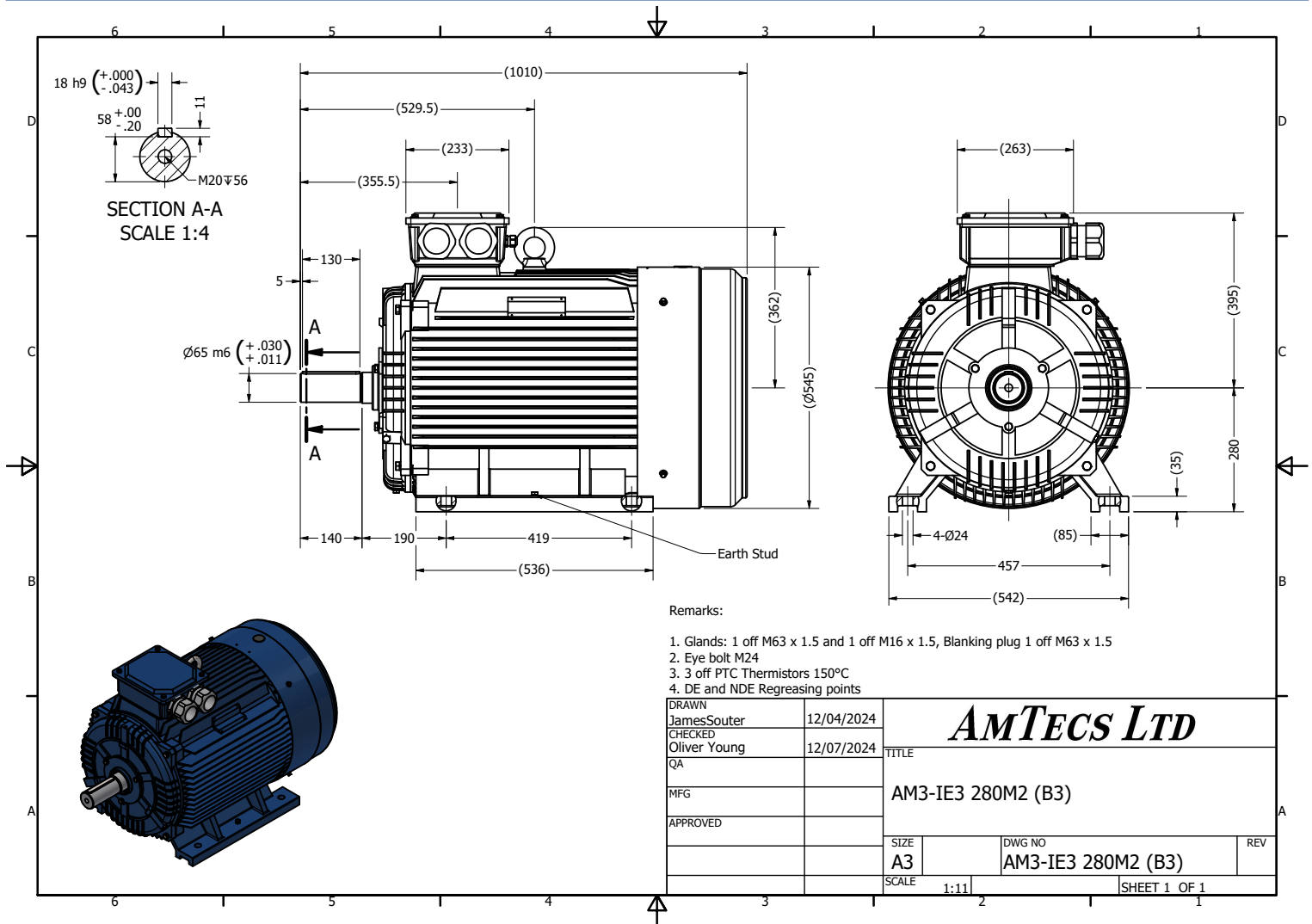


AM3-IE3 280M2 (B3)



- Remarks:
- 1. Glands: 1 off M63 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M63 x 1.5
 - 2. Eye bolt M24
 - 3. 3 off PTC Thermistors 150°C
 - 4. DE and NDE Regreasing points

DRAWN	JamesSouter	12/04/2024	AMTECS LTD	
CHECKED	Oliver Young	12/07/2024		
QA			TITLE	
MFG			AM3-IE3 280M2 (B3)	
APPROVED			REV	
			SIZE	DWG NO
			A3	AM3-IE3 280M2 (B3)
			SCALE	1:11
				SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 280M2
Rated power	90 kW S1 Duty
Speed	2970 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	153.6 A / 89.1 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	M63 x 1.5
Construction	Cast Iron
Weight	600 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	95 %
Power factor	0.89
Sound pressure level (1m)	91 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	289.4 Nm
Starting / Full load torque	2.6
Pull up / Full load torque	
Pull out / Full load torque	3
Starting / Full load current (DOL)	7.5
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6314
Bearing NDE	6314

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