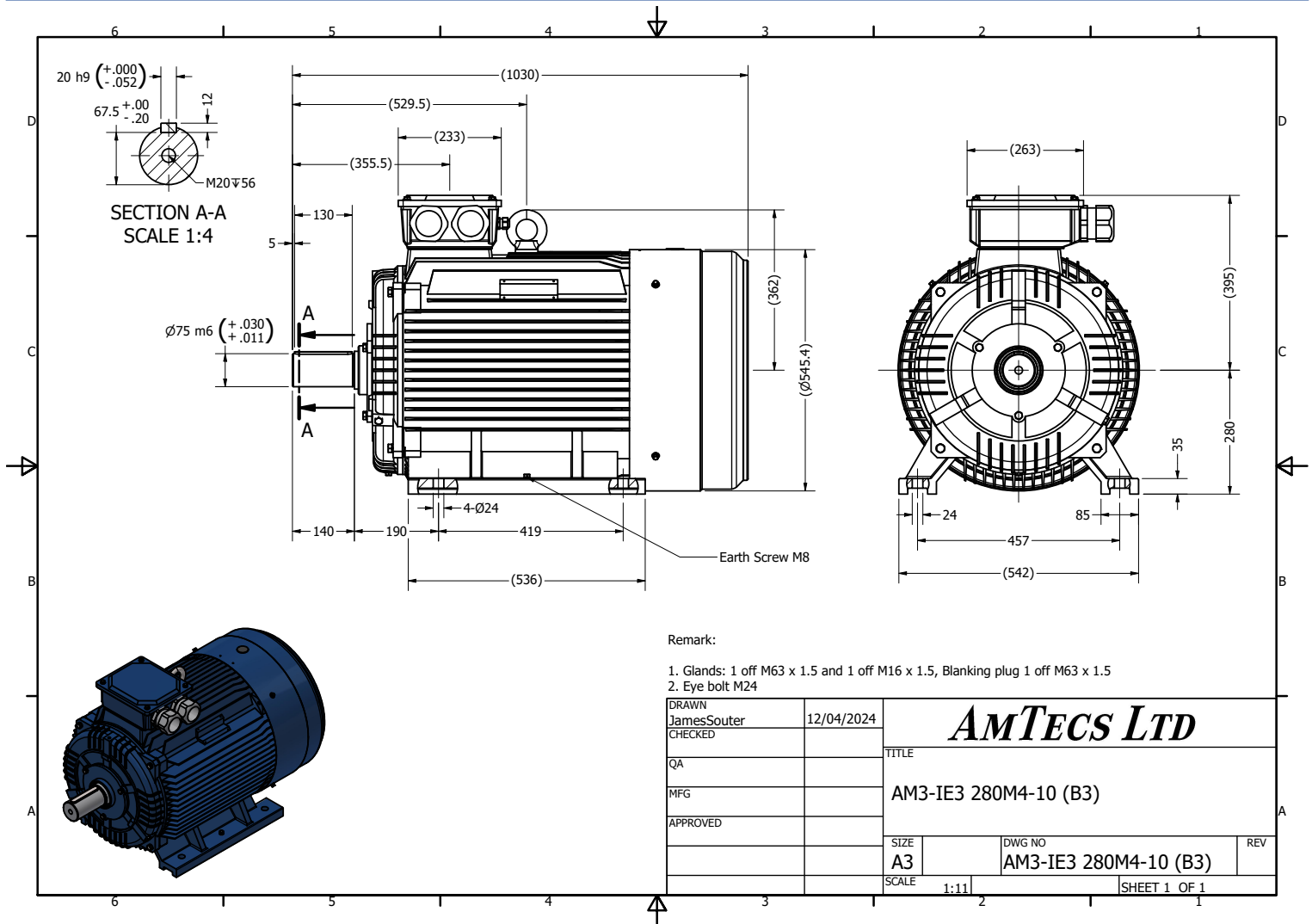


AM3-IE3 280M6 (B3)



Remark:

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

DRAWN JamesSouter	12/04/2024	AMTECS LTD		
CHECKED		TITLE		
QA		AM3-IE3 280M4-10 (B3)		
MFG				
APPROVED				
		SIZE A3	DWG NO AM3-IE3 280M4-10 (B3)	REV
		SCALE 1:11	SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 280M6
Rated power	55 kW S1 Duty
Speed	985 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	98.1 A / 56.9 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	576 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	94.1 %
Power factor	0.86
Sound pressure level (1m)	78 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	533.2 Nm
Starting / Full load torque	2
Pull up / Full load torque	
Pull out / Full load torque	2.3

Starting / Full load current (DOL)	6
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6317
Bearing NDE	6314

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