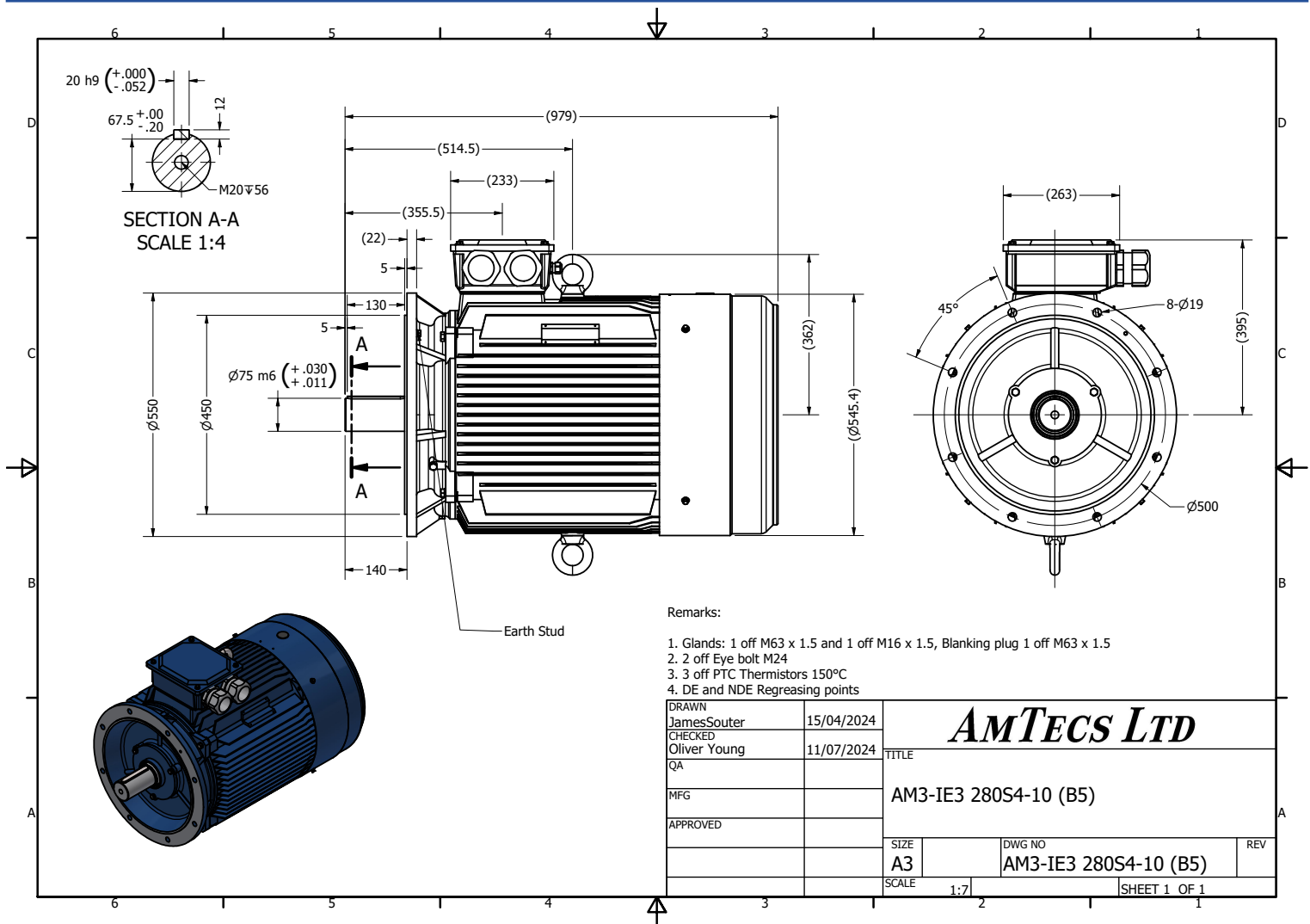


AM3-IE3 280S6 (B5)



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. 2 off Eye bolt M24
- 3. 3 off PTC Thermistors 150°C
- 4. DE and NDE Regreasing points

DRAWN	JamesSouter	15/04/2024	AMTECS LTD	
CHECKED	Oliver Young	11/07/2024		
QA			TITLE	
MFG			AM3-IE3 280S4-10 (B5)	
APPROVED			REV	
SIZE		A3	DWG NO	AM3-IE3 280S4-10 (B5)
SCALE		1:7	SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 280S6
Rated power	45 kW S1 Duty
Speed	985 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	80.6 A / 46.7 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	499 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	93.7 %
Power factor	0.86
Sound pressure level (1m)	78 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	436.3 Nm
Starting / Full load torque	2
Pull up / Full load torque	
Pull out / Full load torque	2.3

Starting / Full load current (DOL)	6.5
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6317
Bearing NDE	6314

MM Engineering Services Ltd	
Unit 32	
Bradford Chamber Business Park	
Bradford, BD4 8BX	sales@mmengservices.co.uk
Tel: +44 (0) 1274 288777	www.mmengservices.co.uk