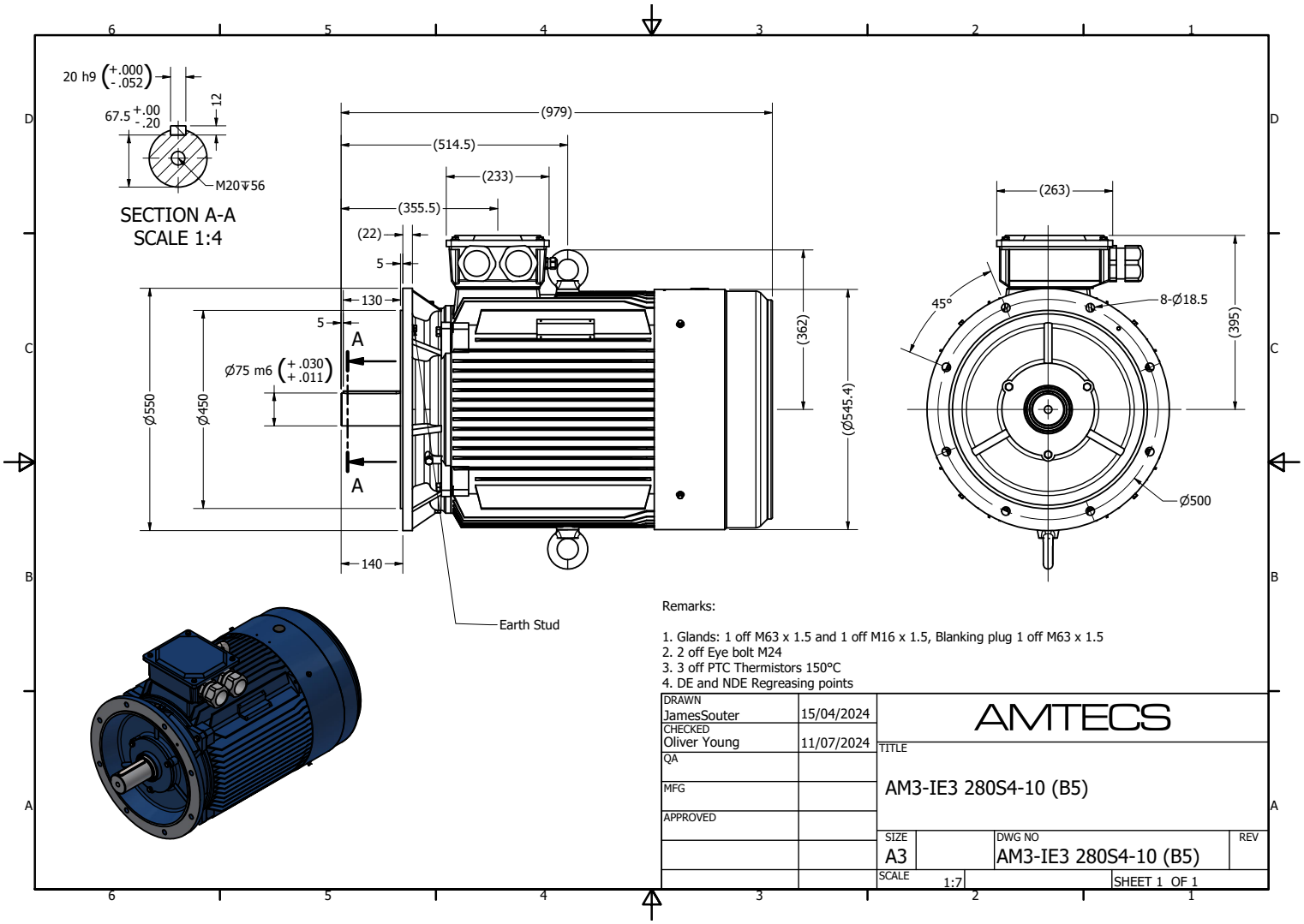
AM3-IE3 280S8 (B5)

AMTECS



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
CHECKED	Oliver Young	11/07/2024
QA		
MFG		
APPROVED		

AMTECS

TITLE: AM3-IE3 280S4-10 (B5)

SIZE A3 | DWG NO AM3-IE3 280S4-10 (B5) | REV

SCALE 1:7 | SHEET 1 OF 1

Specification	**IEC 60034-1**		Efficiency class	**IE3**
Manufacturer	**AmTecs**		Load data	100% 75% 50% 25%
Motor type	**AM3-IE3 280S8**		Efficiency	**91.8% 92.1% 90%**
Rated power	**37** kW	**S1** Duty	Power factor	**0.79**
Speed	**740** rpm		Sound pressure level (1m)	**76** dB(A)
Voltage	**400V / 690V**		Resistance R20 (open)	
Frequency	**50** Hz		Resistance R20 (Delta)	
Connection	**Delta / Star**			
Full load current	**73.6 A / 42.7 A**		Full load torque	**477.5** Nm
No-load current			Starting / Full load torque	**2.2**
Enclosure	**IP55**		Pull up / Full load torque	
Insulation class	**F (temp. rise B)**		Pull out / Full load torque	**2.4**
Max. ambient temp	**40** °C			
Max. altitude	**1000** mtr above sea level			
Comment				
Cable entry	**M63 x 1.5**		Starting / Full load current (DOL)	**5.8**
Construction	**Cast Iron**		Starting / Full load current (Y/D)	
Weight	**545** Kg		Rotor Inertia	
Type number			Bearing DE	**6317**
Warranty			Bearing NDE	**6314**

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