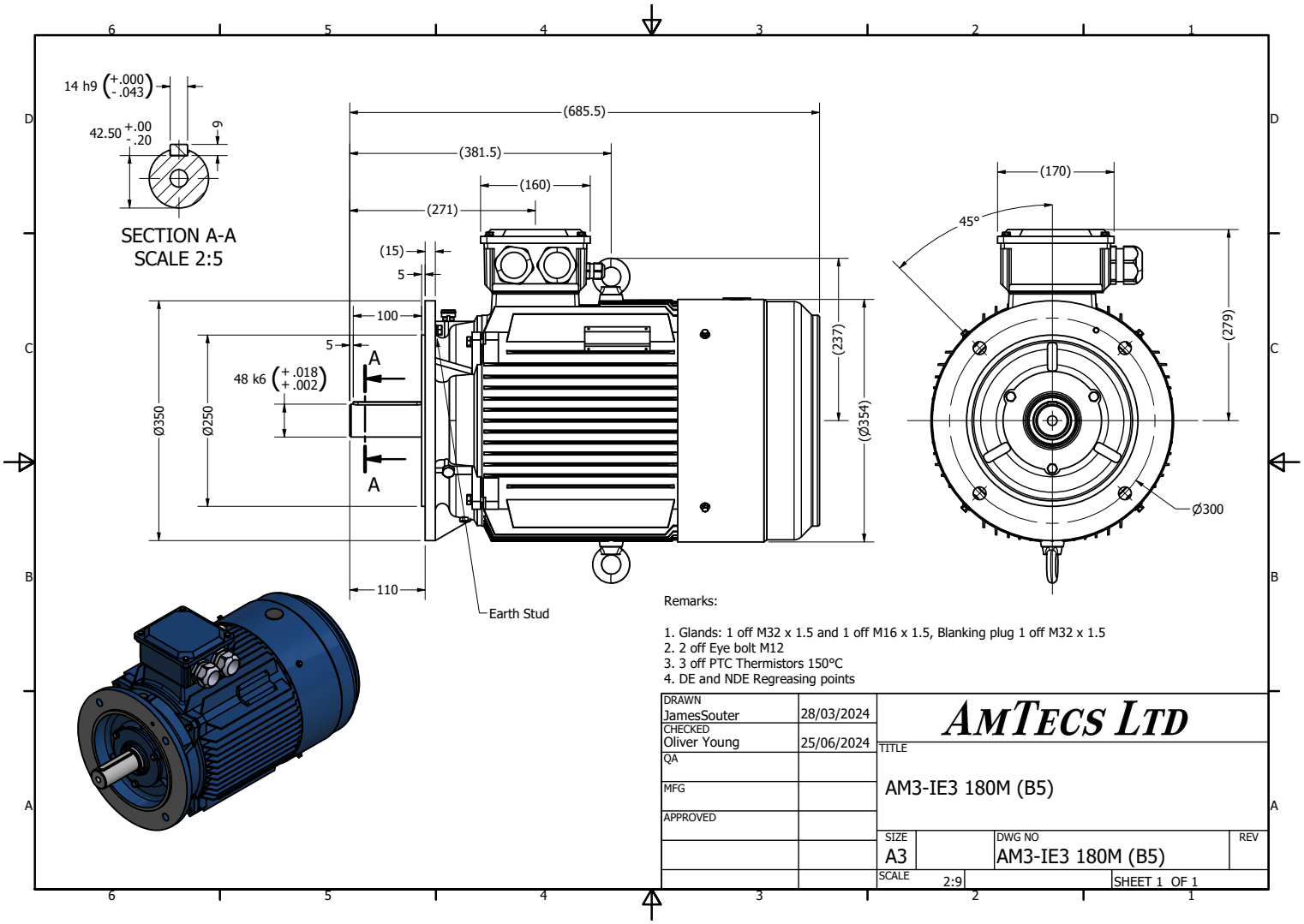
AM3-IE3 180M4 (B5)

AMTECS



Specification	**IEC 60034-1**	Efficiency class	**IE3**
Manufacturer	**AmTecs**	Load data	100% 75% 50% 25%
Motor type	**AM3-IE3 180M4**	Efficiency	**92.6% 92.8% 91%**
Rated power	**18.5** kW **S1** Duty	Power factor	**0.86**
Speed	**1465** 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	**33.5 A / 19.4 A**	Full load torque	**120.6** Nm
No-load current		Starting / Full load torque	**2.5**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**3.4**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M32 x 1.5**	Starting / Full load current (DOL)	**7.8**
Construction	**Cast Iron**	Starting / Full load current (Y/D)	
Weight	**182** Kg	Rotor Inertia	
Type number		Bearing DE	**6311**
Warranty		Bearing NDE	**6211**

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