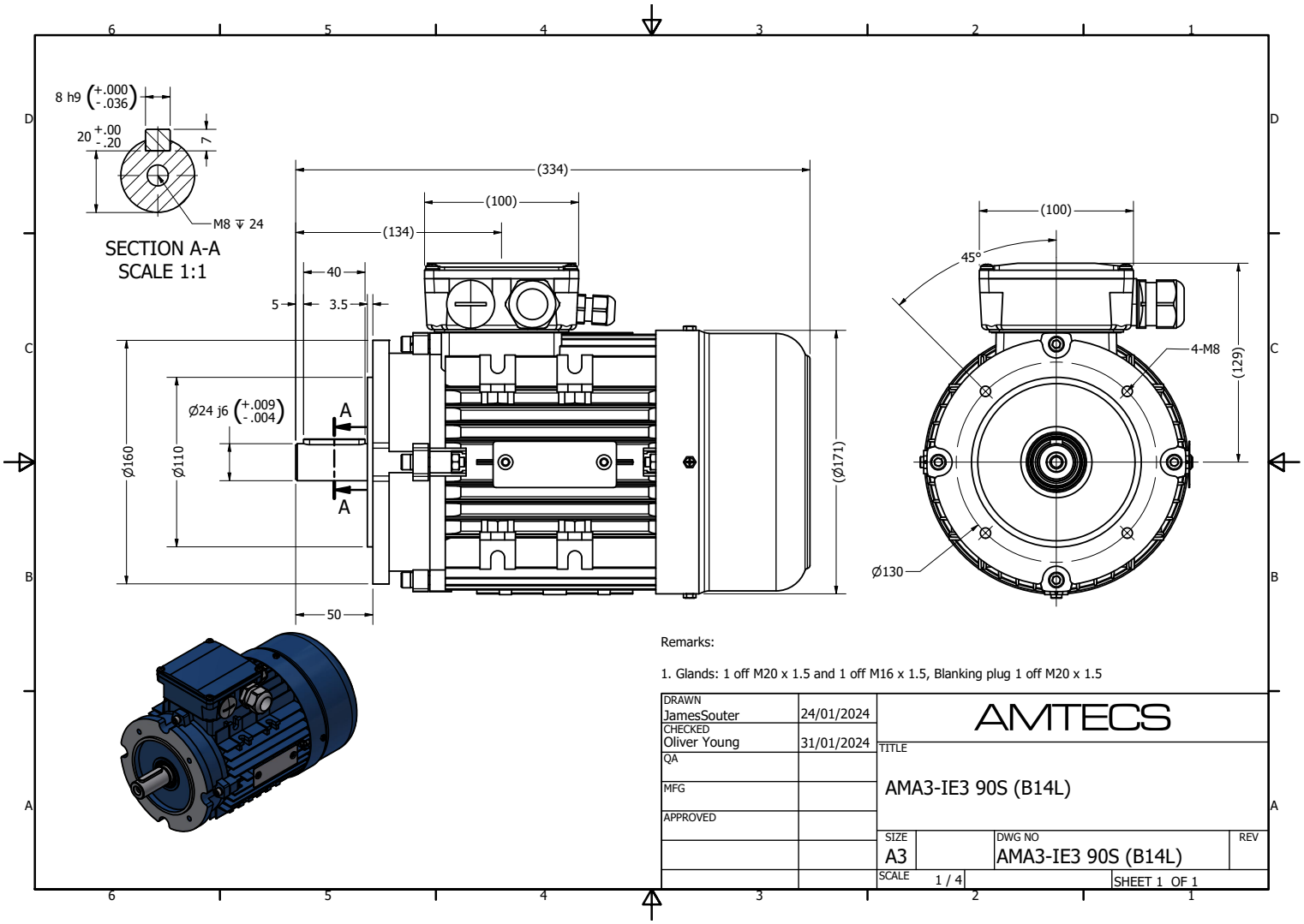
AMA3-IE3 90S4 (B14L)

AMTECS



Specification	**IEC 60034-1**	Efficiency class	**IE3**
Manufacturer	**AmTecs**	Load data	100% 75% 50% 25%
Motor type	**AMA3-IE3 90S4**	Efficiency	**84.1%**
Rated power	**1.1** kW **S1** Duty	Power factor	**0.76**
Speed	**1445** rpm	Sound pressure level (1m)	**54** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**4.32 A / 2.48 A**	Full load torque	**7.27** 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**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**8**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**20** Kg	Rotor Inertia	
Type number		Bearing DE	**6205**
Warranty		Bearing NDE	**6205**

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