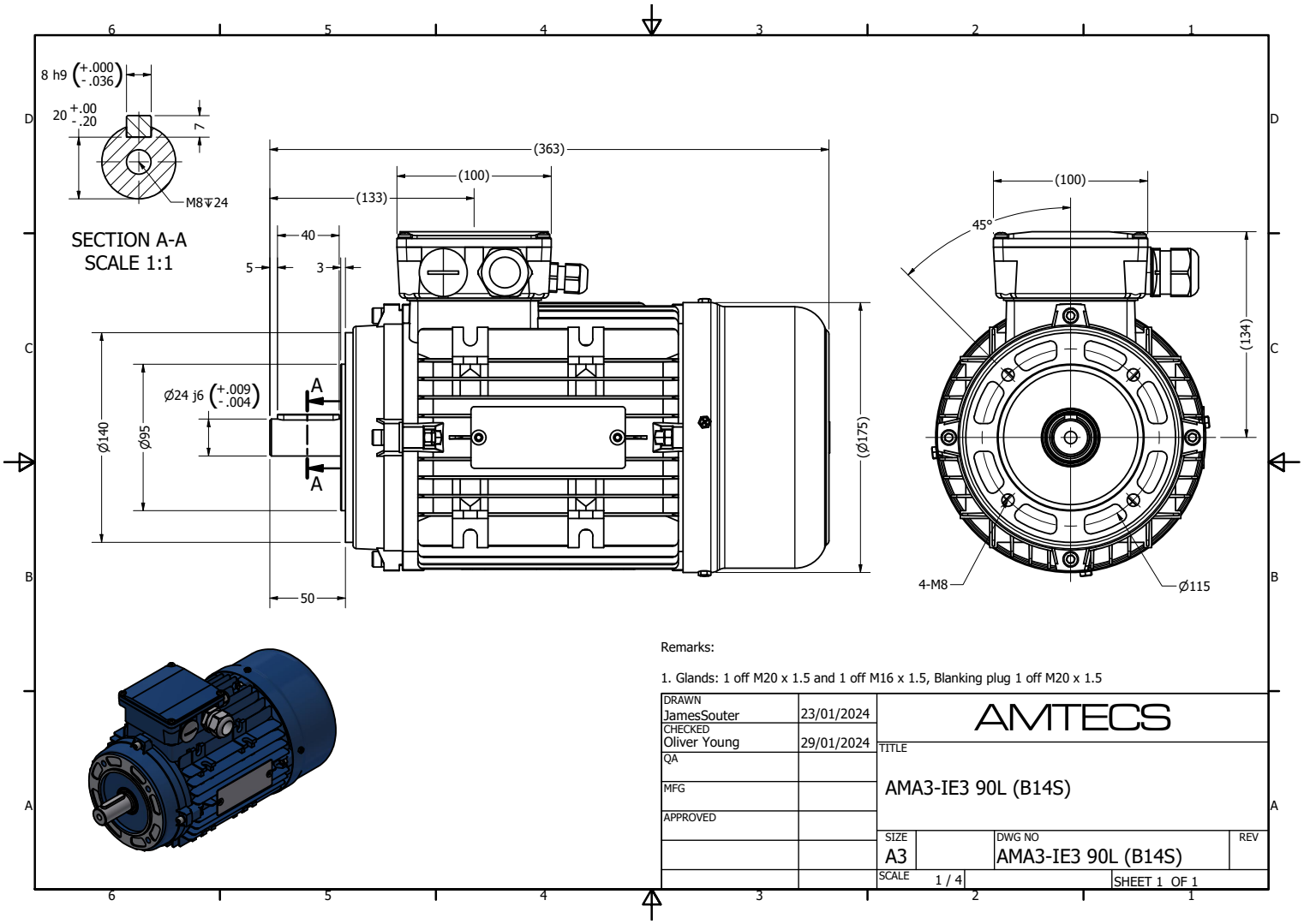
AMA3-IE3 90L6 (B14S)

AMTECS



Remarks:

1. Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5

DRAWN	JamesSouter	23/01/2024	AMTECS
CHECKED	Oliver Young	29/01/2024	TITLE: AMA3-IE3 90L (B14S)
QA			
MFG			
APPROVED			
SIZE: A3		DWG NO: AMA3-IE3 90L (B14S)	REV
SCALE: 1 / 4		SHEET 1 OF 1	

Specification	**IEC 60034-1**	Efficiency class		**IE3**
Manufacturer	**AmTecs**	Load data	100% 75% 50% 25%	
Motor type	**AMA3-IE3 90L6**	Efficiency	**81%**	
Rated power	**1.1** kW **S1** Duty	Power factor		**0.73**
Speed	**955** rpm	Sound pressure level (1m)		**51** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)		
Frequency	**50** Hz	Resistance R20 (Delta)		
Connection	**Delta / Star**			
Full load current	**4.67 A / 2.69 A**	Full load torque		**11** Nm
No-load current		Starting / Full load torque		**2.6**
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)		**6**
Construction	**Aluminium**	Starting / Full load current (Y/D)		
Weight	**22.5** Kg	Rotor Inertia		
Type number		Bearing DE		**6205**
Warranty		Bearing NDE		**6205**

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