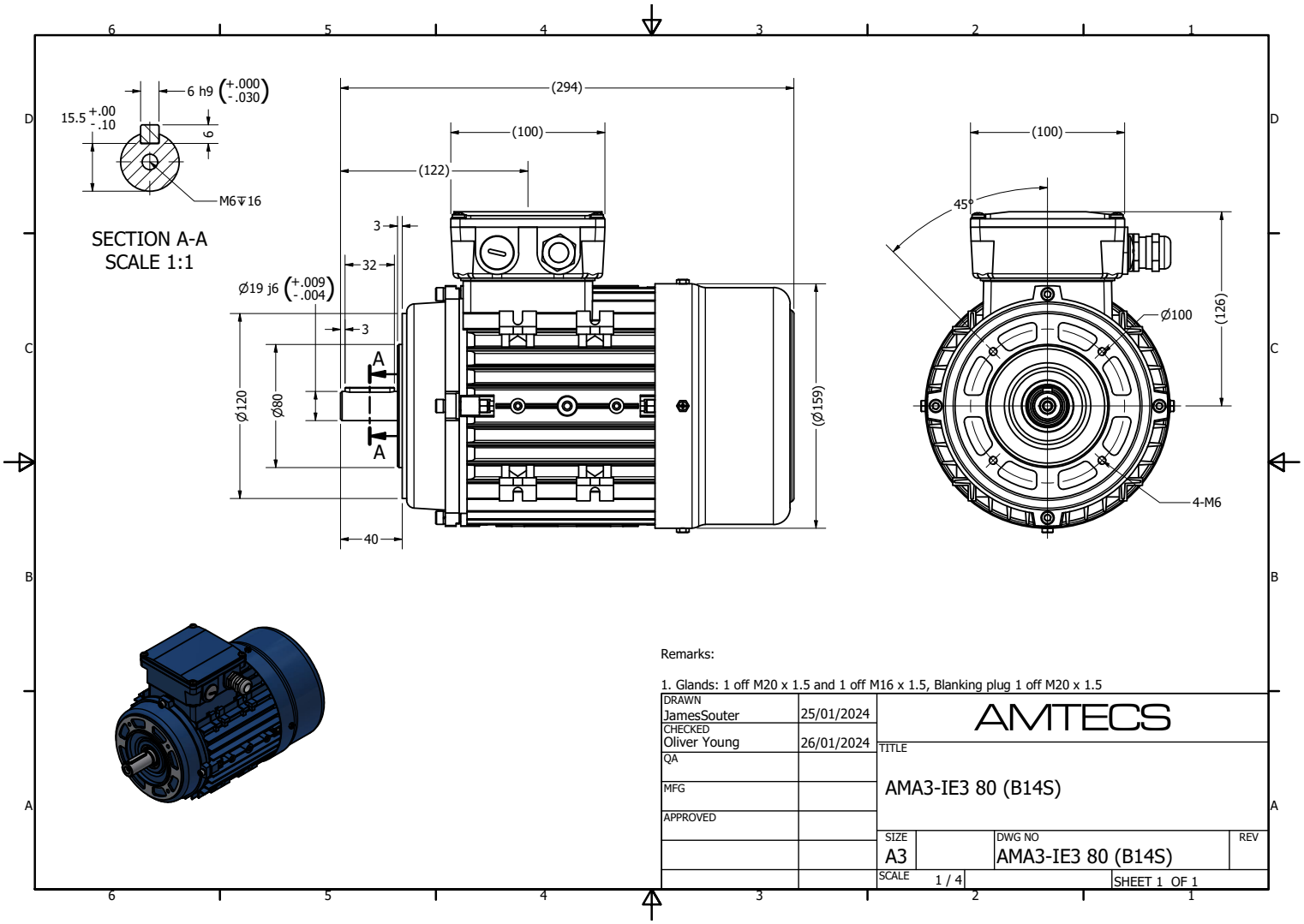
AMA3-IE3 80K2 (B14S)

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	25/01/2024	AMTECS
CHECKED	Oliver Young	26/01/2024	TITLE: AMA3-IE3 80 (B14S)
QA			
MFG			
APPROVED			SIZE: A3 — DWG NO: AMA3-IE3 80 (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 80K2**		Efficiency	**80.7%**
Rated power	**0.75** kW	**S1** Duty	Power factor	**0.82**
Speed	**2900** rpm		Sound pressure level (1m)	**58** dB(A)
Voltage	**220V / 400V**		Resistance R20 (open)	
Frequency	**50** Hz		Resistance R20 (Delta)	
Connection	**Delta / Star**			
Full load current	**2.85 A / 1.64 A**		Full load torque	**2.47** Nm
No-load current			Starting / Full load torque	**2.8**
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	**M20x1.5**		Starting / Full load current (DOL)	**8**
Construction	**Aluminium**		Starting / Full load current (Y/D)	
Weight	**13.5** Kg		Rotor Inertia	
Type number			Bearing DE	**6204**
Warranty			Bearing NDE	**6204**

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