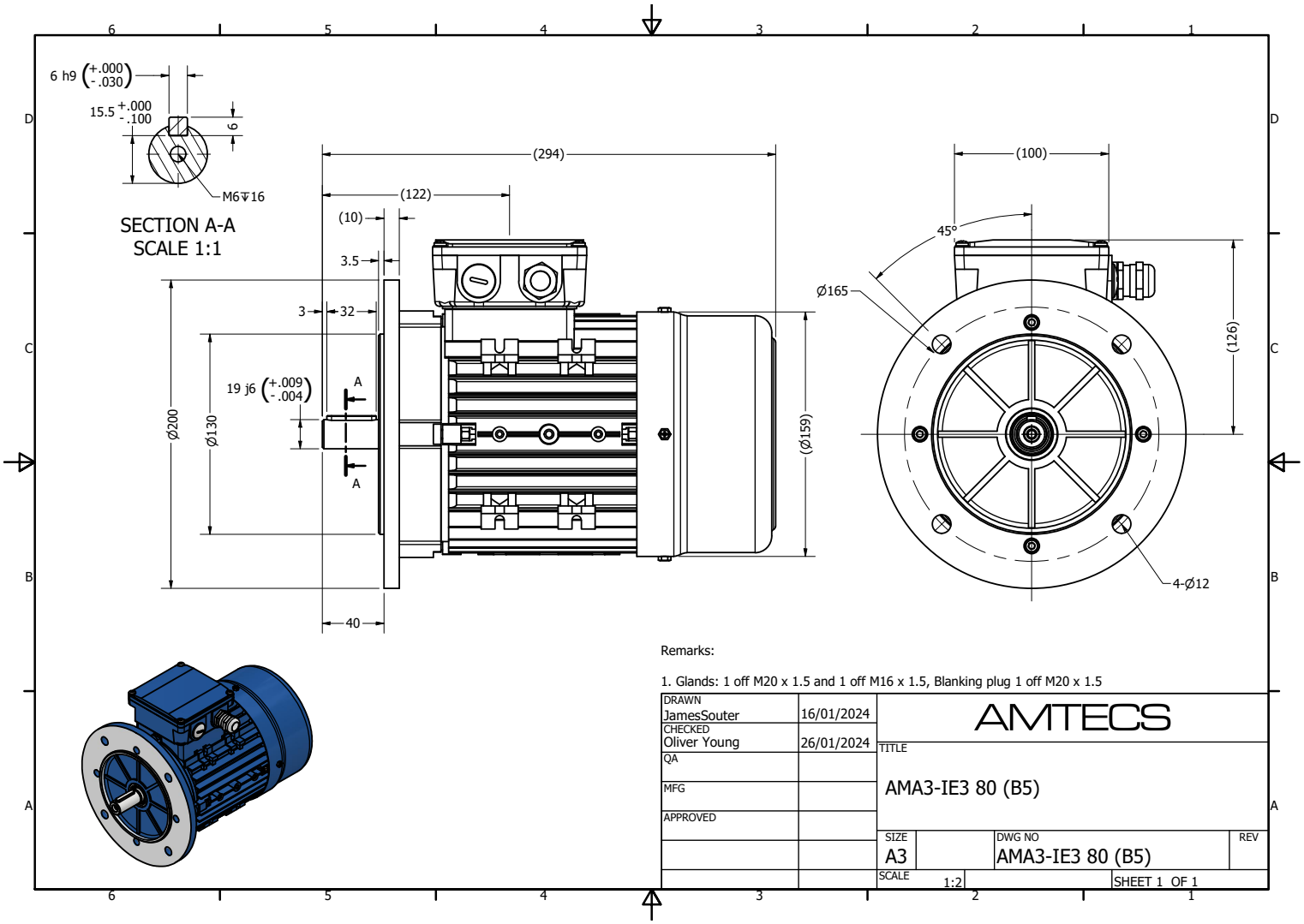
AMA3-IE3 80K2 (B5)

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	16/01/2024	AMTECS
CHECKED	Oliver Young	26/01/2024	TITLE: AMA3-IE3 80 (B5)
QA			
MFG			
APPROVED			

SIZE	DWG NO	REV
A3	AMA3-IE3 80 (B5)	

SCALE 1:2 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**

AmTecs Ltd
Charnham Park, Hungerford
Berkshire, RG17 0YT
Tel: +44 (0) 1488 686970
Fax: +44 (0) 1488 686968
sales@amtecs.co.uk
www.amtecs.co.uk

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