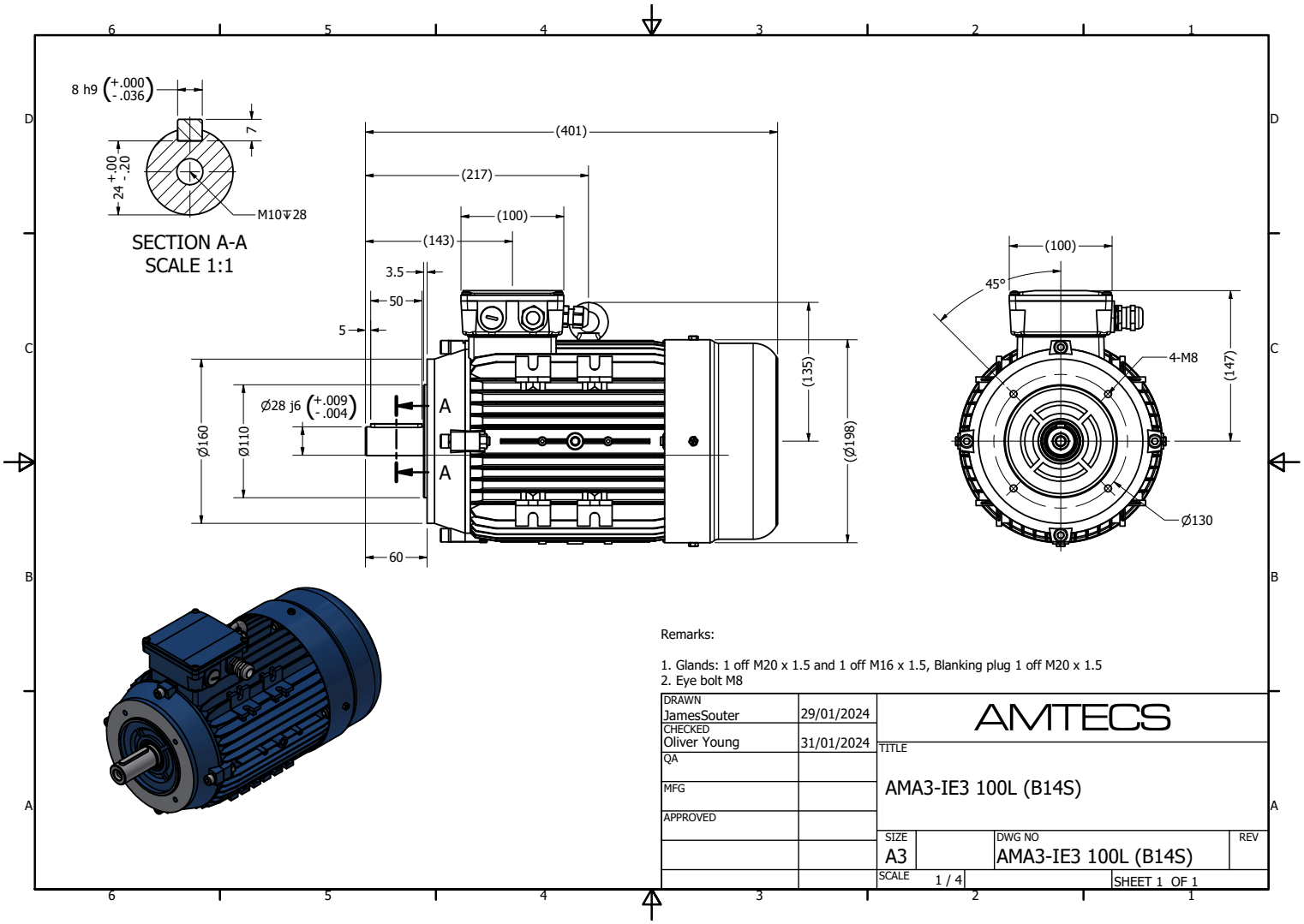
AMA3-IE3 100L2 (B14S)

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
2. Eye bolt M8

DRAWN	JamesSouter	29/01/2024	AMTECS
CHECKED	Oliver Young	31/01/2024	TITLE: AMA3-IE3 100L (B14S)
QA			
MFG			
APPROVED			
SIZE: A3		DWG NO: AMA3-IE3 100L (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 100L2**	Efficiency	**87.1%**
Rated power	**3** kW **S1** Duty	Power factor	**0.87**
Speed	**2910** rpm	Sound pressure level (1m)	**65** dB(A)
Voltage	**220V / 400V**	Resistance R20 (open)	
Frequency	**50** Hz	Resistance R20 (Delta)	
Connection	**Delta / Star**		
Full load current	**9.9 A / 5.71 A**	Full load torque	**9.85** Nm
No-load current		Starting / Full load torque	**3.2**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**3.5**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M20 x 1.5**	Starting / Full load current (DOL)	**8.5**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	**30.5** Kg	Rotor Inertia	
Type number		Bearing DE	**6206**
Warranty		Bearing NDE	**6206**

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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