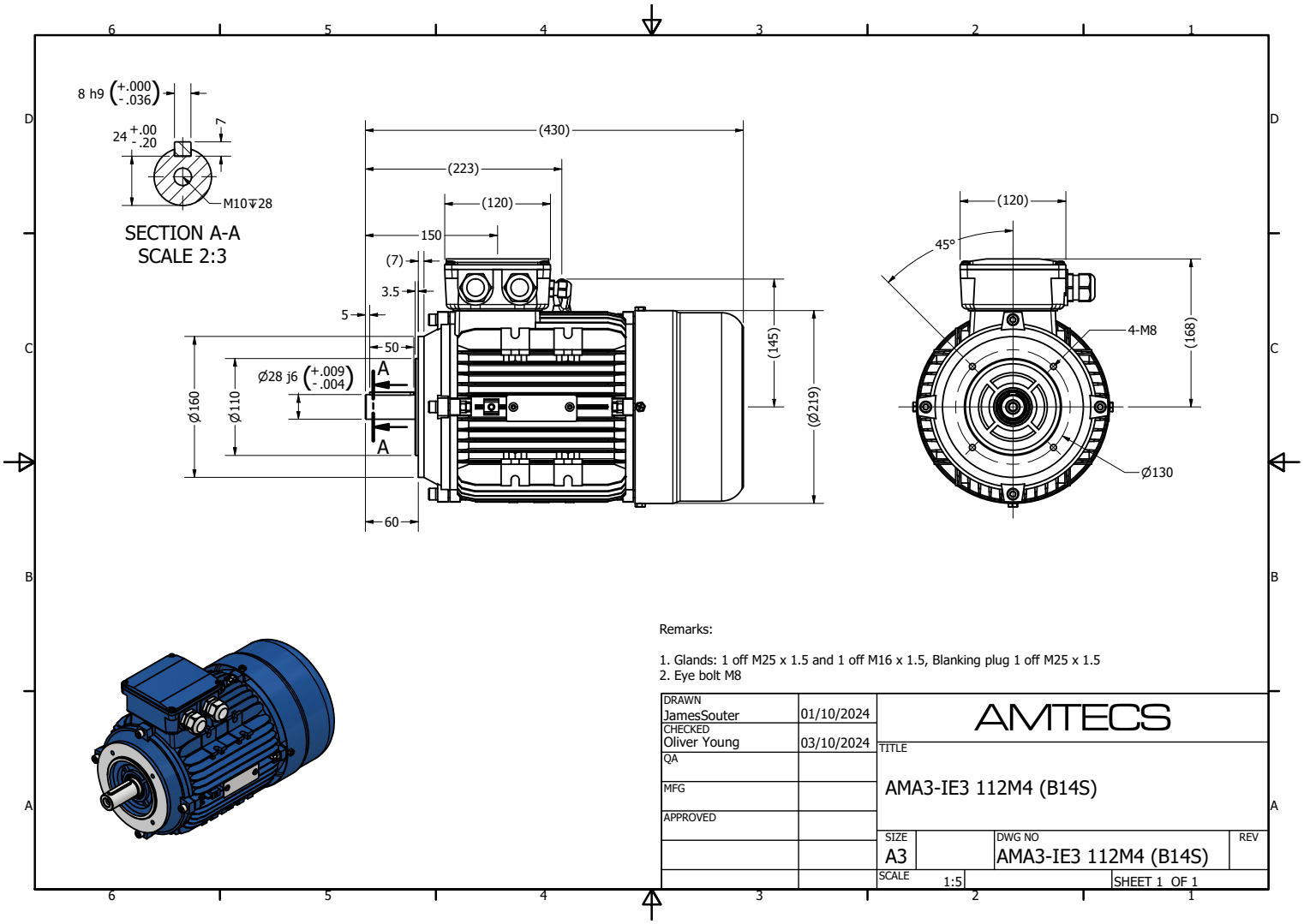
AMA3-IE3 112M8 (B14S)

AMTECS



Remarks:

1. Glands: 1 off M25 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M25 x 1.5
2. Eye bolt M8

DRAWN	JamesSouter	01/10/2024	AMTECS
CHECKED	Oliver Young	03/10/2024	TITLE: AMA3-IE3 112M4 (B14S)
QA			
MFG			
APPROVED			

SIZE		DWG NO	REV
A3		AMA3-IE3 112M4 (B14S)	

SCALE 1:5 SHEET 1 OF 1

Specification	**IEC 60034-1**	Efficiency class	**IE3**
Manufacturer	**AmTecs**	Load data	100% 75% 50% 25%
Motor type	**AMA3-IE3 112M8**	Efficiency	**79.7%**
Rated power	**1.5** kW **S1** Duty	Power factor	**0.7**
Speed	**705** 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	**6.75 A / 3.88 A**	Full load torque	**20.3** Nm
No-load current		Starting / Full load torque	**1.8**
Enclosure	**IP55**	Pull up / Full load torque	
Insulation class	**F (temp. rise B)**	Pull out / Full load torque	**2**
Max. ambient temp	**40** °C		
Max. altitude	**1000** mtr above sea level		
Comment			
Cable entry	**M25 x 1.5**	Starting / Full load current (DOL)	**6.7**
Construction	**Aluminium**	Starting / Full load current (Y/D)	
Weight	Kg	Rotor Inertia	
Type number		Bearing DE	**6306**
Warranty		Bearing NDE	**6306**

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