

Technical drawing of the AMA3-IE3 160M (B5) motor, showing front, top, and detail views with dimensions and a 3D model.

SECTION A-A SCALE 1:2

Dimensions (mm):

- 12 h9 (+.000 / -.043)
- 37 (+.00 / -.20)
- 8
- M16 ∇ 36
- (617)
- (150)
- (267)
- (15)
- 5
- 100
- Ø42 k6 (+.018 / +.002)
- Ø350
- Ø250
- Ø314
- 110

DETAIL B SCALE 1:2

Dimensions (mm):

- 30
- 14

Top View Dimensions (mm):

- (160)
- 45°
- 4-Ø19
- (246)
- Ø300

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. 2 off 14mm Lifting Hooks (See detail B)

DRAWN James Souter		19/03/2024		AMTECS LTD	
CHECKED Oliver Young		20/03/2024			
QA					
MFG					
APPROVED				TITLE AMA3-IE3 160M (B5)	
		SIZE A3	DWG NO AMA3-IE3 160M (B5)		REV
		SCALE 1:6	SHEET 1 OF 1		

Efficiency class	IE3	
Load data	100%	
Efficiency	91.9	%
Power factor	0.91	
Sound pressure level (1m)	71	dB(A)
Resistance R20 (open)		
Resistance R20 (Delta)		
Full load torque	48.6	Nm
Starting / Full load torque	1.9	
Pull up / Full load torque		
Pull out / Full load torque	2.3	
Starting / Full load current (DOL)	7	
Starting / Full load current (Y/D)		
Rotor Inertia		
Bearing DE	6209	
Bearing NDE	6209	

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