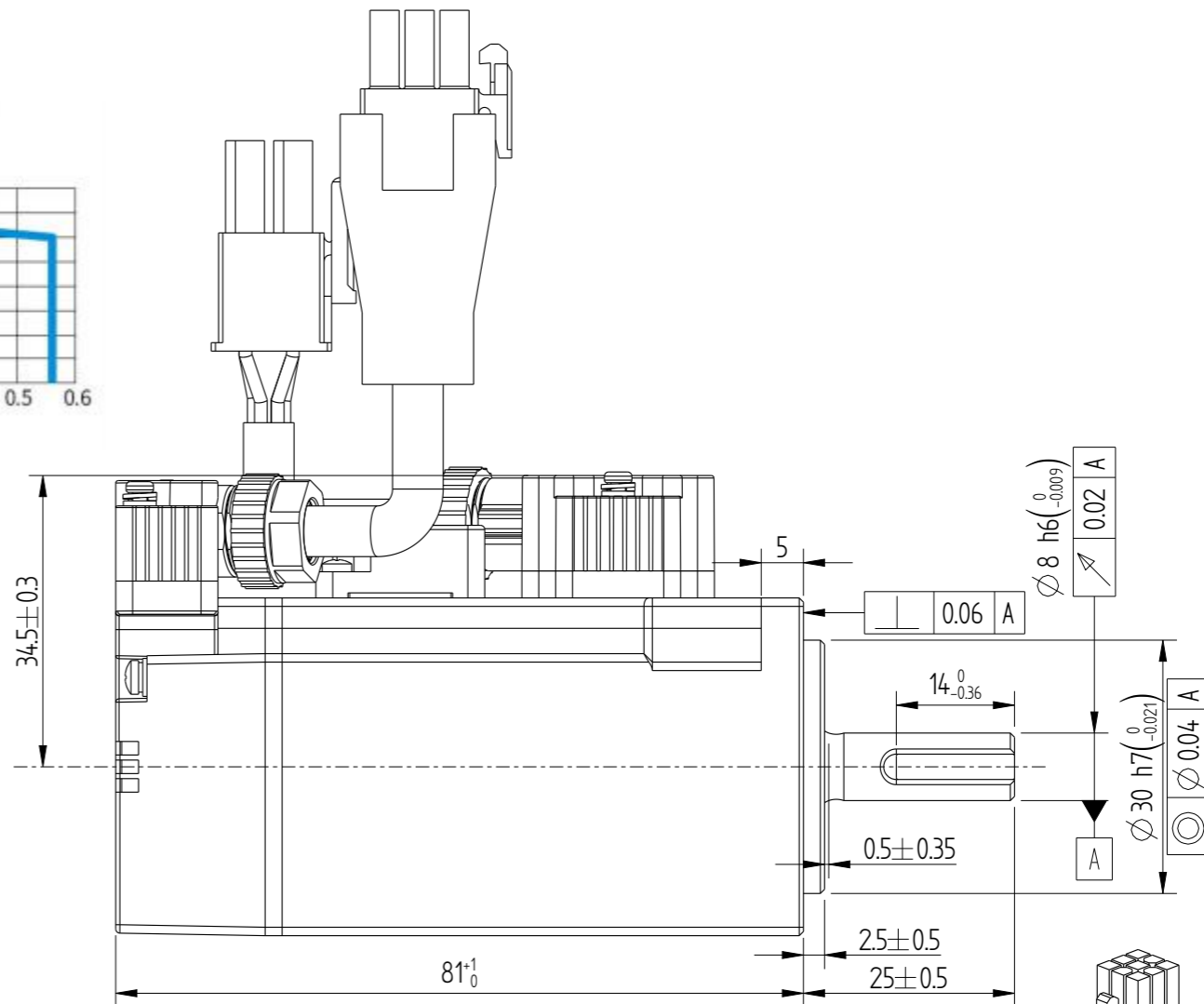


Basic function parameters	
Rated power kW	0.05
Rated voltage V	220
Rated current A	1.27
Peak current at rated speed A	4.78
Rated torque Nm	0.16
Peak torque at rated speed Nm	0.56
Rated speed rpm	3000
Max speed rpm	7000
Rotor inertia $\text{kg} \cdot \text{cm}^2$	$0.04 \pm 10\%$
Encoder resolution	23bit
Insulation class	F(155)
Protection class	IP67
Static torque of brake Nm	≥ 0.32
Brake power supply V	$\text{DC}24 \pm 10\%$
Brake backlash $^{\circ}$	≤ 1.5
Duty cycle	S1
Radial load N	≤ 78
Axial load N	≤ 54

Technical drawing of a square motor. The drawing includes a top view and a side view. The top view shows a square motor body with a circular fan on top. The side view shows the motor's profile with a cable and a connector. Dimensions and specifications are provided:

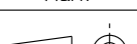
- Top view dimensions:
 - Overall width: 40 ± 0.3
 - Overall height: 46 ± 0.3
 - Inner diameter of the fan: $2 - \phi 4.5$
 - Thread specification: M3 ∇ 7
 - Corner radius: 4-R1
 - Angle: 45°
- Speed scale (rpm):
 - 8000
 - 7000
 - 6000
 - 5000
 - 4000
 - 3000
 - 2000
 - 1000
 - 0



A diagram showing a 2x3 grid of boxes. The boxes are numbered 1 through 6. Box 4 is at the top-left, box 1 is at the top-right, box 5 is at the middle-left, box 2 is at the middle-right, box 6 is at the bottom-left, and box 3 is at the bottom-right. Arrows indicate a path starting from box 4, moving right to box 1, then down to box 2, then down to box 3. There are also arrows pointing from box 5 to box 4 and from box 6 to box 5. The grid is flanked by vertical bars on the left and right, and horizontal bars at the top and bottom.

Dimension of shaft end with key

Power wire adapter connector						
6pin terminal	5	4	2	1	3	6
Core color	chartreuse	red	black	white	brown	blue
definition	PE	W	V	U	BK+	BK-

				Motor Outline Drawing	0111A186-WX			
B01	Replace	/	20250530					
Version	Change method	Changed by	Date					
Design	/							
Check	/			/	Mark			
Craft	/							
Verify	/							
Standardization	/			Weight	Scale	Version	Page 1 of 1	
Approve	/			0.42kg	12	B01	Model	MS1H4-05B30CB-A334R-S-INT

