

SEH50

Single-Axis



This picture is for reference only. For actual shipping specifications, please refer to the dimensional drawings.

Max. Stroke500mm

Max. Speed500mm/s

Motor Capacity100W

Ball Screwø12mm

Model Number Designation System

SEH50 - P05 - S100 - BC - M10 B - C 4 - 0001

Model

Stroke
50–500mm

Brake

B With brake
No indication if there is no brake.

Endpoint Limit Sensor

External-mounted	
3	1 PC
4	2 PCS
5	No sensor

Ball Screw Lead

5	5mm
10	10mm

Motor Position

BC Externally mounted & direct coupling

BW Motor on upper side

BM Motor on lower side

BL Motor on left side

BR Motor on right side

Motor Brand & Power

P Panasonic	10 100W
T Delta	
M Mitsubishi	

Home Sensor

External-mounted	
C	Motor side
D	Counter-motor side
E	No sensor

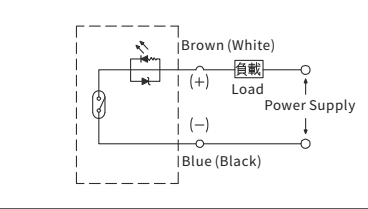
Basic Specifications

Performance	Position Repetition Precision		± 0.01	
	Ball Screw Lead		5	10
	Max. Speed		250	500
	Max. Handling Weight	Horizontal Use	30	15
		Vertical Use	12	5
	Rated Thrust		341	170
Components	Standard Stroke		50~500mm/50mm pitch	
	AC Servo Motor Capacity		100W	
	Ball Screw Outer Diameter		C7 ø12	
	Coupling		8X8	
	Home Sensor	External-mounted	CS-6T	

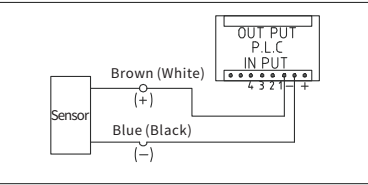
- ※ 1 When the stroke exceeds 200, screw deflection may occur. In this case, please reduce the speed.
- ※ 2 Under normal usage compliant with catalog specifications, the guaranteed service life is 10000km.

Sensor Circuit and Wiring Diagram

General load: Resistive loads such as relays.

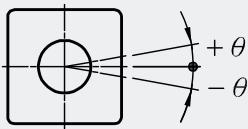


Programmable Controller Wiring Diagram



Anti-rotation Precision

Anti-rotation Precision of the Output Lever



Anti-rotation Precision
± 0.01°

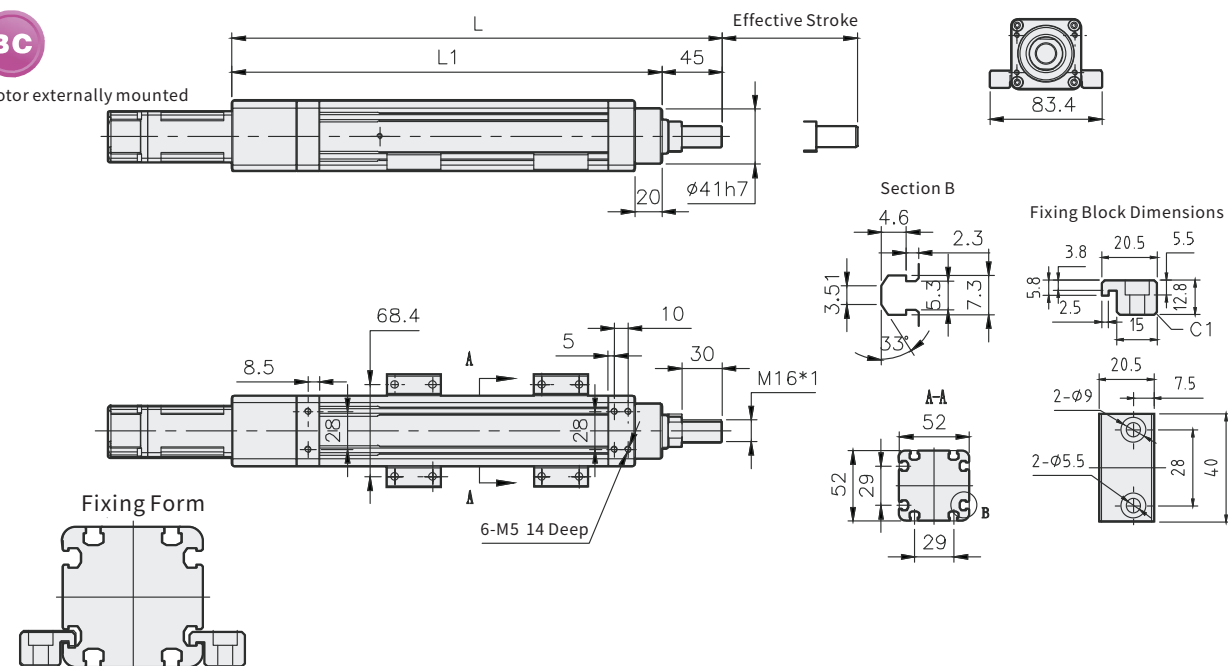
- ※ During operation, strictly avoid applying rotational torque to the piston rod, as this may cause deformation of the anti-rotation block, which may result in abnormal response of the automatic switch, and distortion of internal guide rails, which may result in increased operational resistance.

Anti-rotation Precision

Brand	Mark	Brake	Motor Capacity	Supply Voltage	Servo Motor Model	Driver Model
Mitsubishi	M	No Brake (Horizontal Type)	100	220	HG-KR13	MR-J4-10A
		With Brake (Vertical Type)	100	220	HG-KR13B	MR-J4-10A
Panasonic	P	No Brake (Horizontal Type)	100	220	MSMD012G1U	MADHT1505
		With Brake (Vertical Type)	100	220	MSMD012G1V	MADHT1505
Delta	T	No Brake (Horizontal Type)	100	220	ECMA-C20401ES	ASD-B20121-B
		With Brake (Vertical Type)	100	220	ECMA-C20401FS	ASD-B20121-B

BC

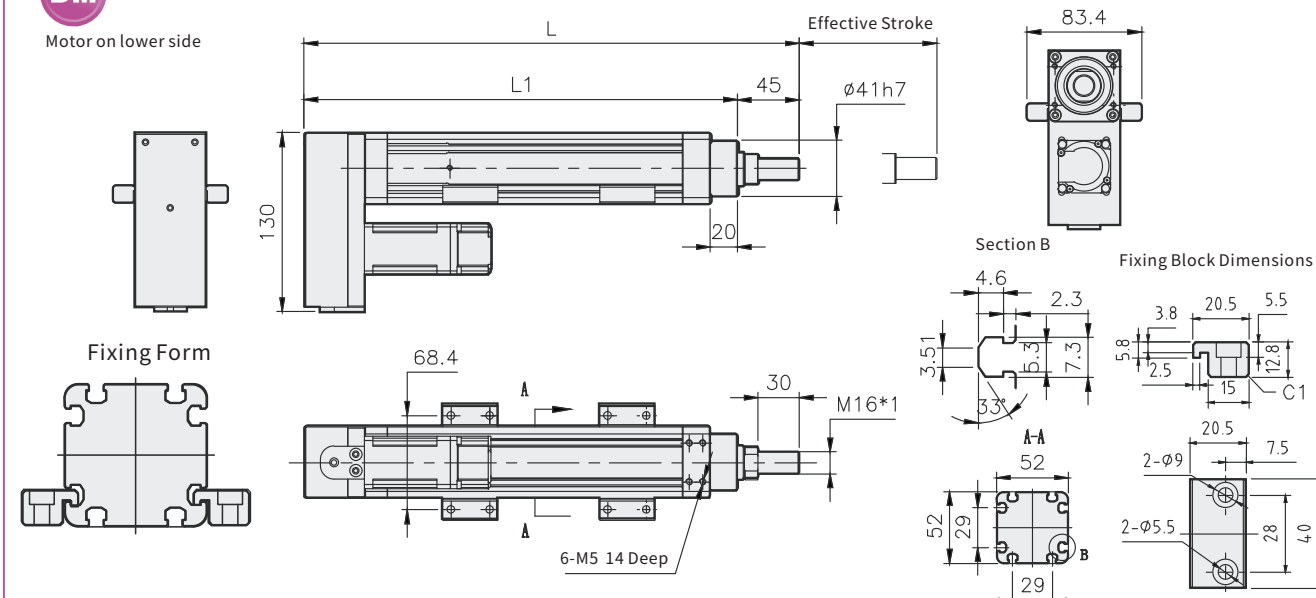
Motor externally mounted



Effective Stroke	50	100	150	200	250	300	350	400	450	500
L	314	364	414	464	514	564	614	664	714	764
L1	269	319	369	419	469	519	569	619	669	719
KG	2.38	2.67	2.96	3.26	3.55	3.87	4.17	4.48	4.78	5.09

BM

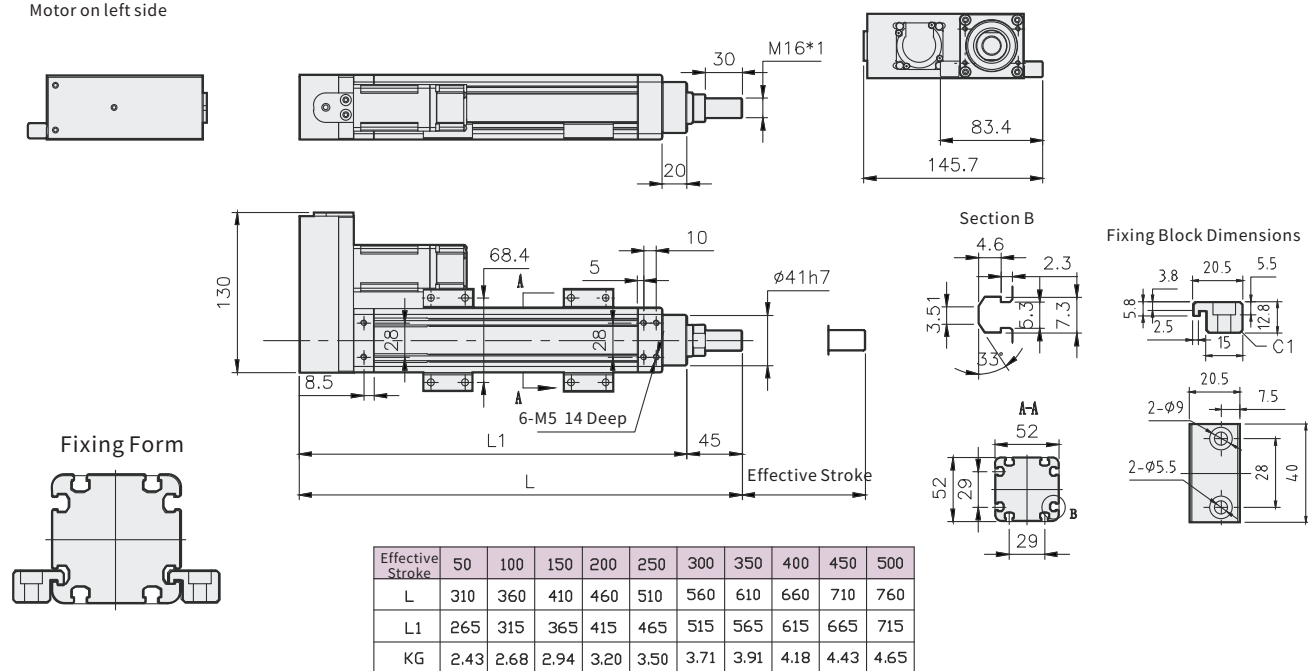
Motor on lower side



Effective Stroke	50	100	150	200	250	300	350	400	450	500
L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65

BL

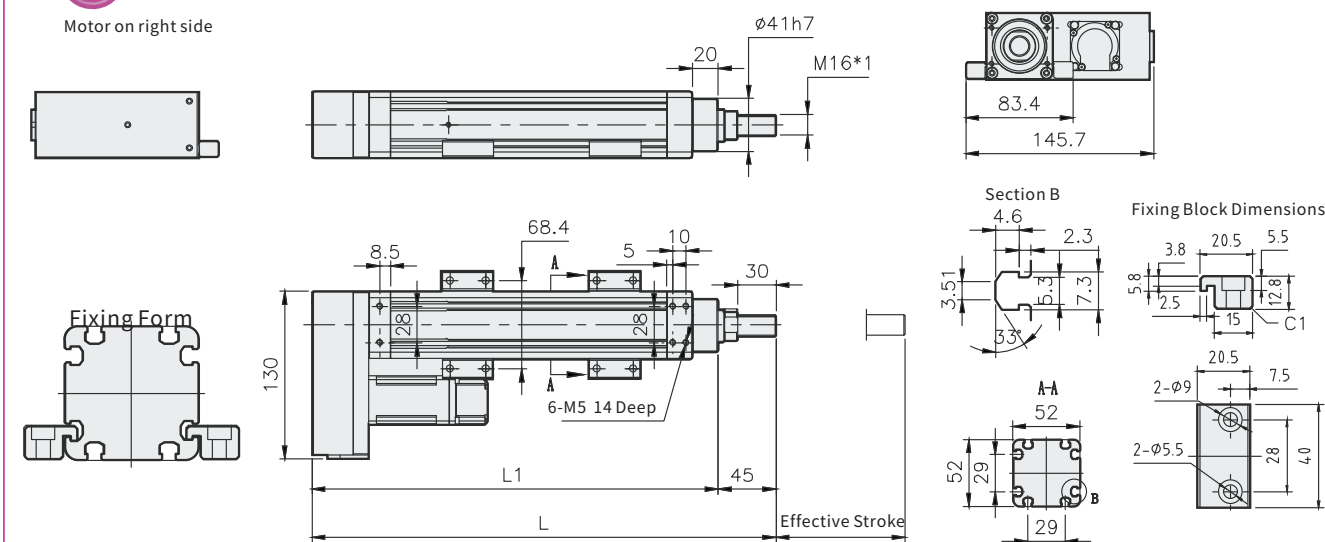
Motor on left side



Effective Stroke	50	100	150	200	250	300	350	400	450	500
L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65

BR

Motor on right side



Effective Stroke	50	100	150	200	250	300	350	400	450	500
L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65

