

SEH50L

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

LinearGuideRail15X9.5-1pcs

Model Number Designation System

SEH50L - P 05 - S100 - BC - M10 B - C 4 - 0001

Model

Stroke
50-500mm

Ball Screw Lead
5 5mm
10 10mm

Motor Position
BC Externally mounted & direct coupling
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

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

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

Special Type

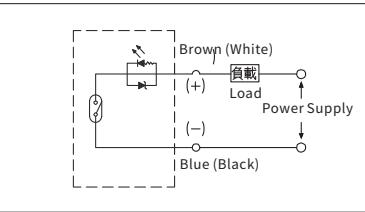
Basic Specifications

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	

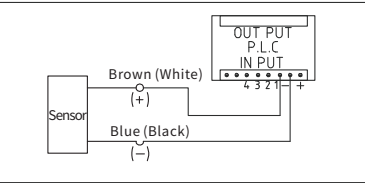
- ※ 1 When the stroke exceeds 200, screw deflection may occur. In this case, please reduce the speed.
- ※ 2 Under normal usage compliant with catalog specifications, the guaranteed service life is 10000km.

Sensor Circuit and Wiring Diagram

General load: Resistive loads such as relays.

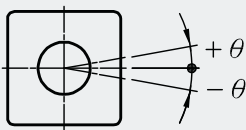


Programmable Controller Wiring Diagram



Anti-rotation Precision

Anti-rotation Precision of the Output Lever



Anti-rotation Precision
±0.01°

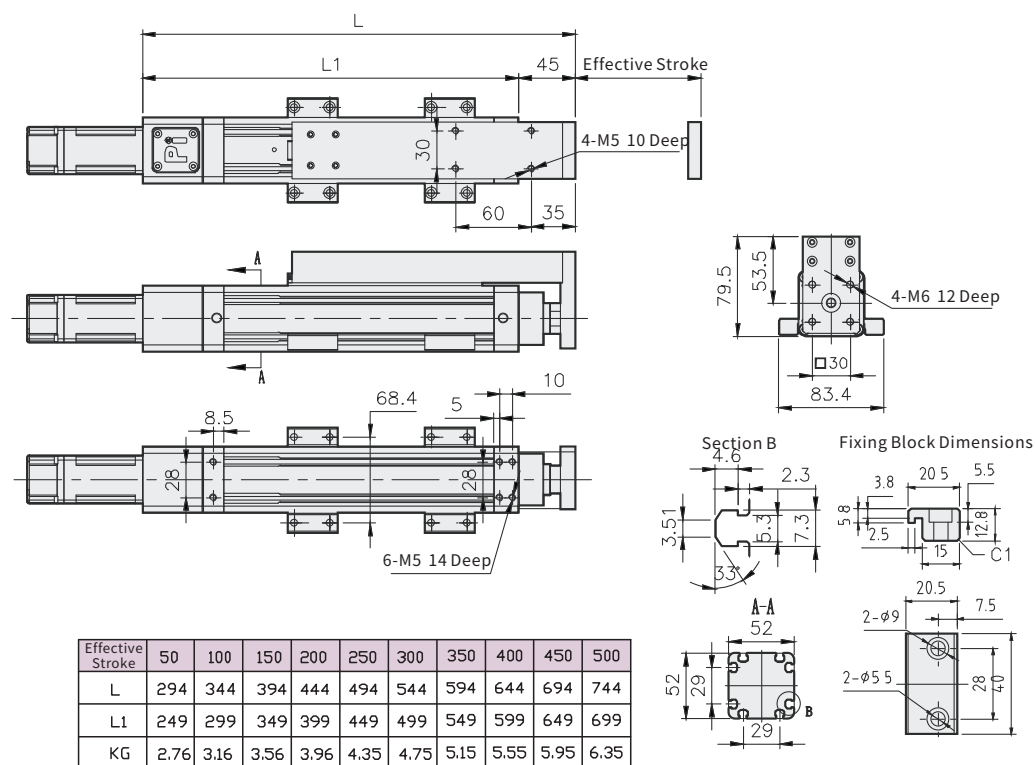
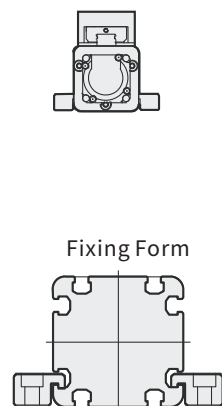
- ※ During operation, strictly avoid applying rotational torque to the piston rod, as this may cause deformation of the anti-rotation block, which may result in abnormal response of the automatic switch, and distortion of internal guide rails, which may result in increased operational resistance.

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

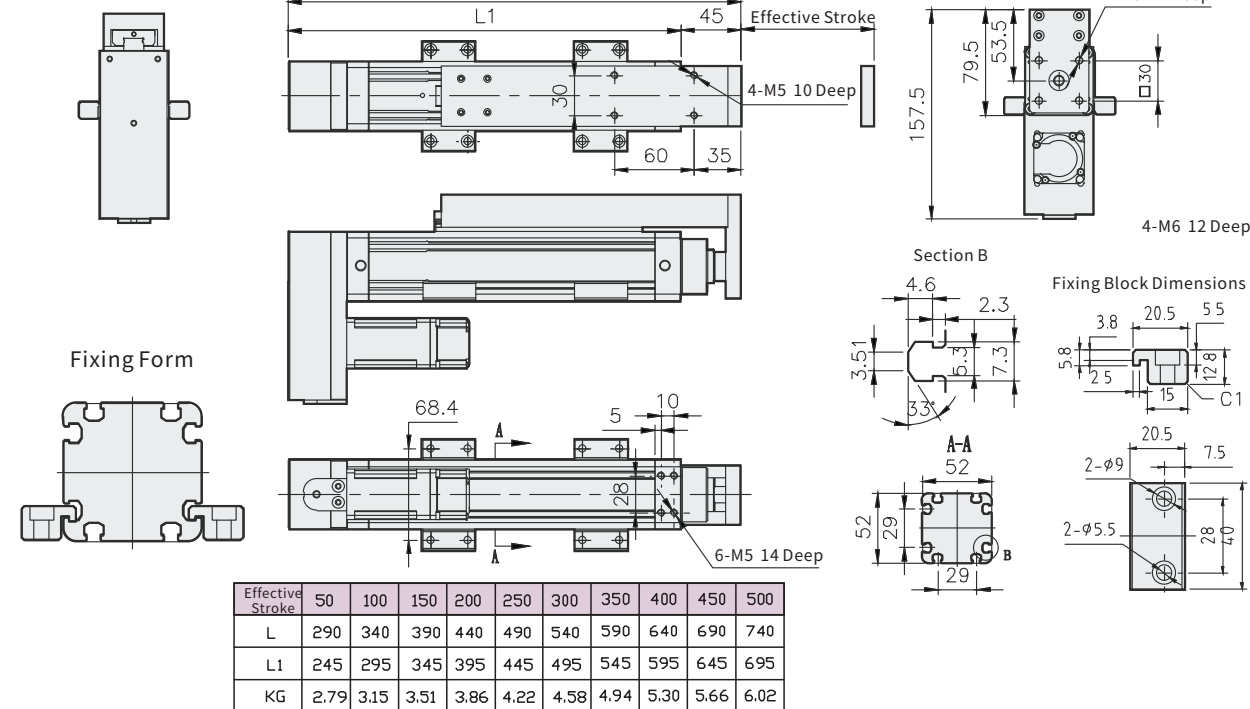
BC

Motor externally mounted



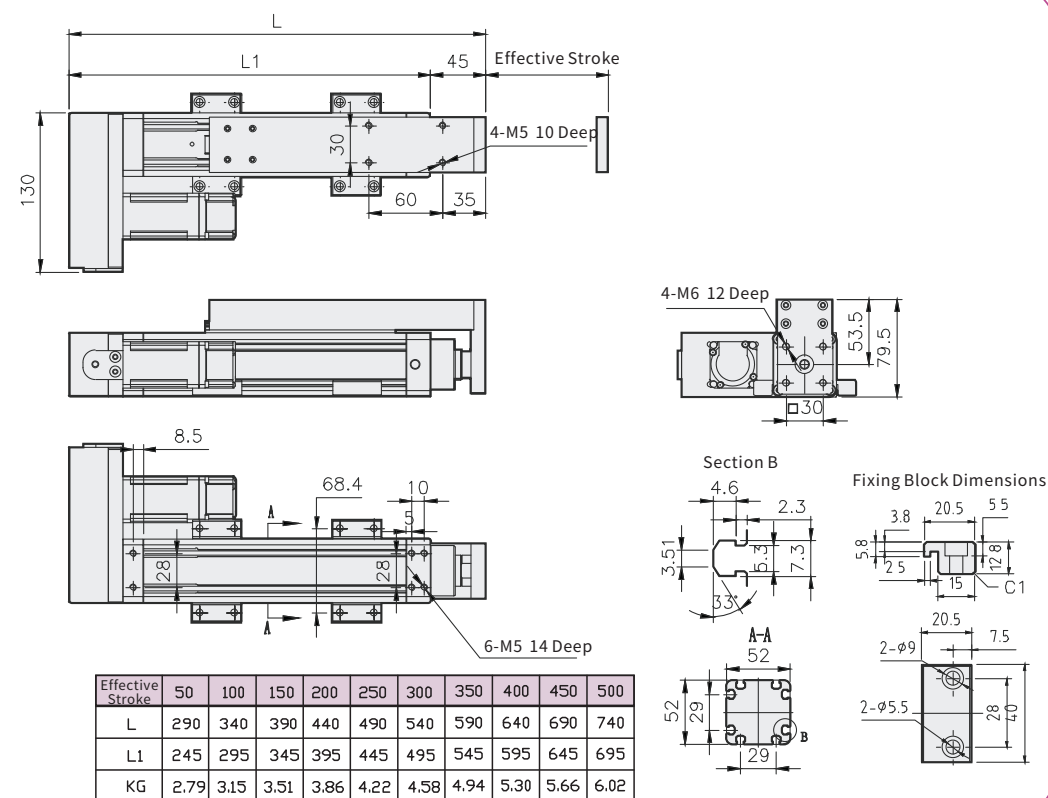
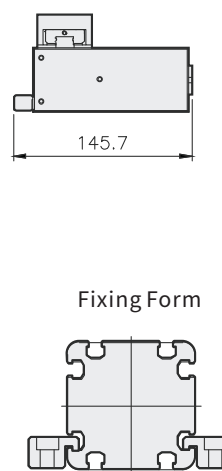
BM

Motor on lower side



BL

Motor on left side



BR

Motor on right side

