

SEH65L

Single-Axis



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

Max. Stroke **700mm**

Max. Speed **1000mm/s**

Motor Capacity **400W**

Ball Screw **ø16mm**

LinearGuideRail **15X9.5-1pcs**

Model Number Designation System

SEH65L - P 05 - S100 - BC - M40 B - C 4 - 0001

Model

Stroke

50-700mm

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
16	16mm
20	20mm

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	20 200W
T Delta	40 400W
M Mitsubishi	

Home Sensor

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

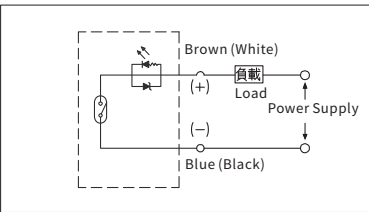
Basic Specifications

Performance	Position Repetition Precision		± 0.01			
	Ball Screw Lead		5	10	16	20
	Max. Speed		250	500	800	1000
	Max. Handling Weight	Horizontal Use	110	88	48	40
		Vertical Use	33	20	10	8
	Rated Thrust		1388	694	433	347
	Standard Stroke		50-700mm/50mm pitch			
Components	AC Servo Motor Capacity		400W			
	Ball Screw Outer Diameter		C7 ø16			
	Coupling		10X14			
	Home Sensor	External-mounted	EE-Sx672(NPN)			

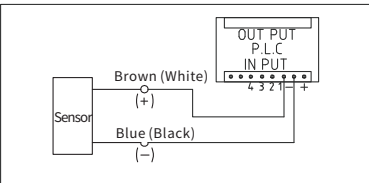
- ※ 1 When the stroke exceeds 300, screw deflection may occur. In this case, please reduce the speed.
- ※ 2 Under normal usage compliant with catalog specifications, the guaranteed service life is 10000km.

Sensor Circuit and Wiring Diagram

General load: Resistive loads such as relays.

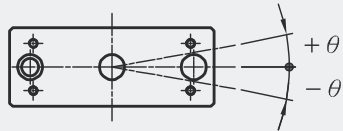


Programmable Controller Wiring Diagram



Anti-rotation Precision

Anti-rotation Precision of the Output Lever



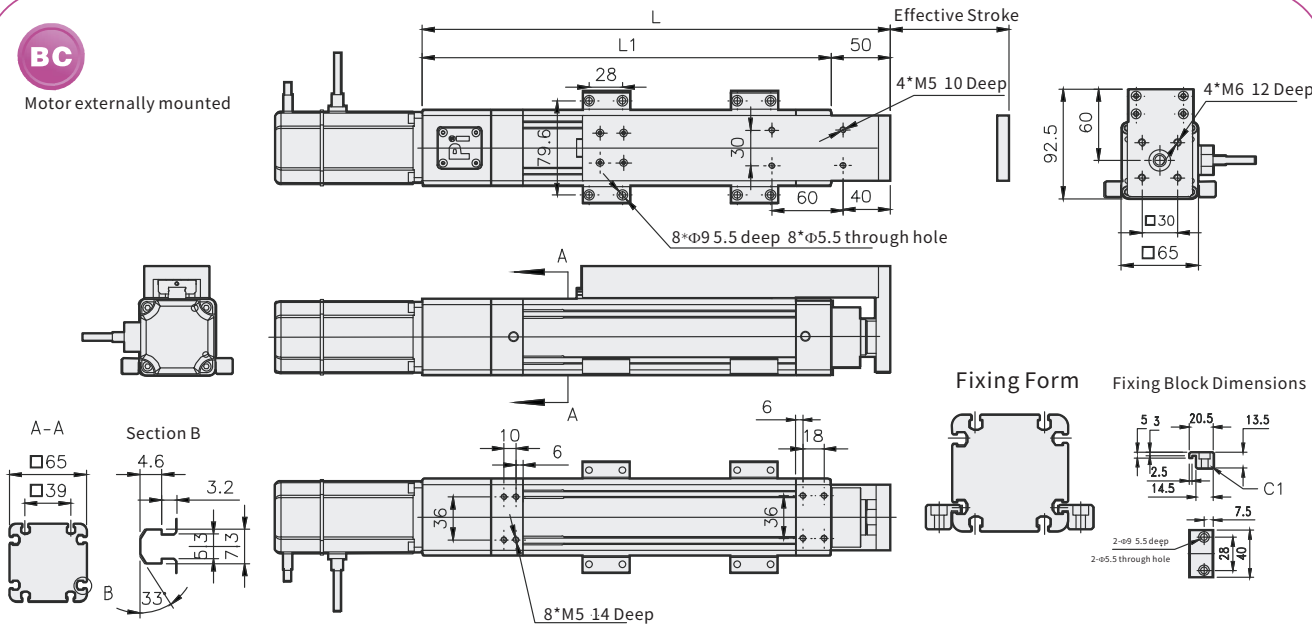
Anti-rotation Precision
±0.01°

Anti-rotation Precision

Brand	Mark	Brake	Motor Capacity	Supply Voltage	Servo Motor Model	Driver Model
Mitsubishi	M	No Brake (Horizontal Type)	400	220	HG-KR43	MR-J4-40A
		With Brake (Vertical Type)	400	220	HG-KR43B	MR-J4-40A
Panasonic	P	No Brake (Horizontal Type)	400	220	MHMD042G1U	MBDHT2510
		With Brake (Vertical Type)	400	220	MHMD042G1V	MBDHT2510
Delta	T	No Brake (Horizontal Type)	400	220	ECMA-C20604ES	ASD-B20421-B
		With Brake (Vertical Type)	400	220	ECMA-C20604FS	ASD-B20421-B

BC

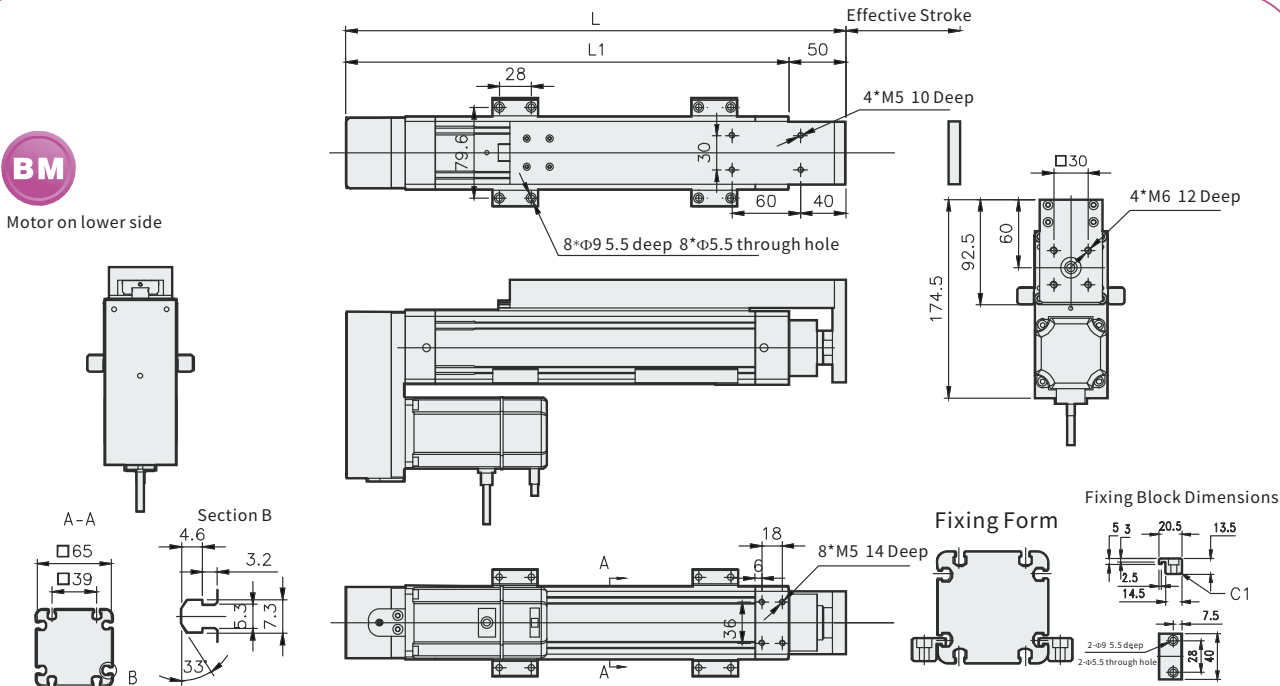
Motor externally mounted



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	345	395	445	495	545	595	645	695	745	795	845	895	945	995
L1	295	345	395	445	495	545	595	645	695	745	795	845	895	945
KG	5.34	5.85	6.37	6.89	7.40	7.92	8.43	8.95	9.46	9.98	10.44	10.95	11.46	11.97

BM

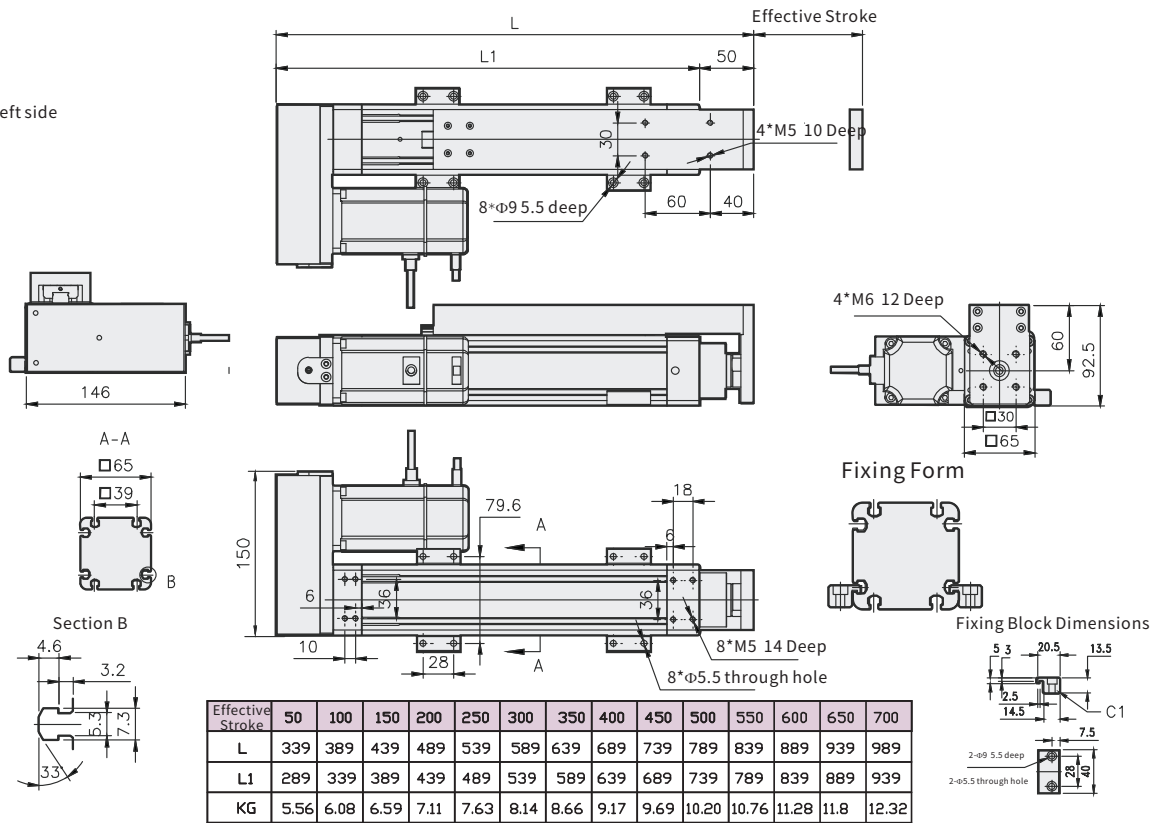
Motor on lower side



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	339	389	439	489	539	589	639	689	739	789	839	889	939	989
L1	289	339	389	439	489	539	589	639	689	739	789	839	889	939
KG	5.56	6.08	6.59	7.11	7.63	8.14	8.66	9.17	9.69	10.20	10.76	11.28	11.8	12.32

BL

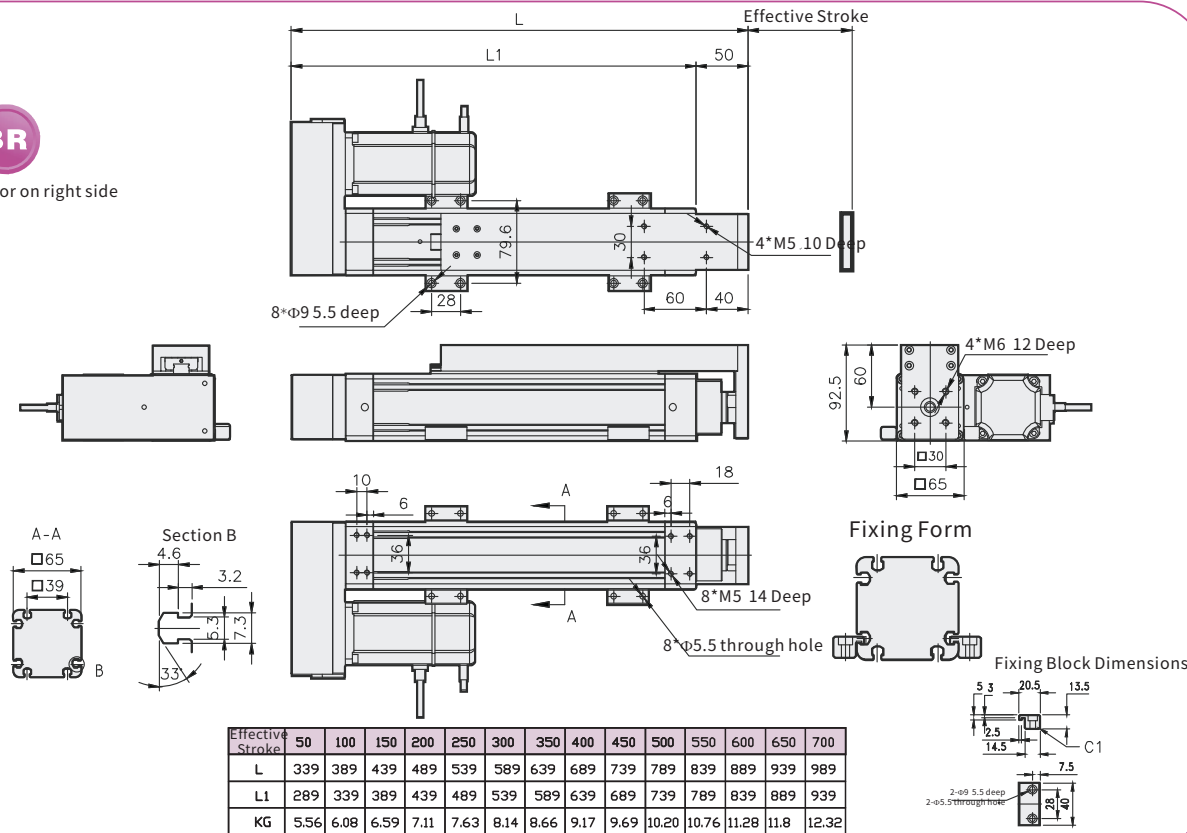
Motor on left side



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	339	389	439	489	539	589	639	689	739	789	839	889	939	989
L1	289	339	389	439	489	539	589	639	689	739	789	839	889	939
KG	5.56	6.08	6.59	7.11	7.63	8.14	8.66	9.17	9.69	10.20	10.76	11.28	11.8	12.32

BR

Motor on right side



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	339	389	439	489	539	589	639	689	739	789	839	889	939	989
L1	289	339	389	439	489	539	589	639	689	739	789	839	889	939
KG	5.56	6.08	6.59	7.11	7.63	8.14	8.66	9.17	9.69	10.20	10.76	11.28	11.8	12.32