

SEH80T

Single-Axis



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

Max. Stroke **1200mm** Max. Speed **1250mm/s** Motor Capacity **750W** Ball Screw **ø25mm** Dia. of Shaft **ø20mm-2pcs**

Model Number Designation System

SEH80T - P05 - S100 - BC - M75 B - C 4 - 0001

Model

Stroke
50–1200mm

Ball Screw Lead

5	5mm
10	10mm
25	25mm

Motor Position

BC Externally mounted & direct coupling

BW Motor on upper side

BM Motor on lower side

Motor Brand & Power

P	Panasonic	20	200W
T	Delta	40	400W
M	Mitsubishi		750W

Home Sensor

External-mounted

C	Motor side
D	Counter-motor side
E	No sensor

Endpoint Limit Sensor

External-mounted

3	1 PC
4	2 PCS
5	No sensor

Brake

B With brake

No indication if there is no brake.

Special Type

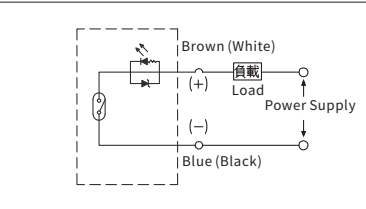
Basic Specifications

Performance	Position Repetition Precision		± 0.01		
	Ball Screw Lead		5	10	25
	Max. Speed		250	500	1250
	Max. Handling Weight	Horizontal Use	200	180	138
		Vertical Use	65	55	25
	Rated Thrust		2520	1260	504
	Standard Stroke		50~1200mm/50mm pitch		
Components	AC Servo Motor Capacity		750W		
	Ball Screw Outer Diameter		C7 ø25		
	Coupling		17X19		
	Home Sensor	External-mounted	CS-6T		

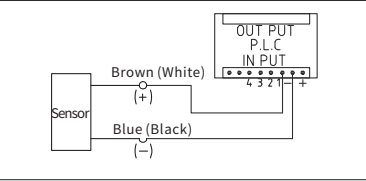
- ※ 1 When the stroke exceeds 300, screw deflection may occur. In this case, please reduce the speed.
- ※ 2 Under normal usage compliant with catalog specifications, the guaranteed service life is 10000km.

Sensor Circuit and Wiring Diagram

General load: Resistive loads such as relays.

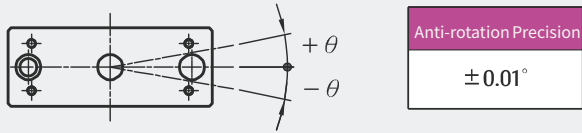


Programmable Controller Wiring Diagram



Anti-rotation Precision

Anti-rotation Precision of the Output Lever

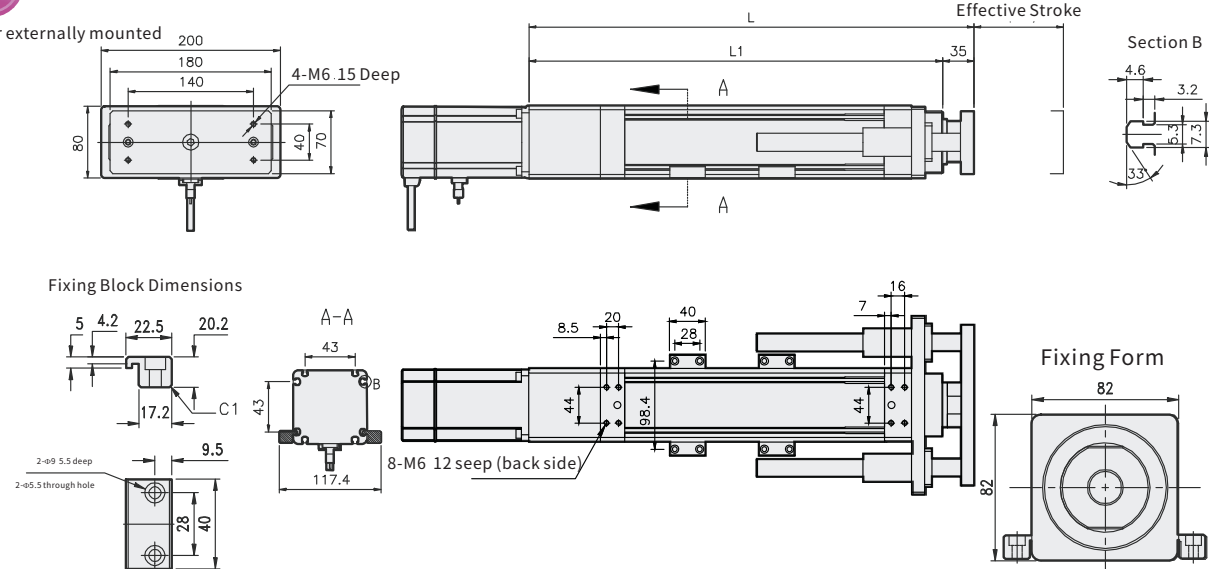


Anti-rotation Precision

Brand	Mark	Brake	Motor Capacity	Supply Voltage	Servo Motor Model	Driver Model
Mitsubishi	M	No Brake (Horizontal Type)	750	220	HF-KP73	MR-J3-70A
		With Brake (Vertical Type)	750	220	HF-KP73B	MR-J3-70A
Panasonic	P	No Brake (Horizontal Type)	750	220	MHMD082P1S	MBDDT3520
		With Brake (Vertical Type)	750	220	MHMD082P1S	MBDDT3520
Delta	T	No Brake (Horizontal Type)	750	220	ECMA-C20807ES	ASD-B20721-B
		With Brake (Vertical Type)	750	220	ECMA-C20807FS	ASD-B20721-B

BC

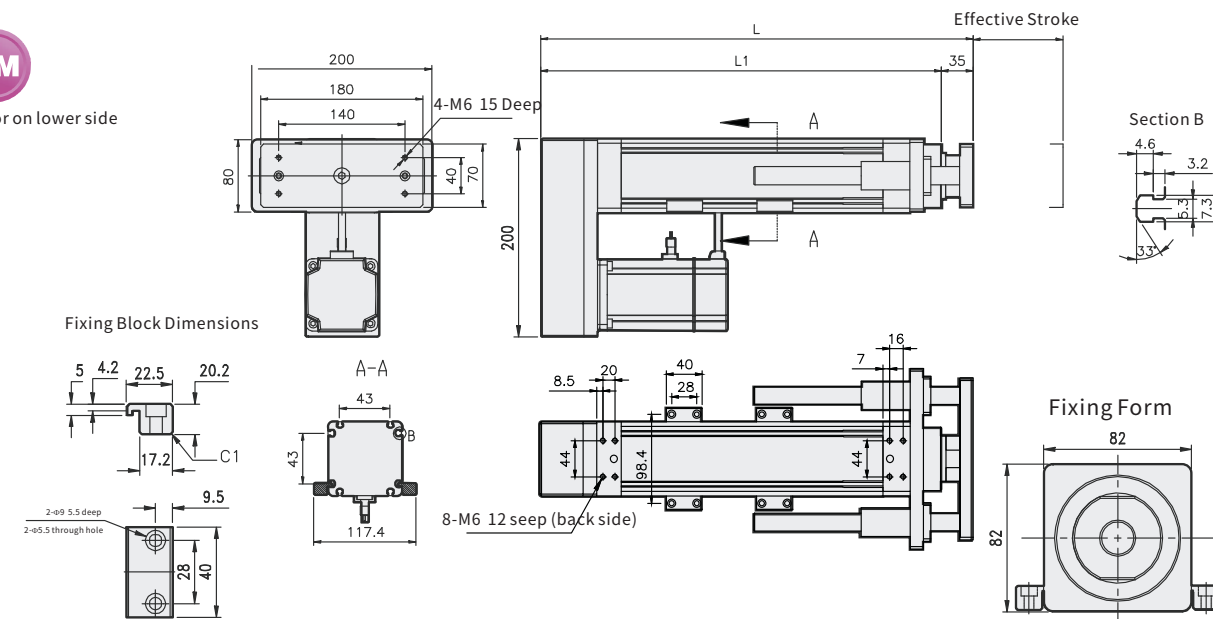
Motor externally mounted



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
L	447	497	547	597	647	697	747	797	847	897	947	997	1047	1097	1147	1197	1247	1297	1347	1397	1447	1497	1547	1597
L1	412	462	512	562	612	662	712	762	812	862	912	962	1012	1062	1112	1162	1212	1262	1312	1362	1412	1462	1512	1562
KG	5.25	5.76	6.27	6.78	7.29	7.81	8.32	8.83	9.34	9.85	10.35	10.86	11.37	11.88	12.39	12.9	13.41	13.92	14.43	14.94	15.45	15.96	16.47	16.98

BM

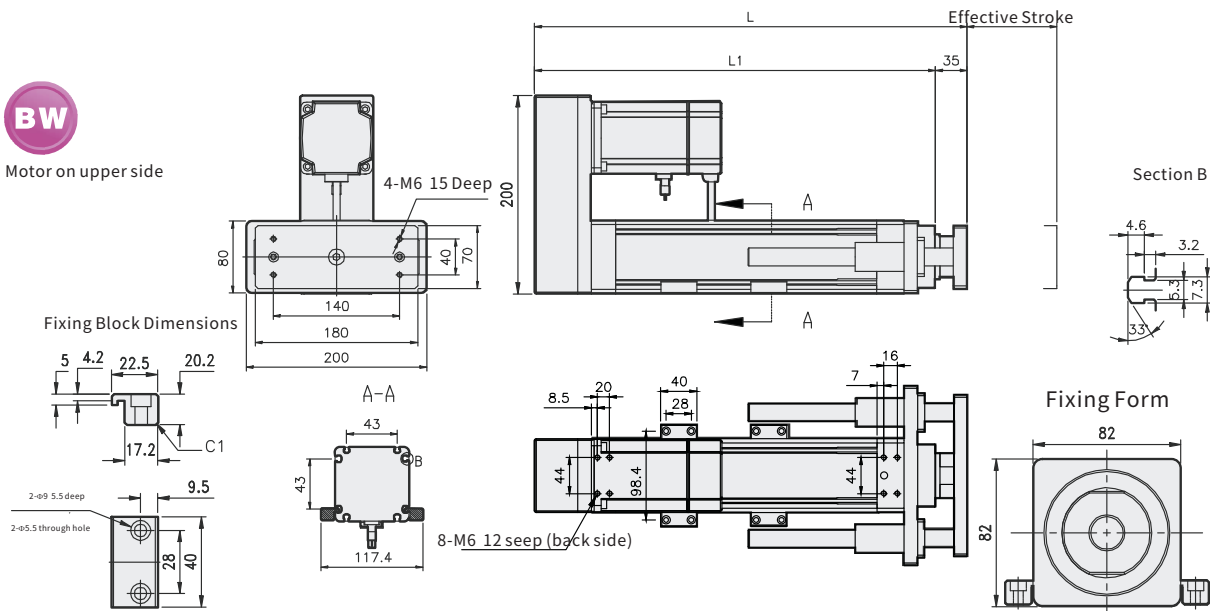
Motor on lower side



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
L	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440	1490	1540	1590
L1	405	455	505	555	605	655	705	755	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505	1555
KG	5.25	5.76	6.27	6.78	7.29	7.81	8.32	8.83	9.34	9.85	10.35	10.86	11.37	11.88	12.39	12.9	13.41	13.92	14.43	14.94	15.45	15.96	16.47	16.98

BW

Motor on upper side



Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
L	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440	1490	1540	1590
L1	405	455	505	555	605	655	705	755	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505	1555
KG	5.25	5.76	6.27	6.78	7.29	7.81	8.32	8.83	9.34	9.85	10.35	10.86	11.37	11.88	12.39	12.9	13.41	13.92	14.43	14.94	15.45	15.96	16.47	16.98