

SEH80Single-Axis



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

Max. Stroke1200mm

Max. Speed1250mm/s

Motor Capacity750W

Ball Screwø25mm

Model Number Designation System

SEH80 -P05 - S100 - BC - M75 B - C 4 - 0001

Model

Stroke
50–1200mm

Brake
B With brake
No indication if there is no brake.

Special Type

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
BL Motor on left side
BR Motor on right 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

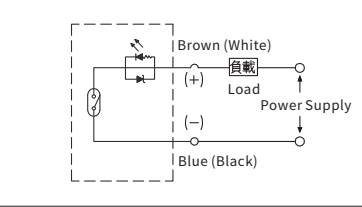
Basic Specifications

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
Components	Standard Stroke		50~1200mm/50mm pitch		
	AC Servo Motor Capacity		750W		
	Ball Screw Outer Diameter		C7 ø25		
	Coupling		17X19		
	Home Sensor	External-mounted	CS–6T		

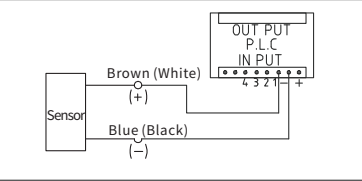
- ※ 1 When the stroke exceeds 300, screw deflection may occur. In this case, please reduce the speed.
- ※ 2 Under normal usage compliant with catalog specifications, the guaranteed service life is 10000km.

Sensor Circuit and Wiring Diagram

General load: Resistive loads such as relays.

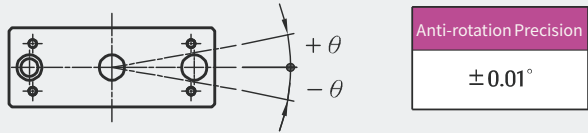


Programmable Controller Wiring Diagram



Anti-rotation Precision

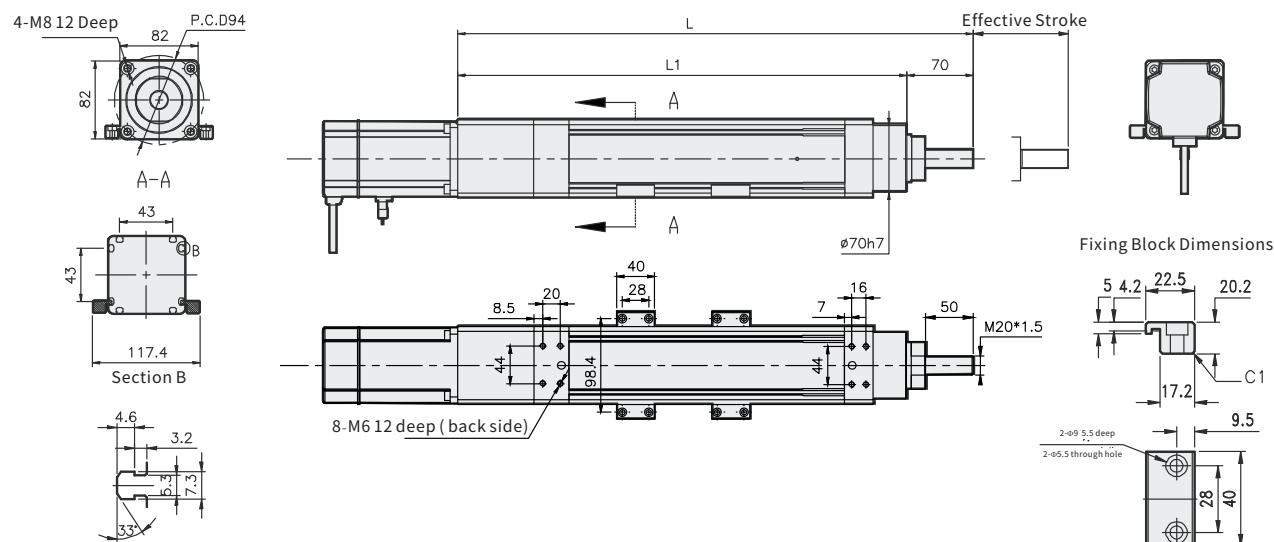
Anti-rotation Precision of the Output Lever



Anti-rotation Precision

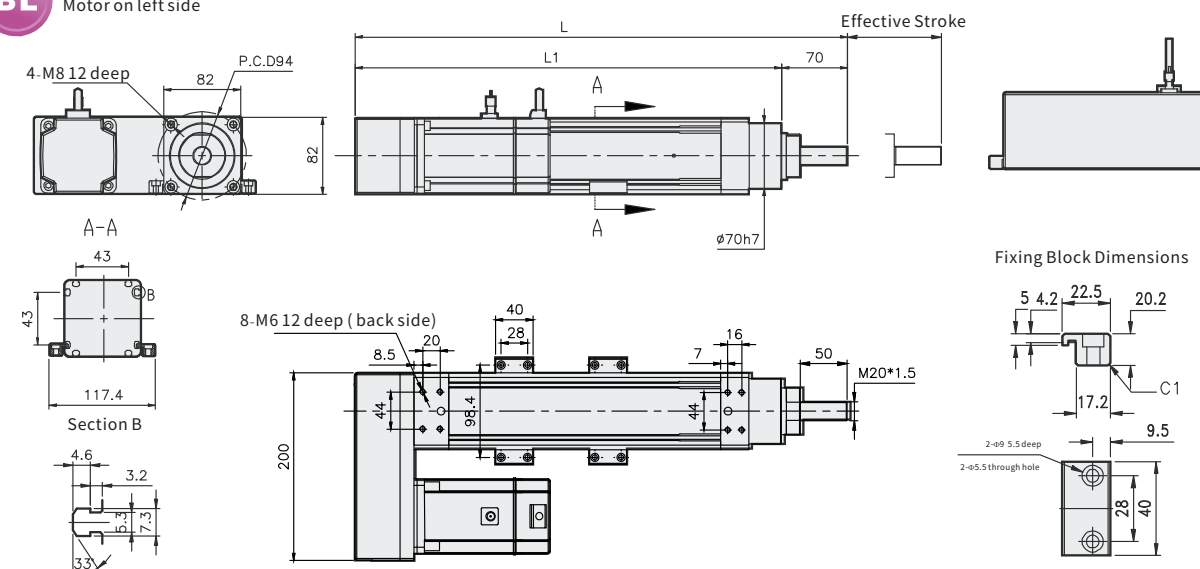
Brand	Mark	Brake	Motor Capacity	Supply Voltage	Servo Motor Model	Driver Model
Mitsubishi	M	No Brake (Horizontal Type)	750	220	HF–KP73	MR–J3–70A
		With Brake (Vertical Type)	750	220	HF–KP73B	MR–J3–70A
Panasonic	P	No Brake (Horizontal Type)	750	220	MHMD082P1S	MBDDT3520
		With Brake (Vertical Type)	750	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



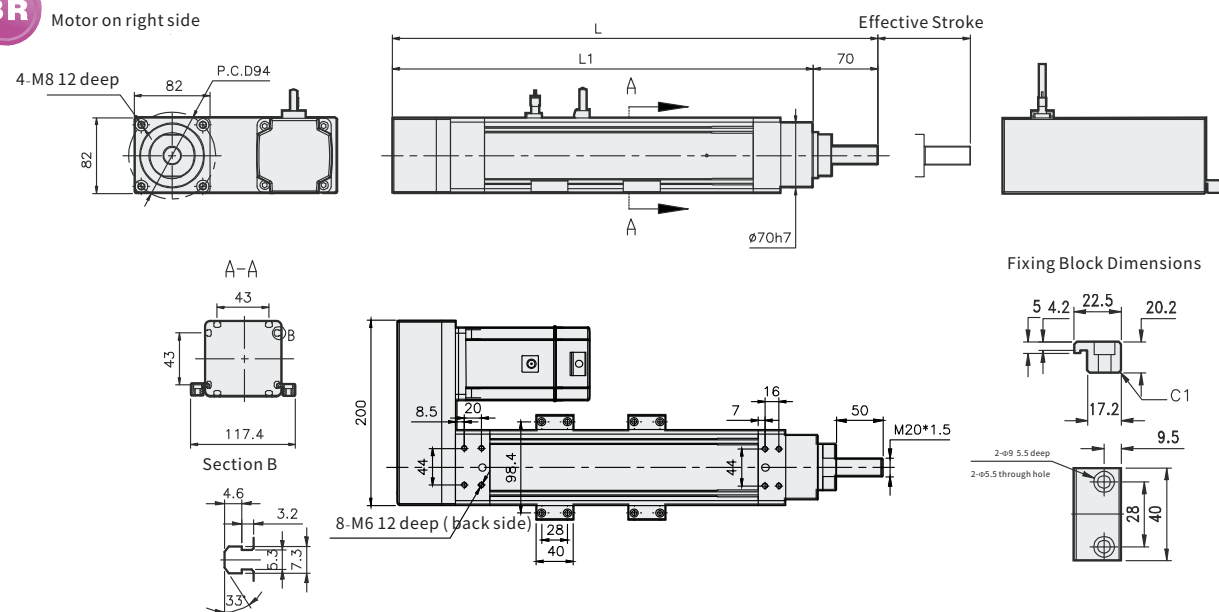
Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1050	1200
L	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642
L1	422	472	522	572	622	672	722	772	822	872	922	972	1022	1072	1122	1172	1222	1272	1322	1372	1422	1472	1522	1572
KG	5.25	5.76	6.27	6.78	7.29	7.81	8.32	8.83	9.34	9.85	10.35	10.85	11.37	11.88	12.39	12.9	13.41	13.92	14.43	14.94	15.45	15.96	16.47	16.98

BL Motor on left side



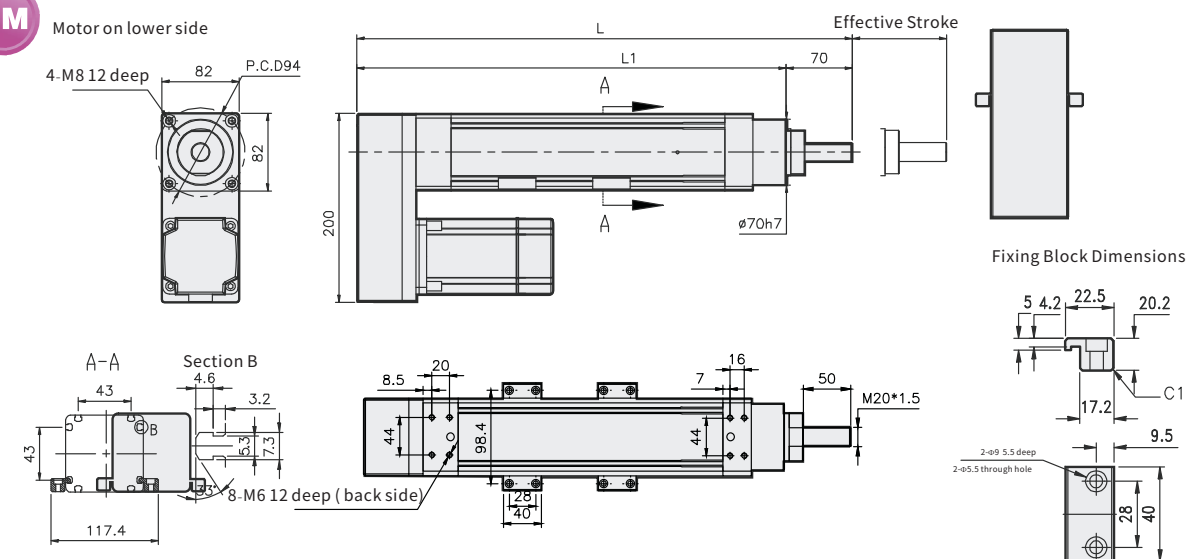
Effective Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
L	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325	1375	1425	1475	1525	1575	1625
L1	405	455	505	555	605	655	705	755	805	855	905	955	1005	1055	1105	1155	1205	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

BR Motor on right 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	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325	1375	1425	1475	1525	1575	1625
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

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	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325	1375	1425	1475	1525	1575	1625
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

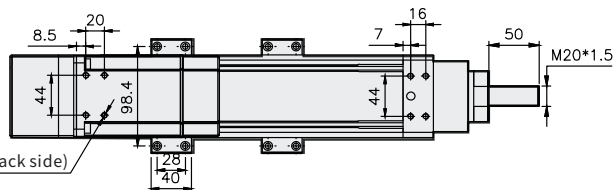
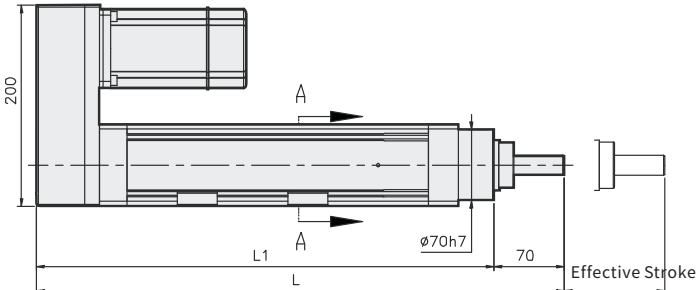
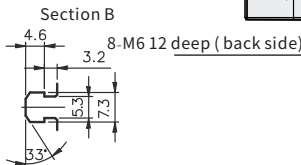
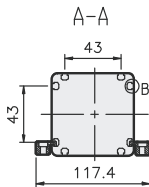
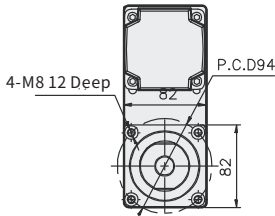
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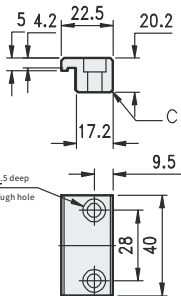


BW

Motor on upper side



Fixing Block Dimensions



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	475	525	575	625	675	725	775	825	875	925	975	1025	1075	1125	1175	1225	1275	1325	1375	1425	1475	1525	1575	1625
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