OYSTEPPER

TOYO® | GTH12 Linear Actuator

GTH12 Large



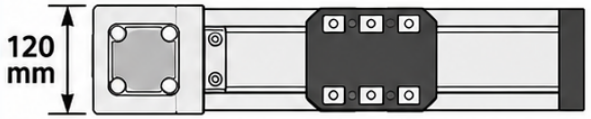
Repeatability: ±0.005 mm

Specifications

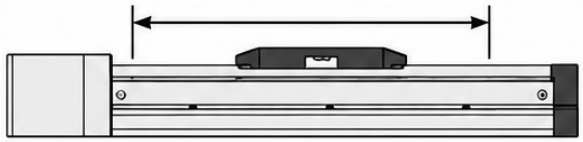
Module Width	120 mm
Ball Screw Lead	5 mm / turn
MAX. Speed	250 mm/s
Effective Stroke	50 mm – 1250 mm
MAX. Horizontal Payload	110 kg
MAX. Vertical Payload	33 kg
Applicable Motor Type	400 W Servo Motor (Not include)
Outer Diameter of Ball Screw	16 mm

Dimensions

Module Width: 120 mm



Effective Stroke:
50 mm – 1250 mm



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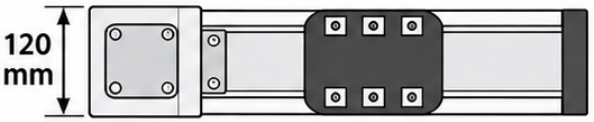
Repeatability: ±0.005 mm

Specifications

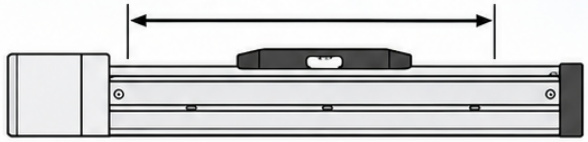
Module Width	*120 mm*
Ball Screw Lead	*10 mm / turn*
MAX. Speed	*500 mm/s*
Effective Stroke	50 mm – 1250 mm
MAX. Horizontal Payload	88 kg
MAX. Vertical Payload	22 kg
Applicable Motor Type	400 W Servo Motor (Not include)
Outer Diameter of Ball Screw	16 mm

Dimensions

Module Width: 120 mm



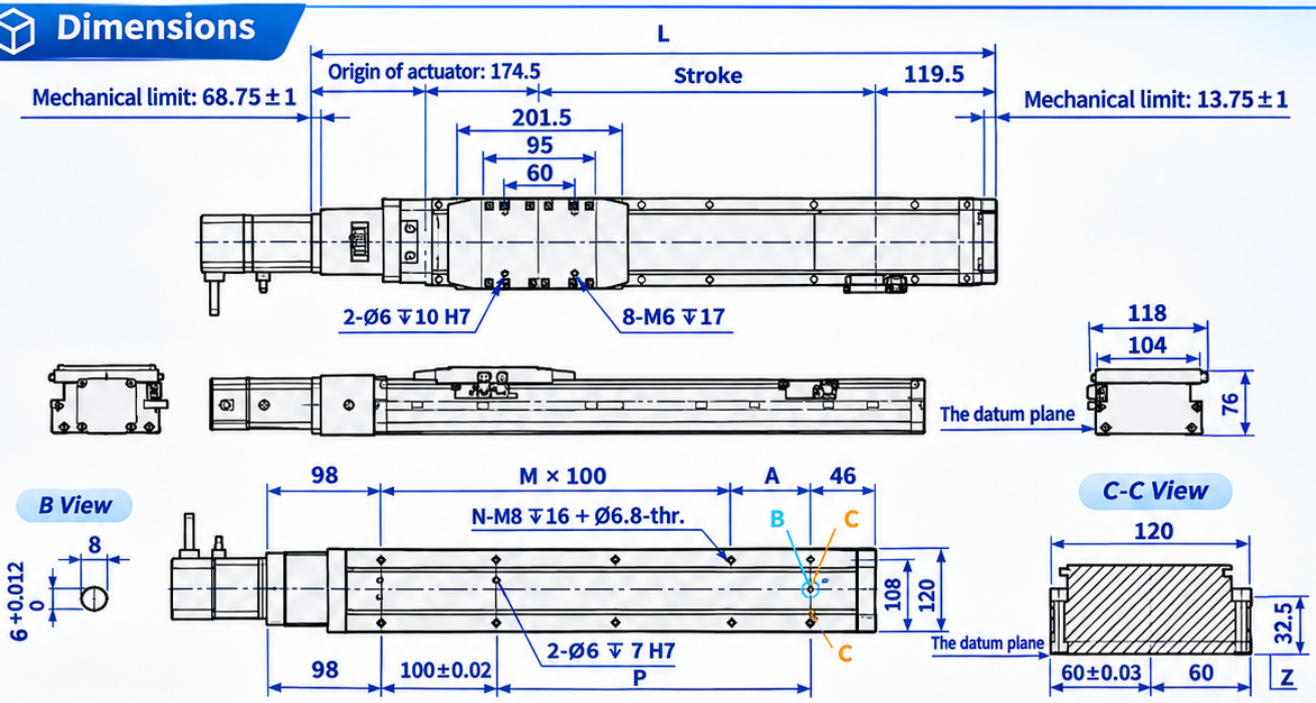
Effective Stroke:
50 mm – 1250 mm



GTH12 | 120 mm Width Rail Built-in Linear Motion Stage

Motor front mounting bracket (Supports customized left/right motor mounting bracket)

Dimensions



Specification Table

Stroke (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1250
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1244	1294	1344	1394	1444	1494	1544
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	12	12	13
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	22	22	24	24	26	26	28	28	30
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1150	1200	1250	1300
KG	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9	9.25	9.6	9.95	10.3	10.65	11	11.35	11.7	12.05	12.4	12.75	13.45

Note

When the stroke is 50 mm, if fixing the body from the top to the bottom, the fixing hole will be blocked slider and only can be uses 4 screws to fix; as a result, suggest that fixing actuator body from the bottom to the top.