

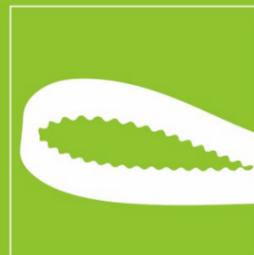
GTB Series

Clean Room/Belt Type



CONTENTS

Belt Type Driven



Long Stroke, High Speed

Belt drive module can easily achieve long travel conditions and large range of motion. Aluminum extruded structure with slide rails, belt and pulley design, which saves you cost and time in the assembly stage. Maximum stroke is up to 3050mm. Line speed up to 2000mm/s to improve the productivity of the machine.

GTB5



Width: 54mm
Max.stroke: 800mm...327
Max.payload: 3kg

GTB12



Width: 120mm
Max.stroke: 3050mm...337
Max.payload: 25kg

GTB8



Width: 82mm
Max.stroke: 1400mm...331
Max.payload: 15kg

Standard Belt Actuator

Environment	Driven Mode	Specification	Reducer Mechanism	Motor Output (w)	Width(mm)	Repeatability (mm)	Belt Spec		Maximum Payload(kg)		Maximum Speed (mm/s)	Stroke(mm) & Maximum Speed(mm/s)																				Page																				
							Belt Width(mm)	Lead(mm)	Horizontal	Vertical		Stroke	Speed																																							
Standard Environment	Timing Belt	GTB5	No	100W	54	±0.04	10	40	5	/	2000	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	327
		GTB8	Yes	200W	82	±0.04	20	40	15	/	2000	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	331
		GTB12		400W	120	±0.04	30	40	25	/	2000	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	337

GTB5 1-axis Belt Drive

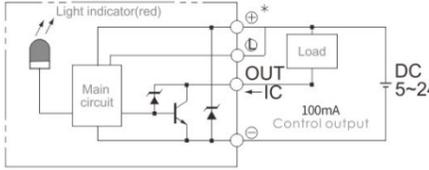
GTB5 1-axis



Specification

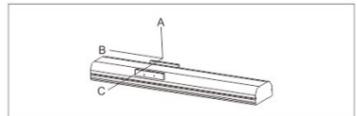
Spec	Repeatability (mm)	±0.04	
	Lead (mm)	40	
	Maximum Speed (mm/s)	2000	
	Maximum Payload	Horizontal (kg)	3
		Vertical (kg)	
Parts	Rated Thrust (N)	42	
	Stroke Pitch (mm)	200-800mm/50 mm Pitch	
	AC Servo Motor Output (w)	100	
	Belt Width	10	
	Home Sensor	Outside	EE-SX674(NPN)

Sensor Layout



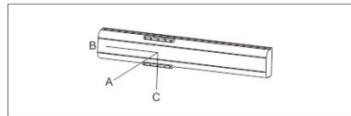
※ Acceleration and deceleration value is set 0.4 second.

Allowable Moment



(Unit: mm)

Horizontal Installation	A	B	C
2kg	323	61	112
3kg	209	39	72



(Unit: mm)

Wall Installation	A	B	C
2kg	105	57	303
3kg	67	36	195

Ordering Method

GTB5 - L 40 - 100 - L - P10 - C4 - 0001

Model: GTB5, Stroke: 100mm, Belt Type: L (Clean belt), Motor code: P10, Original and limit switch: C4, Special Order No.: 0001

Belt Type

L	Clean belt
X	Rubber belt

Stroke

200-800mm
50 mm Pitch

Motor code

T	10	100W
P	Panasonic servo It generally refers to Mingzhi, Inovance, HCFA, Delta, Yaskawa, Mitsubishi and other	
T	10	100W
B	57/60	Stepping motor frame number

Original and limit switch

C4	External 3 NPN photoelectric switches
C4P	External 3 PNP photoelectric switches
E5	Without switches, it is equipped with sensing plate and bracket
E0	Without switches, sensing plate and bracket

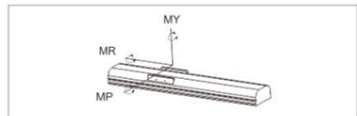
Lead

40	40mm
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Motor location

BW	Motor Upper Side	BM	Motor Bottom Side
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Static Loading Moment



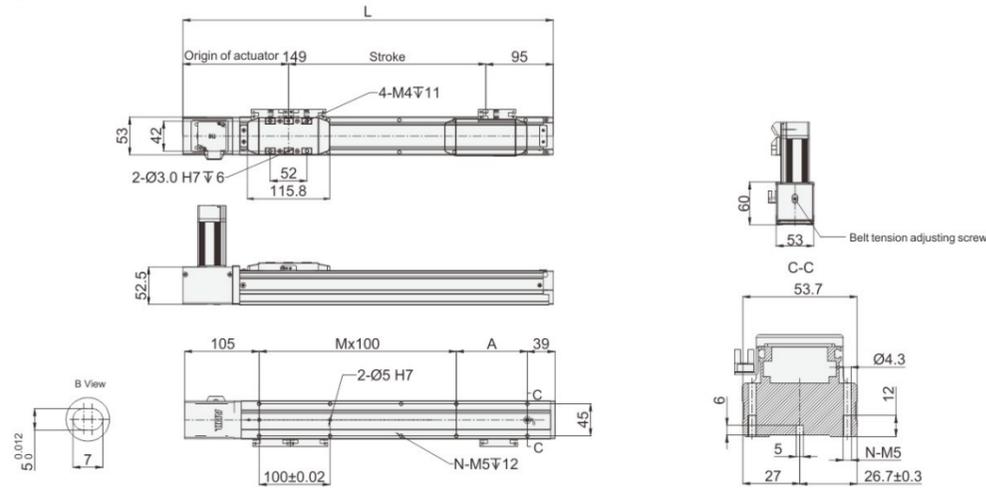
(Unit: mm)

MY	16
MP	20
MR	19

※ The torque value in the chart indicate the center of gravity.
 ※ Operation life is 10,000km when the product is using under the specified conditions.
 ※ Data information is not for ceiling-mount inverse use. Contact us for the details if you want to apply ceiling-mount inverse usage.

BW Motor Upper Side

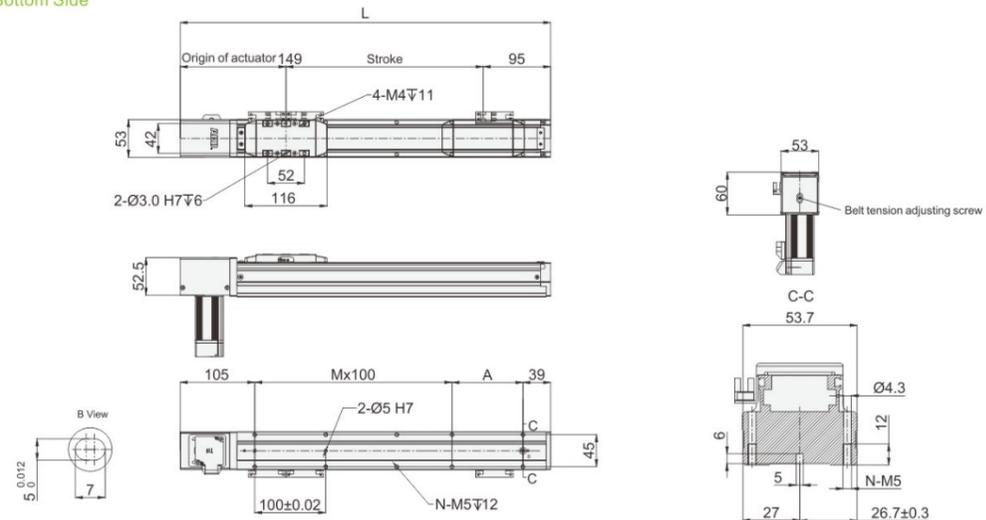
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800
L	444	494	544	594	644	694	744	794	844	894	944	994	1044
A	100	50	100	50	100	50	100	50	100	50	100	50	100
M	2	3	3	4	4	5	5	6	6	7	7	8	8
N	8	10	10	12	12	14	14	16	16	18	18	20	20

BM Motor Bottom Side

(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800
L	444	494	544	594	644	694	744	794	844	894	944	994	1044
A	100	50	100	50	100	50	100	50	100	50	100	50	100
M	2	3	3	4	4	5	5	6	6	7	7	8	8
N	8	10	10	12	12	14	14	16	16	18	18	20	20

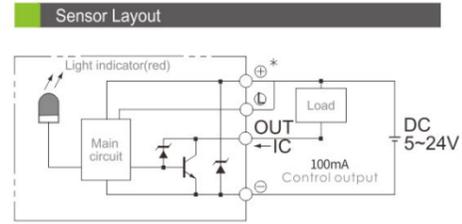
MEMO

GTB8 1-axis Belt Drive

GTB8 1-axis



Specification			
Spec	Repeatability (mm)	±0.04	
	Lead (mm)	40	
	Maximum Speed (mm/s)	2000	
	Maximum Payload	Horizontal (kg)	15
		Vertical (kg)	
Parts	Rated Thrust (N)	90	
	Stroke Pitch (mm)	50-1400mm/50 mm Pitch	
	AC Servo Motor Output (w)	200	
	Belt Width	20	
	Coupling (mm)	15x14or11 ^(Notes1)	
Home Sensor	Outside	EE-SX674(NPN)	



* Acceleration and deceleration value is set 0.4 second.
Notes1: Motor (200W) Shaft Diameter: Panasonic: 11mm; Other: 14mm.

Allowable Moment

Horizontal Installation	A	B	C
5kg	850	332	395
10kg	560	185	226
15kg	473	135	156

(Unit: mm)

Wall Installation	A	B	C
5kg	355	310	532
10kg	210	196	455
15kg	171	155	435

(Unit: mm)

Ordering Method

GTB8 - L 40 - 1000 - L - P20 - C4 - 0001

Model: GTB8, Stroke: 1000mm, Motor location: L, Motor code: P20, Original and limit switch: C4, Special Order No.: 0001

Belt Type

L	Clean belt
X	Rubber belt

Lead

40	40mm
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Motor location

L	Motor Left Side	R	Motor Right Side
LU	Motor Left Upper Side	RU	Motor Right Upper Side
LD	Motor Left Lower Side	RD	Motor Right Lower Side
LT	Reducer With Motor Left Side	RT	Reducer With Motor Right Side
LL	Motor Shaft Left Side	RR	Motor Shaft Right Side

Motor code

T	20	
P	Panasonic servo	
T	It generally refers to Mingzhi, Inovance, HCFA, Delta, Yaskawa, Mitsubishi and other	20 200W
B	Standard stepping motor	57/60 Stepping motor frame number

Original and limit switch

C4	External 3 NPN photoelectric switches
C4P	External 3 PNP photoelectric switches
E5	Without switches, it is equipped with sensing plate and bracket
E0	Without switches, sensing plate and bracket

Static Loading Moment

MY	318
MP	318
MR	626

(Unit: mm)

* The torque value in the chart indicate the center of gravity.
* Operation life is 10,000km when the product is using under the specified conditions.
* Data information is not for ceiling-mount inverse use. Contact us for the details if you want to apply ceiling-mount inverse usage.

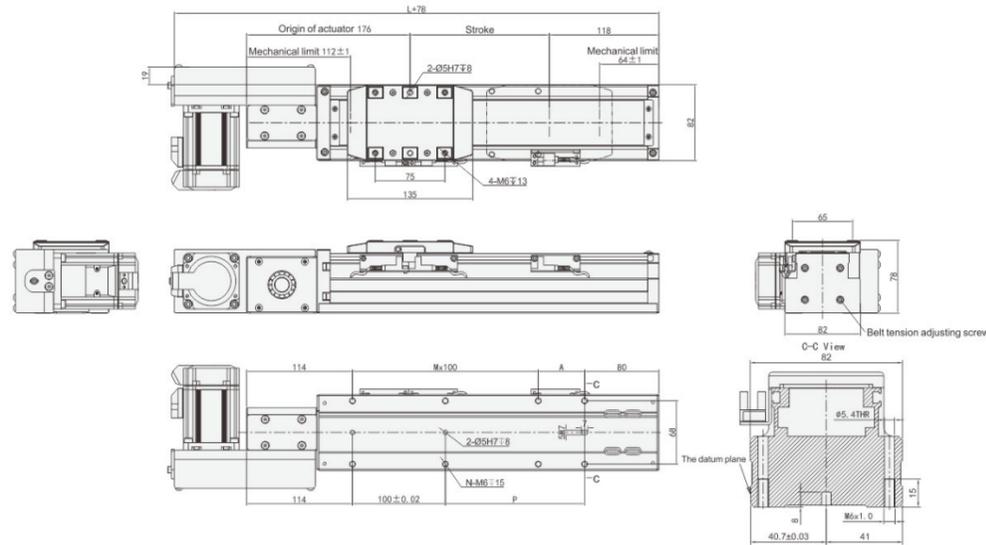
GTB8 1-axis

Belt Drive

GTB8 1-axis

L Motor Left Side

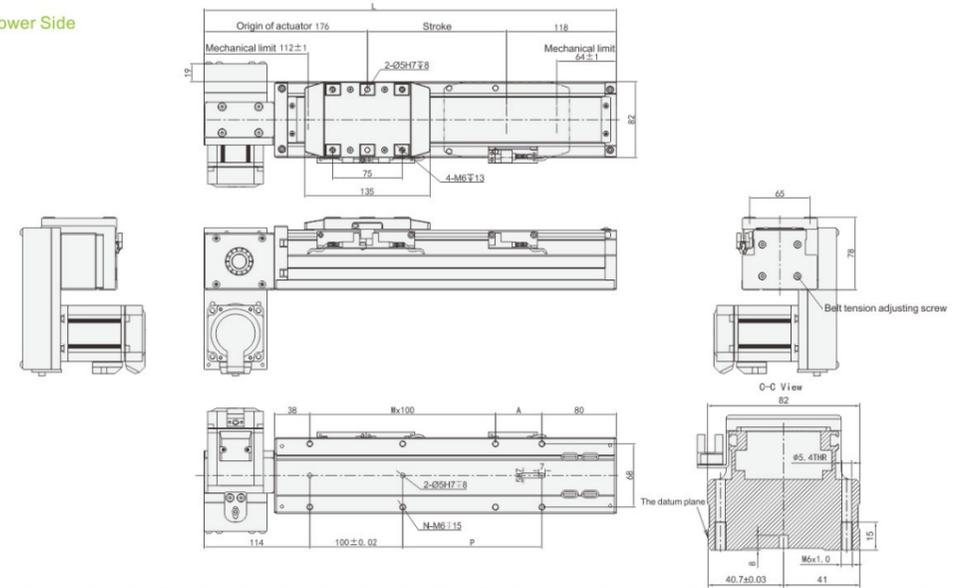
(Unit: mm)



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	1250	1300	1350	1400
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1194	1244	1294	1344	1394	1444	1494	1544	1594	1644	1694
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	4.15	4.42	4.69	4.97	5.25	5.52	5.80	6.07	6.35	6.63	6.90	7.17	7.44	7.71	7.98	8.25	8.52	8.79	9.06	9.33	9.60	9.87	10.14	10.41	10.68	10.95	11.22	11.49

LD Motor Left Lower Side

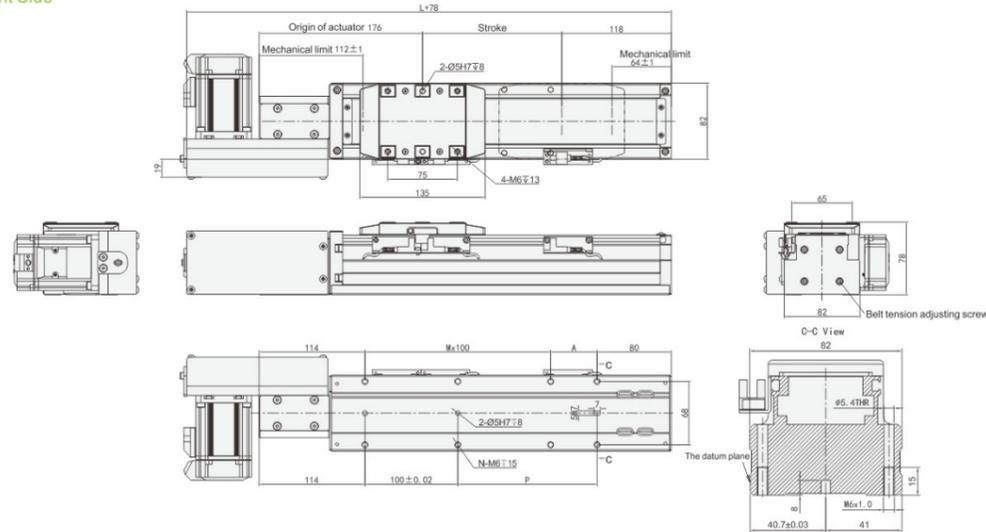
(Unit: mm)



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	1250	1300	1350	1400
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1194	1244	1294	1344	1394	1444	1494	1544	1594	1644	1694
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	4.15	4.42	4.69	4.97	5.25	5.52	5.80	6.07	6.35	6.63	6.90	7.17	7.44	7.71	7.98	8.25	8.52	8.79	9.06	9.33	9.60	9.87	10.14	10.41	10.68	10.95	11.22	11.49

R Motor Right Side

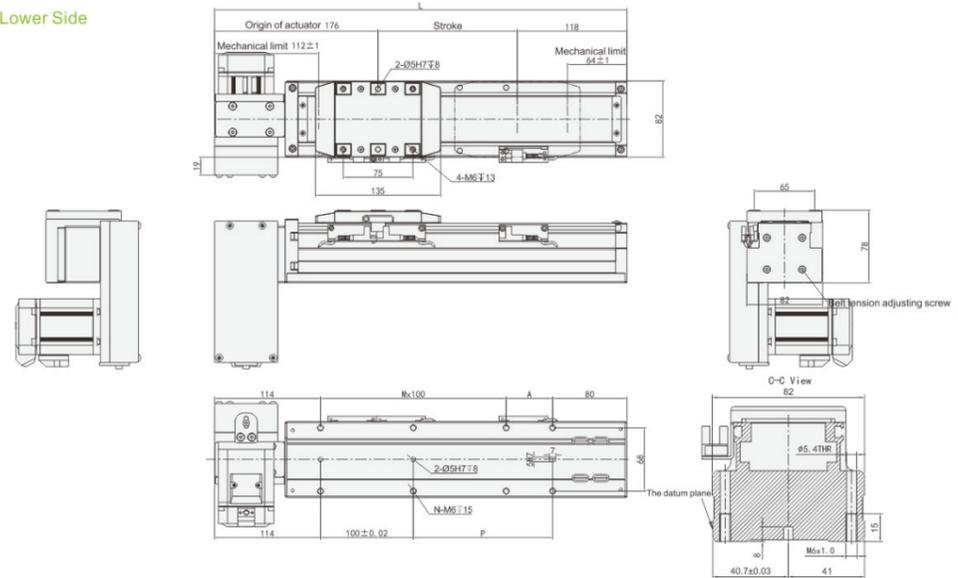
(Unit: mm)



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	1250	1300	1350	1400
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1194	1244	1294	1344	1394	1444	1494	1544	1594	1644	1694
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	4.15	4.42	4.69	4.97	5.25	5.52	5.80	6.07	6.35	6.63	6.90	7.17	7.44	7.71	7.98	8.25	8.52	8.79	9.06	9.33	9.60	9.87	10.14	10.41	10.68	10.95	11.22	11.49

RD Motor Right Lower Side

(Unit: mm)



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	1250	1300	1350	1400
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1194	1244	1294	1344	1394	1444	1494	1544	1594	1644	1694
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	4.15	4.42	4.69	4.97	5.25	5.52	5.80	6.07	6.35	6.63	6.90	7.17	7.44	7.71	7.98	8.25	8.52	8.79	9.06	9.33	9.60	9.87	10.14	10.41	10.68	10.95	11.22	11.49

GTB12 1-axis

Belt Drive

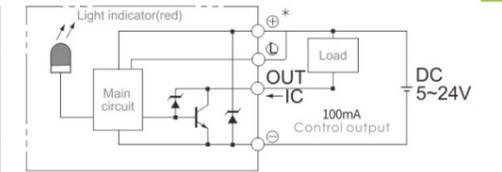
GTB12 1-axis



Specification

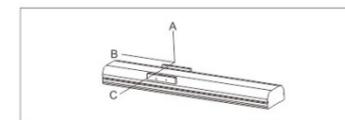
Spec	Repeatability (mm)	±0.04	
	Lead (mm)	40	
	Maximum Speed (mm/s)	2000	
	Maximum Payload	Horizontal (kg)	25
		Vertical (kg)	
Parts	Rated Thrust (N)	185	
	Stroke Pitch (mm)	200-2000mm / 50 mm Pitch	
	AC Servo Motor Output (w)	400	
	Belt Width	30	
	Coupling (mm)	15x12.5	
Home Sensor	Outside	EE-SX674(NPN)	

Sensor Layout



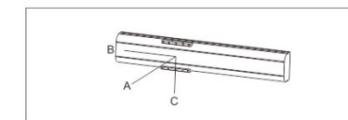
*Acceleration and deceleration value is set 0.4 second.

Allowable Moment



(Unit: mm)

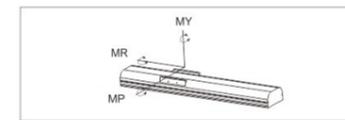
Horizontal Installation	A	B	C
10kg	1794	688	538
20kg	858	324	253
25kg	670	251	197



(Unit: mm)

Wall Installation	A	B	C
10kg	348	446	1170
18kg	285	365	961
25kg	197	251	670

Static Loading Moment



(Unit: mm)

MY	551
MP	552
MR	485

*The torque value in the chart indicate the center of gravity.
 *Operation life is 10,000km when the product is using under the specified conditions.
 *Data information is not for ceiling-mount inverse use. Contact us for the details if you want to apply ceiling-mount inverse usage.

Ordering Method

GTB12 - L 40 - 1000 - L - P40 - C4 - 0001

Model GTB12 - **L** 40 - 1000 - **L** - P40 - C4 - 0001

Stroke 200-2000mm
50 mm Pitch

Belt Type

L	Clean belt
X	Rubber belt

Motor location

L	Motor Left Side	R	Motor Right Side
LU	Motor Left Upper Side	RU	Motor Right Upper Side
LD	Motor Left Lower Side	RD	Motor Right Lower Side
LT	Reducer With Motor Left Side	RT	Reducer With Motor Right Side
LL	Motor Shaft Left Side	RR	Motor Shaft Right Side

Motor code

T	40	
P	Panasonic servo	
T	It generally refers to Mingzhi, Inovance, HCFA, Delta, Yaskawa, Mitsubishi and other	40 400W
B	Standard stepping motor	57/60/86 Stepping motor frame number

Original and limit switch

C4	External 3 NPN photoelectric switches
C4P	External 3 PNP photoelectric switches
E5	Without switches, it is equipped with sensing plate and bracket
E0	Without switches, sensing plate and bracket

Lead

40	40mm
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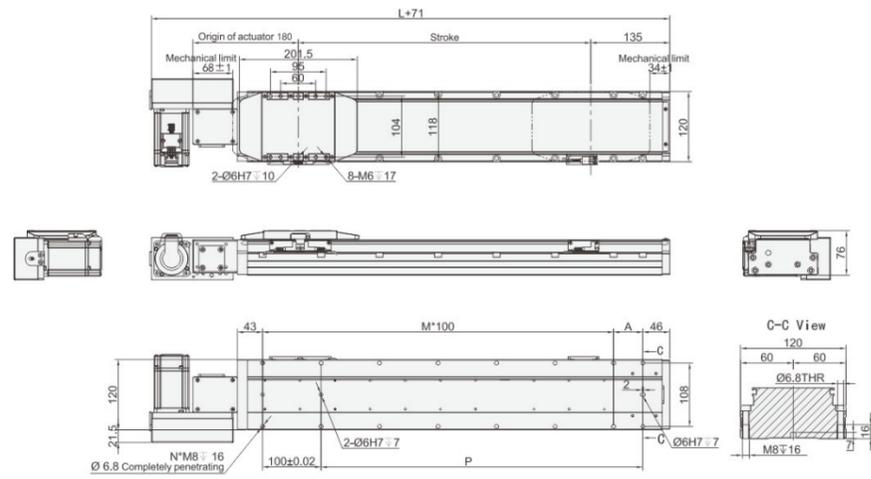
GTB12 1-axis

Belt Drive

GTB12 1-axis

L Motor Left Side

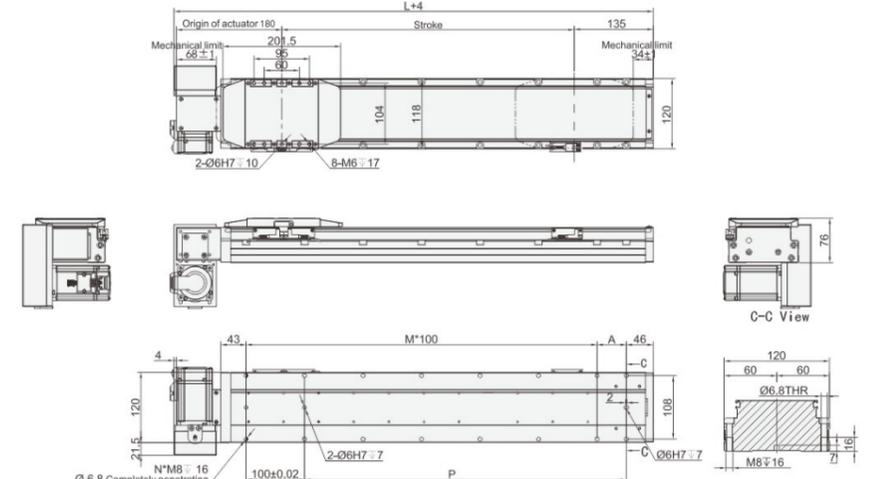
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050
KG	6.97	7.39	7.81	8.23	8.65	9.07	9.49	9.91	10.33	10.75	11.17	11.59	12.01	12.43	12.85	13.27	13.69	14.11	14.53	14.95	15.37	15.79	16.21	16.63	17.05	17.47	17.89	18.31	18.73	19.15	19.57	19.99	20.41	20.83	21.25	21.67	22.09

LD Motor Left Lower Side

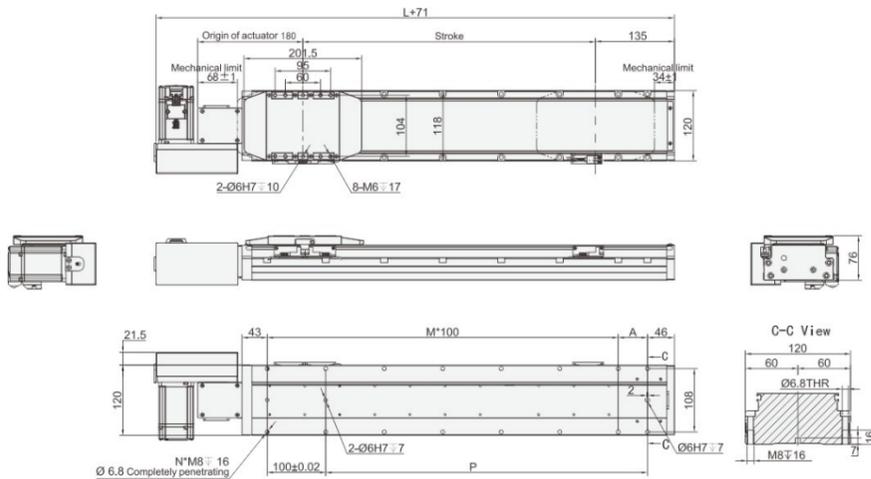
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050
KG	7.21	7.63	8.05	8.47	8.89	9.31	9.73	10.15	10.57	10.99	11.41	11.83	12.25	12.67	13.09	13.51	13.93	14.35	14.77	15.19	15.61	16.03	16.45	16.87	17.29	17.71	18.13	18.55	18.97	19.39	19.81	20.23	20.65	21.07	21.49	21.91	22.33

R Motor Right Side

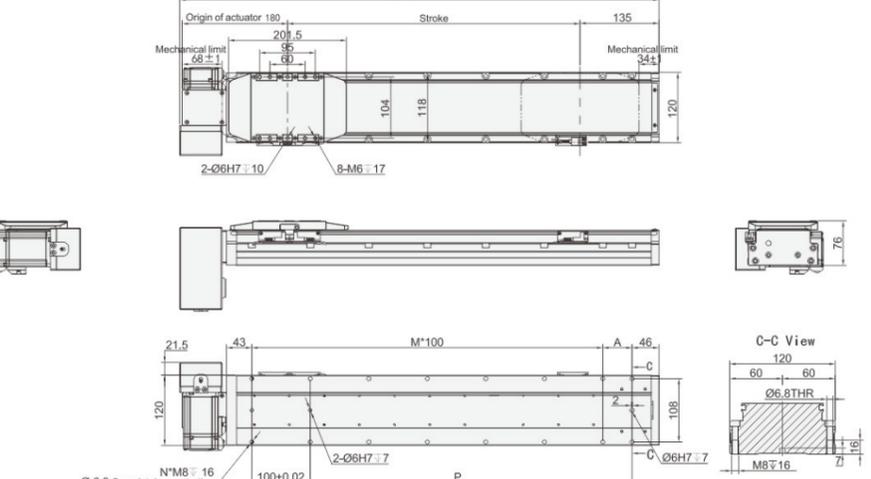
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050
KG	7.21	7.63	8.05	8.47	8.89	9.31	9.73	10.15	10.57	10.99	11.41	11.83	12.25	12.67	13.09	13.51	13.93	14.35	14.77	15.19	15.61	16.03	16.45	16.87	17.29	17.71	18.13	18.55	18.97	19.39	19.81	20.23	20.65	21.07	21.49	21.91	22.33

RD Motor Right Lower Side

(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050
KG	7.21	7.63	8.05	8.47	8.89	9.31	9.73	10.15	10.57	10.99	11.41	11.83	12.25	12.67	13.09	13.51	13.93	14.35	14.77	15.19	15.61	16.03	16.45	16.87	17.29	17.71	18.13	18.55	18.97	19.39	19.81	20.23	20.65	21.07	21.49	21.91	22.33

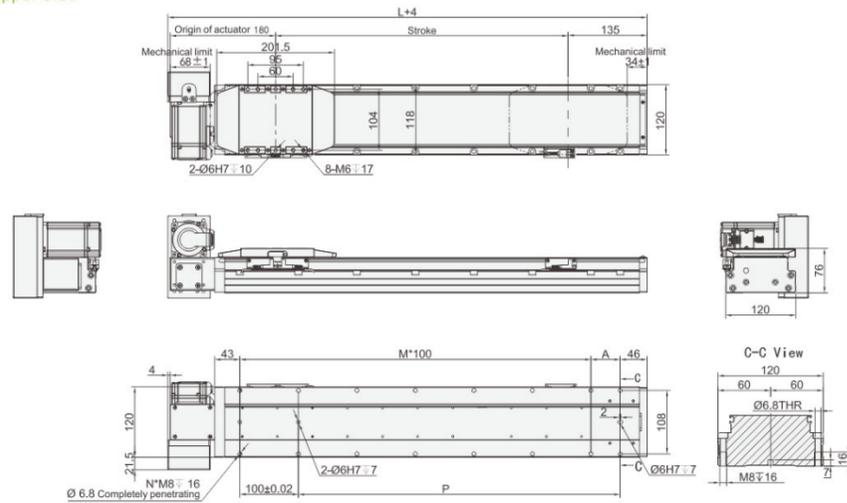
GTB12 1-axis

Belt Drive

GTB12 1-axis

LU Motor Left Upper Side

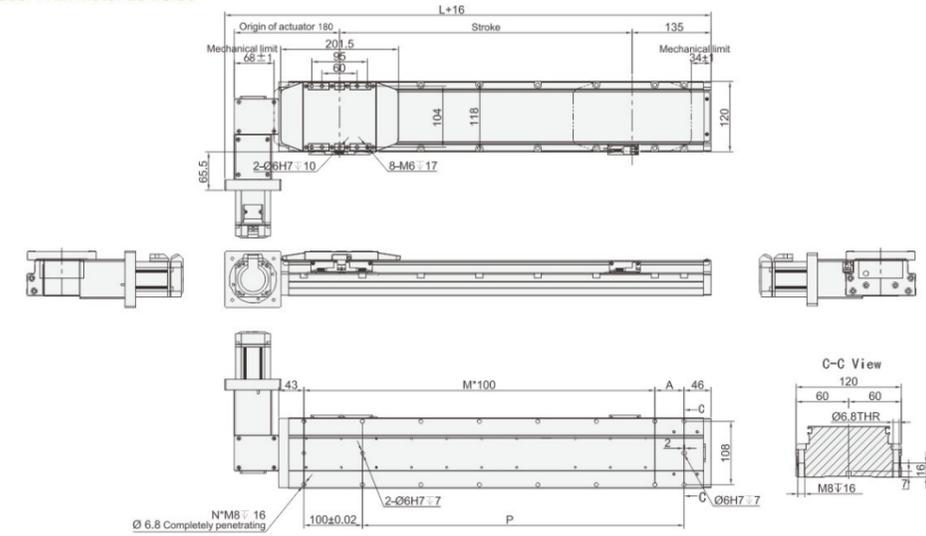
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000		
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315		
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21		
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46		
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050		
KG	7.21	7.63	8.05	8.47	8.89	9.31	9.73	10.15	10.57	10.99	11.41	11.83	12.25	12.67	13.09	13.51	13.93	14.35	14.77	15.19	15.61	16.03	16.45	16.87	17.29	17.71	18.13	18.55	18.97	19.39	19.81	20.23	20.65	21.07	21.49	21.91	22.33		

LT Reducer With Motor Left Side

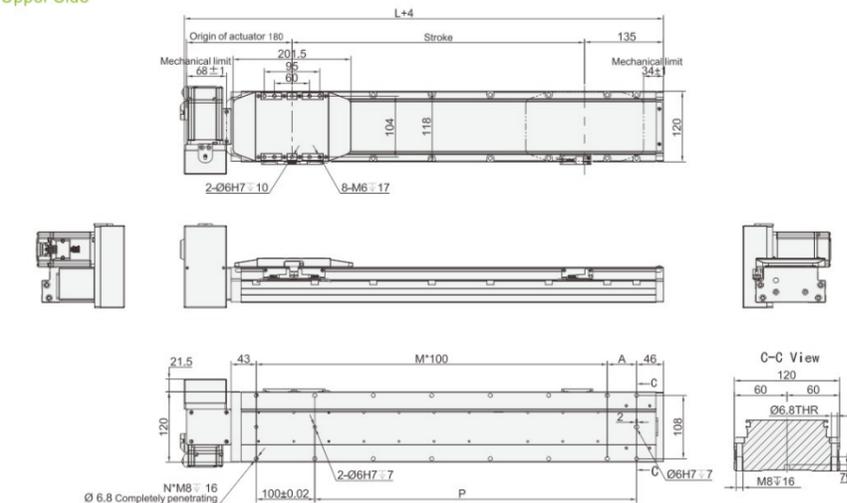
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000		
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315		
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21		
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46		
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050		
KG	6.97	7.39	7.81	8.23	8.65	9.07	9.49	9.91	10.33	10.75	11.17	11.59	12.01	12.43	12.85	13.27	13.69	14.11	14.53	14.95	15.37	15.79	16.21	16.63	17.05	17.47	17.89	18.31	18.73	19.15	19.57	19.99	20.41	20.83	21.25	21.67	22.09		

RU Motor Right Upper Side

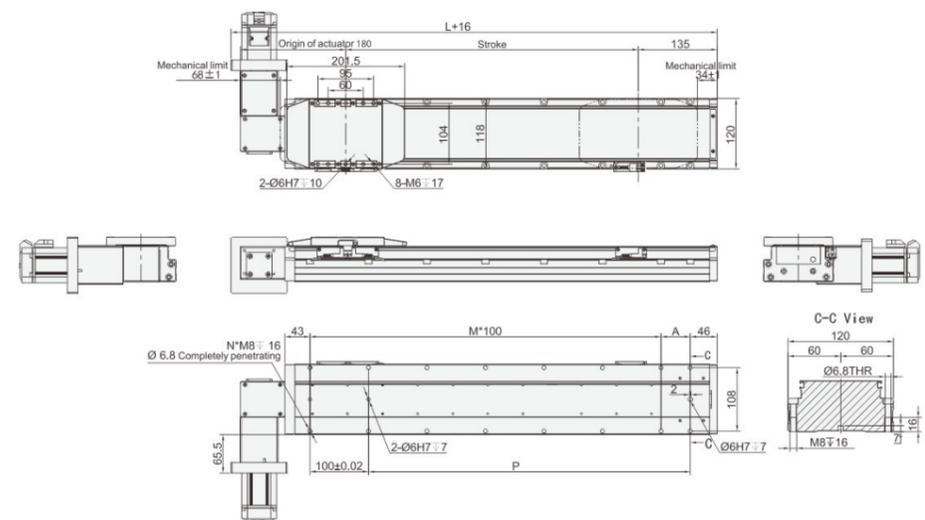
(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000		
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315		
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21		
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46		
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050		
KG	7.21	7.63	8.05	8.47	8.89	9.31	9.73	10.15	10.57	10.99	11.41	11.83	12.25	12.67	13.09	13.51	13.93	14.35	14.77	15.19	15.61	16.03	16.45	16.87	17.29	17.71	18.13	18.55	18.97	19.39	19.81	20.23	20.65	21.07	21.49	21.91	22.33		

RT Reducer With Motor Right Side

(Unit: mm)



stroke	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000		
L	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465	1515	1565	1615	1665	1715	1765	1815	1865	1915	1965	2015	2065	2115	2165	2215	2265	2315		
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21		
N	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46		
P	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050		
KG	6.97	7.39	7.81	8.23	8.65	9.07	9.49	9.91	10.33	10.75	11.17	11.59	12.01	12.43	12.85	13.27	13.69	14.11	14.53	14.95	15.37	15.79	16.21	16.63	17.05	17.47	17.89	18.31	18.73	19.15	19.57	19.99	20.41	20.83	21.25	21.67	22.09		