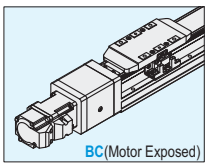
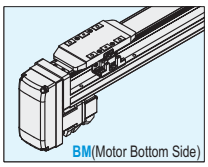
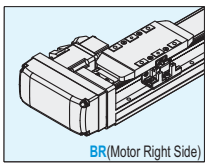
Code	Base		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YCTH5	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	—	Aluminum Alloy	Anodize	0~40℃ 35~85%RH No Condensation

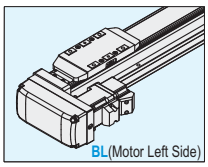
This product does not include a motor, the motor must be purchased separately.



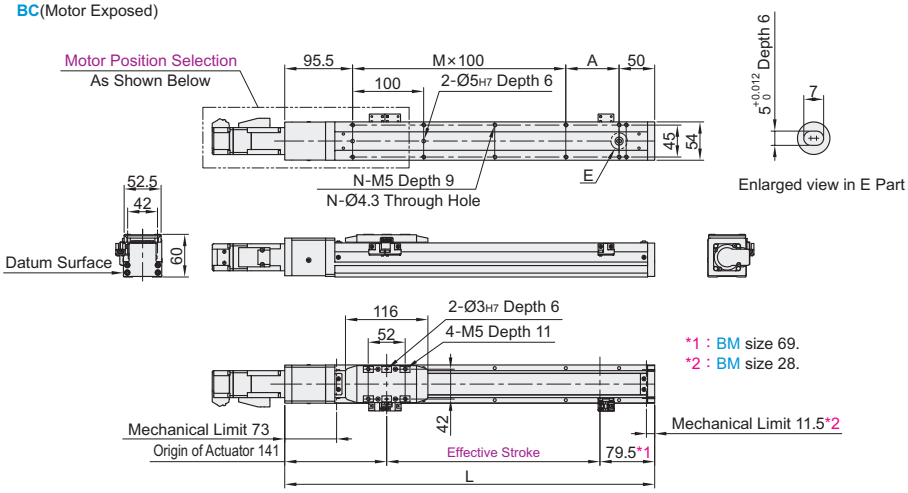






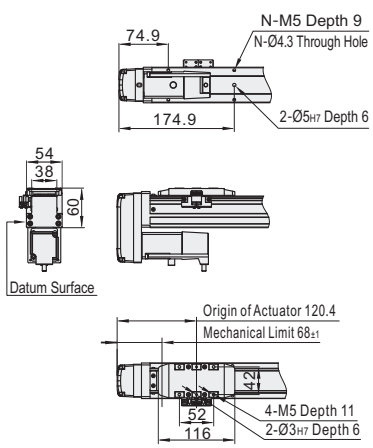


Motor Position :
BC(Motor Exposed)

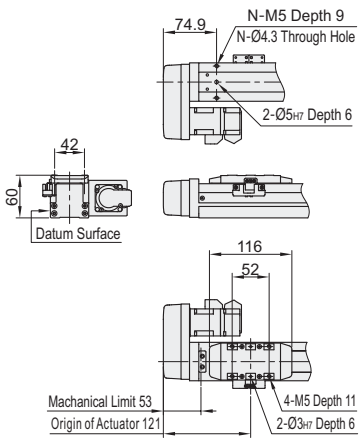


Motor Position Selection

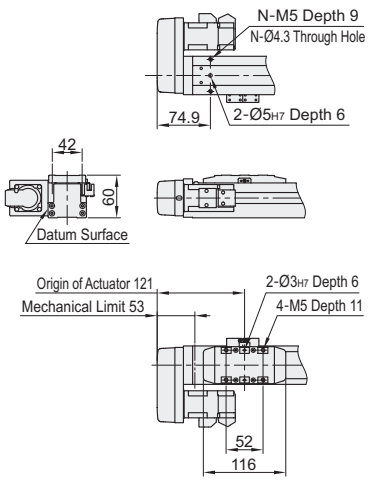
BM(Motor Bottom Side)



BR(Motor Right Side)



BL(Motor Left Side)



Part Number Code	Part Number Ball Screw Lead	Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Brake	Home Sensor	Limit Sensor
YCTH5	5 10	50~800 Non-standard stroke can be customized	BC(Motor Exposed) BM(Motor Bottom Side) BR(Motor Right Side) BL(Motor Left Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	10(100W Servo) 42(42 Stepping) ! 42 Stepping Only applicable to Leadshine brand.	N(Without Brake) B(With Brake) ! If the sliding table is used vertically, please choose the belt brake motor.	Out Side C(Motor Side) D(OppoSite Motor Side) No Sensor E(No Sensor)	Out Side 3(1 Pc) 4(2 Pcs) No Sensor 5(No Sensor)

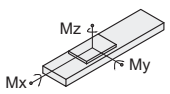
Specification

Recommended Motor Output			42 Stepping		100W Servo	
Spec	Positioning Repeatability(mm)		±0.01		±0.01	
	Ball Screw Lead(mm)		5	10	5	10
	Max Speed(mm/s)		250	500	250	500
	Maximum Payload(kg)	Horizontal	30	15	30	15
		Vertical	10	5	10	5
	Rated Thrust(N)		341	170	341	170
	Effective Stroke(mm)		50~800(50mm Pitch)			
Parts	Ball Screw O.D.(mm)		12			
	Guide Type		Built-in			
	Home Sensor	Out Side	EE-SX674(NPN)			

! Please contact us for OMRON Brand or PNP Sensor.

Allowable Moment Table

Mxd	144N.m
Myd	103N.m
Mzd	103N.m



The torque value in the table is dynamic allowable torque based on the running life of sliding table of 10000km.
Torque conditions:
Mx/Mxd+My/Myd+Mz/Mzd≤1
(Mx、My、Mz are the actual moments in each direction)

Explanation
1. The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
2. The data in the table is based on the rated life of 10000km.
3. The repeated positioning accuracy in the table is a unidirectional value.
4. The maximum speed of the lead screw drive slider is reached after a certain travelNeed to be reduced.In order to avoid the resonance of the sliding table, different travel corresponding please refer to the table below for the maximum speed.
5. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not workreach top speed.
6. If the sliding table is used vertically, please choose the belt brake motor.

Dimension Table

Motor Position	Dimension	Stroke															
		50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
BC (Motor Exposed)	L	270.5	320.5	370.5	420.5	470.5	520.5	570.5	620.5	670.5	720.5	770.5	820.5	870.5	920.5	970.5	1020.5
	A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
	M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
	N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
	Weight(kg)※	2.23	2.42	2.62	2.82	3.01	3.21	3.41	3.6	3.8	4	4.19	4.39	4.59	4.78	4.98	5.18
BM (Motor Bottm Side)	L	250.5	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
	A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
	M	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7
	N	4	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18
	Weight(kg)※	2.4	2.59	2.79	2.99	3.18	3.38	3.58	3.77	3.97	4.17	4.36	4.56	4.76	4.95	5.15	5.35
BR (Motor Right Side)	L	250.5	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
	A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
	M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
	N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
	Weight(kg)※	2.4	2.59	2.79	2.99	3.18	3.38	3.58	3.77	3.97	4.17	4.36	4.56	4.76	4.95	5.15	5.35
BL (Motor Left Side)	L	250.5	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
	A	25	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
	M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
	N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
	Weight(kg)※	2.4	2.59	2.79	2.99	3.18	3.38	3.58	3.77	3.97	4.17	4.36	4.56	4.76	4.95	5.15	5.35

※ Not include motor weight.

List of servo motor which should be matched

Brand	Motor Mark	Brake	Watt	Servo Motor Model	Driver Model
Panasonic	P	Without Brake(Horizontal)	100W	MSMF012L1U2M	MADLN05SE
		With Brake(Vertical)		MSMF012L1V2M	
Mitsubishi	M	Without Brake(Horizontal)		HG-KN13J-S100	MR-JE-10A
		With Brake(Vertical)		HG-KN13BJ-S100	
Delta(B2)	T	Without Brake(Horizontal)		ECMA-C20401GS	ASD-B2-0121-B
		With Brake(Vertical)		ECMA-C20401FS	

! Please consult our staff for other types of motor .
! The models listed in the table are motor and driver models sold on our official website. Only modular mechanical parts are provided for standard single axis robot models , without motors and drivers.

Please order as shown

Part Number Code	Part Number Ball Screw Lead	Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Brake	Home Sensor	Limit Sensor
YCTH5	5 10	50~800	BC(Motor Exposed) BM(Motor Bottom Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi)	10(100W Servo) 42(42 Stepping)	N(Without Brake) B(With Brake)	Out Side C(Motor Side) D(OppoSite Motor Side)	Out Side 3(1 Pc) 4(2 Pcs)

YCTH5 — 10 — 550 — BM — M — 10 — N — C — 4

Discount price

Per	1~4	5~
Price	100%	Additional quotation

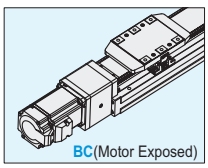
Delivery 9

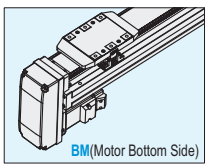
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3D model library | Example | Catalog for selection

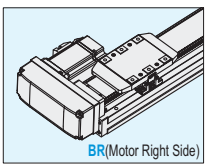
Code	Base		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YCTH8	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	—	Aluminum Alloy	Anodize	0~40℃ 35~85%RH No Condensation

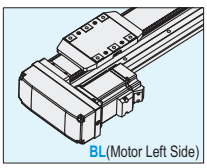
This product does not include a motor, the motor must be purchased separately.



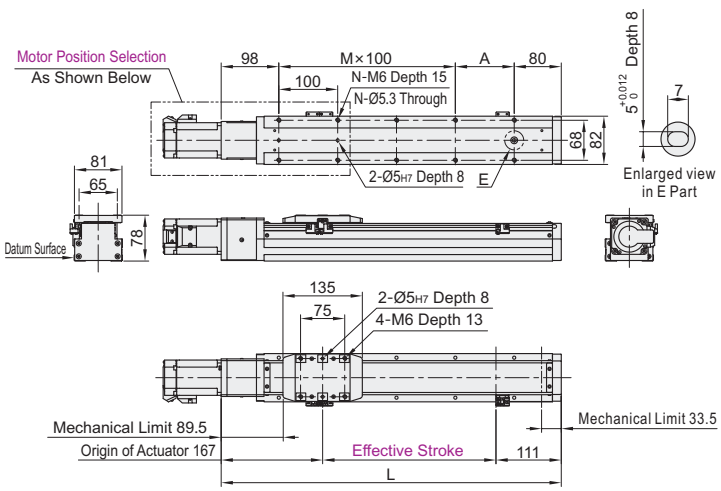




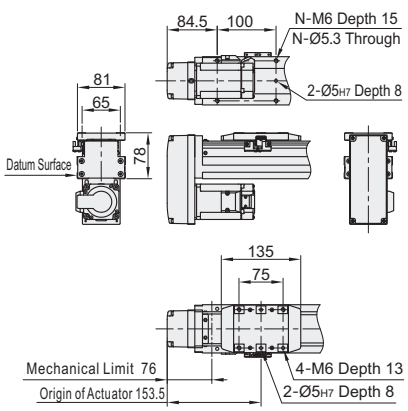


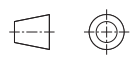


Motor Position :
BC(Motor Exposed)



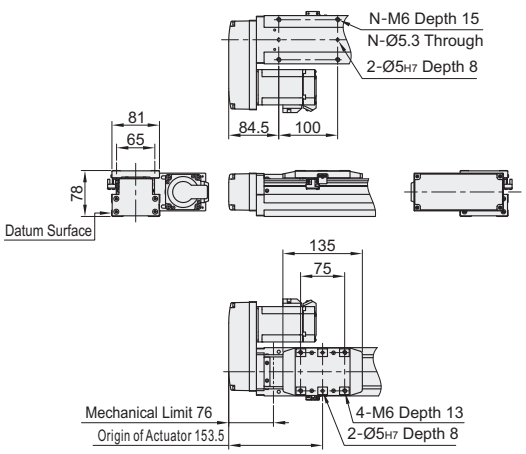
BM(Motor Bottom Side)



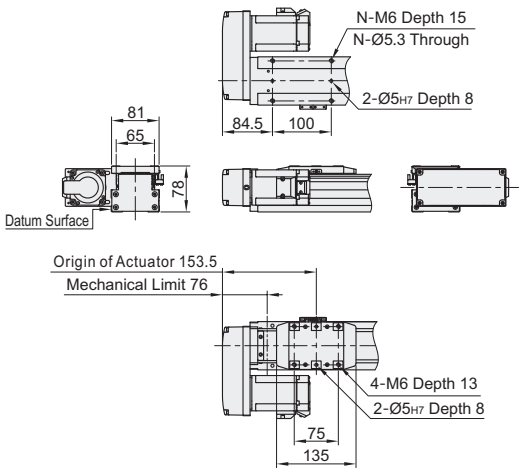


Motor Position Selection

BR(Motor Right Side)



BL(Motor Left Side)



Part Number Code	Part Number Ball Screw Lead	Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Brake	Home Sensor	Limit Sensor
YCTH8	5 10 20	50~1050 Non-standard stroke can be customized	BC(Motor Exposed) BM(Motor Bottom Side) BR(Motor Right Side) BL(Motor Left Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	20(200W Servo) 57(57 Stepping) ! 57 Stepping Only applicable to Leadshine brand.	N(Without Brake) B(With Brake) ! If the sliding table is used vertically, please choose the belt brake motor.	Out Side C(Motor Side) D(OppoSite Motor Side) No Sensor E(No Sensor)	Out Side 3(1 Pc) 4(2 Pcs) No Sensor 5(No Sensor)

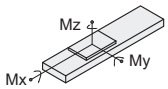
Specification

Recommended Motor Output			57 Stepping			200W Servo		
Spec	Positioning Repeatability(mm)		±0.01			±0.01		
	Ball Screw Lead(mm)		5	10	20	5	10	20
	Max Speed(mm/s)		250	500	1000	250	500	1000
	Maximum Payload(kg)	Horizontal	50	30	12	50	30	12
		Vertical	15	8	2.5	15	8	2.5
	Rated Thrust(N)		683	341	174	683	341	174
	Effective Stroke(mm)		50~1050(50 mm Pitch)					
Parts	Ball Screw O.D.(mm)		16					
	Couplings		10×14/11(Note 1)					
	Guide Type		Built-in					
	Home Sensor	Out Side	EE-SX674(NPN)					

! When the stroke is over 750mm, the run-out of the ballscrew will occur.We recommend to low down the working speed under this circumstances.
! Note 1: Motor (200W) Shaft Diameter: Panasonic: 11mm; Other: 14mm.
! Please contact us for OMRON Brand or PNP Sensor.

Allowable Moment Table

Mxd	626N.m
Myd	318N.m
Mzd	318N.m



The torque value in the table is the dynamic allowable torque based on the 10000km running life of the sliding table.
Torque conditions:
Mx/Mxd+My/Myd+Mz/Mzd≤1
(Mx, My, Mz are the actual moments in each direction)

Explanation
1. The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
2. The data in the table is based on the rated life of 10000km.
3. The repeated positioning accuracy in the table is a unidirectional value.
4. The maximum speed of the lead screw drive slider is reached after a certain travelNeed to be reduced.In order to avoid the resonance of the sliding table, different travel corresponding please refer to the table below for the maximum speed.
5. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not workreach top speed.
6. If the sliding table is used vertically, please choose the belt brake motor.

Dimension Table

Motor Position	Dimension	Stroke																						
		50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
BC (Motor Exposed)	L	328	378	428	478	528	578	628	678	728	778	828	878	928	978	1028	1078	1128	1178	1228	1278	1328
	A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
	M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
	N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26
	Weight(kg)※	5.18	5.54	5.91	6.27	6.64	7	7.37	7.73	8.1	8.46	8.83	9.19	9.56	9.92	10.29	10.65	11.02	11.38	11.75	12.11	12.48
BM (Motor Bottm Side)	L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5
	A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
	M	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10
	N	4	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24
	Weight(kg)※	5.19	5.6	6.12	6.64	7.16	7.68	8.2	8.72	9.24	9.76	10.28	10.8	11.32	11.84	12.36	12.88	13.4	13.92	14.44	14.96	15.48
BR (Motor Right Side)	L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5
	A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
	M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
	N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26
	Weight(kg)※	5.19	5.6	6.12	6.64	7.16	7.68	8.2	8.72	9.24	9.76	10.28	10.8	11.32	11.84	12.36	12.88	13.4	13.92	14.44	14.96	15.48
BL (Motor Left Side)	L	314.5	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5	1314.5
	A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
	M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
	N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26
	Weight(kg)※	5.19	5.6	6.12	6.64	7.16	7.68	8.2	8.72	9.24	9.76	10.28	10.8	11.32	11.84	12.36	12.88	13.4	13.92	14.44	14.96	15.48

※ Not include motor weight.

List of servo motor which should be matched

Brand	Motor Mark	Brake	Watt	Servo Motor Model	Driver Model
Panasonic	P	Without Brake(Horizontal)	200W	MSMF022L1U2M	MADLN15SE
		With Brake(Vertical)		MSMF022L1V2M	
Mitsubishi	M	Without Brake(Horizontal)		HG-KN23J-S100	MR-JE-20A
		With Brake(Vertical)		HG-KN23BJ-S100	
Delta(B2)	T	Without Brake(Horizontal)		ECMA-C20602RS	ASD-B2-0221-B
		With Brake(Vertical)		ECMA-C20602SS	

! Please consult our staff for other types of motor .
! The models listed in the table are motor and driver models sold on our official website. Only modular mechanical parts are provided for standard single axis robot models , without motors and drivers.

Please order as shown

Part Number Code	Part Number Ball Screw Lead	Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Brake	Home Sensor	Limit Sensor
YCTH8	5 10	50~1050	BC(Motor Exposed) BM(Motor Bottom Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi)	20(200W Servo) 57(57 Stepping)	N(Without Brake) B(With Brake)	Out Side C(Motor Side) D(OppoSite Motor Side)	Out Side 3(1 Pc) 4(2 Pcs)

YCTH8—10—550—BM—M—20—N—C—4

Discount price

Per	1~4	5~
Price	100%	Additional quotation

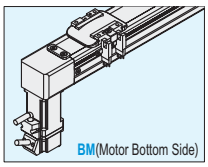
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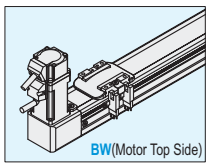
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Code	Base		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YTB5	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	Anodize	Aluminum Alloy	Anodize	0~40℃ 35~85%RH No Condensation



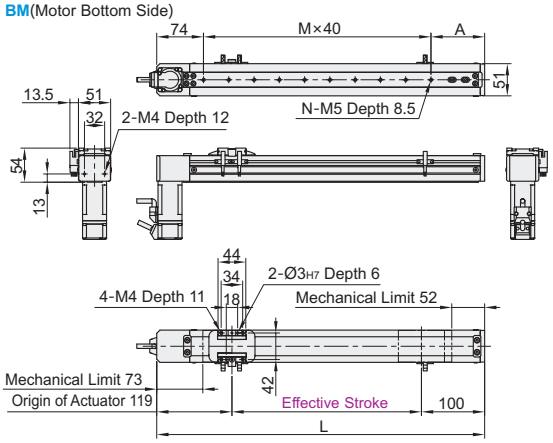
This product does not include a motor, the motor must be purchased separately.



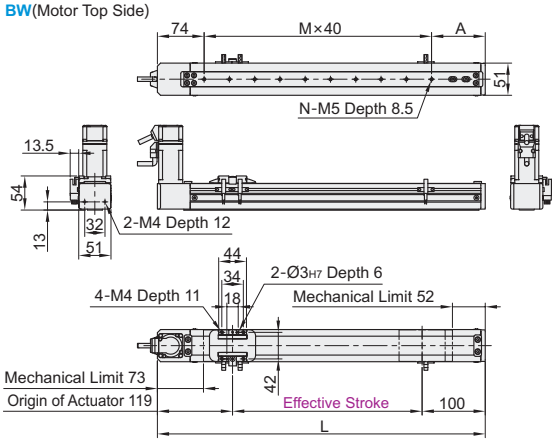


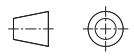
Motor Position :

BM(Motor Bottom Side)



BW(Motor Top Side)





The first perspective

Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead						
YTB5	32	100~800 Non-standard stroke can be customized	BW(Motor Top Side) BM(Motor Bottom Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	42(42 Stepping) ! 42 Stepping Only applicable to Leadshine brand.	Out Side C(Motor Side) D(OppoSite Motor Side) No Sensor E(No Sensor)	Out Side 3(1 Pc) 4(2 Pcs) No Sensor 5(No Sensor)
	40				10(100W Servo)		

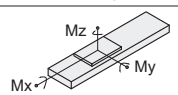
Specification

Recommended Motor Output			42 Stepping	100W Servo
Spec	Positioning Repeatability(mm)		±0.04	±0.04
	Ball Screw Lead(mm)		32	40
	Max Speed(mm/s)		267	2000
	Maximum Payload(kg)	Horizontal	3	3
		Vertical	—	—
	Rated Thrust(N)		50	
	Effective Stroke(mm)		100~800(50mm Pitch)	
Parts	Belt Width (mm)		9	
	Linear Guide Rail		24×8.5 Single Branch,Single Slide Block	
	Home Sensor	Out Side	EE-SX672(NPN)	
		In Side	—	

! Please contact us for OMRON Brand or PNP Sensor.

Allowable Moment Table

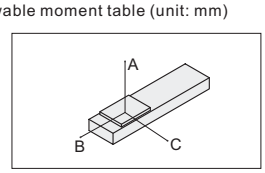
Mxd	19N.m
Myd	20N.m
Mzd	16N.m



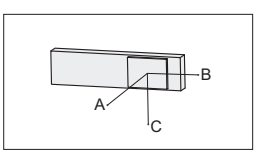
The torque value in the table is dynamic allowable torque based on the running life of sliding table of 10000km.
Torque conditions:
Mx/Mxd+My/Myd+Mz/Mzd≤1
(Mx、My、Mz are the actual moments in each direction)

Explanation
1. The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
2. The data in the table is based on the rated life of 10000km.
3. The repeated positioning accuracy in the table is a unidirectional value.
4. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not workreach top speed.

Load allowable moment table (unit: mm)



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



Wall-mounted installation	A	B	C
2kg	105	57	303
3kg	67	36	195

Dimension Table

Motor Position	Dimension	Stroke														
		100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
BW (Motor Top Side)	L	319	369	419	469	519	569	619	669	719	769	819	869	919	969	1019
	A	85	95	65	75	85	95	65	75	85	95	65	75	85	95	65
	M	4	5	7	8	9	10	12	13	14	15	17	18	19	20	22
BM (Motor Bottom Side)	N	5	6	8	9	10	11	13	14	15	16	18	19	20	21	23
	Weight(kg)※	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6

※ Not include motor weight.

Please order as shown

Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead						
YTB5	32	100~800	BW(Motor Top Side)	P(Panasonic)	42(42 Stepping)	Out Side	Out Side
	40		BM(Motor Bottom Side)	Y(Yaskawa)		C(Motor Side)	3(1 Pc)
				M(Mitsubishi)	10(100W Servo)	D(OppoSite Motor Side)	4(2 Pcs)

YTB5—40—550—BM—M—10—C—4

Discount price

Per	1~4	5~
Price	100%	Additional quotation

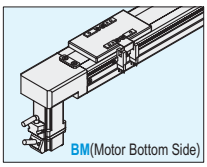
Delivery 9

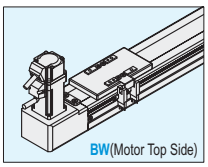
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Code	Base		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YTB6	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	Anodize	Aluminum Alloy	Anodize	0~40℃ 35~85%RH No Condensation



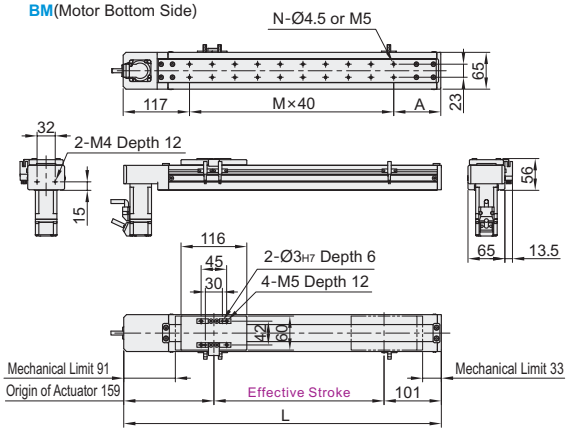
This product does not include a motor, the motor must be purchased separately.



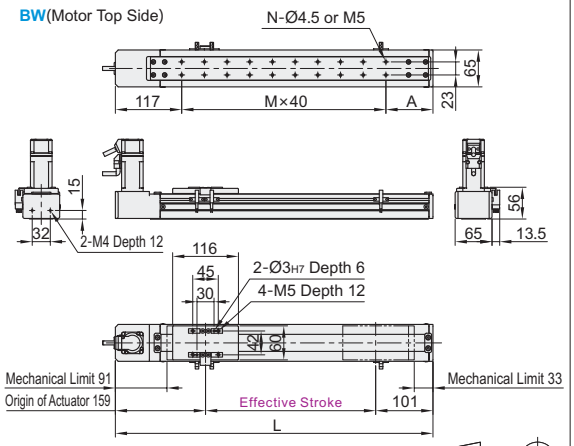


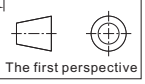
Motor Position :

BM(Motor Bottom Side)



BW(Motor Top Side)





Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor	Installation Method
Code	Ball Screw Lead							
YTB6	40	100~800 Non-standard stroke can be customized	BW(Motor Top Side) BM(Motor Bottom Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	10(100W Servo) 57(57 Stepping) ! 57 Stepping Only applicable to Leadshine brand.	Out Side C(Motor Side) D(OppoSite Motor Side) No Sensor E(No Sensor)	Out Side 3(1 Pc) 4(2 Pcs) No Sensor 5(No Sensor)	H (Install On Bottom) M (Install On Internal)

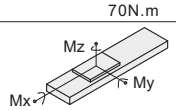
Specification

Recommended Motor Output			57 Stepping	100W Servo
Spec	Positioning Repeatability(mm)		±0.04	±0.04
	Ball Screw Lead(mm)		40	40
	Max Speed(mm/s)		333	2000
	Maximum Payload(kg)	Horizontal	5	5
		Vertical	—	—
	Rated Thrust (N)		50	
	Effective Stroke(mm)		100~800(50mm Pitch)	
Parts	Belt Width (mm)		12	
	Linear Guide Rail		42×9.5 Single Branch,Single Slide Block	
	Home Sensor	Out Side	EE-SX672(NPN)	
		In Side	—	

! Please contact us for OMRON Brand or PNP Sensor.

Allowable Moment Table

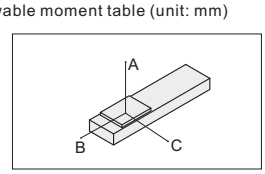
Mxd	75N.m
Myd	80N.m
Mzd	70N.m



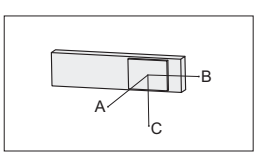
The torque value in the table is the dynamic allowable torque based on the 10000km running life of the sliding table.
Torque conditions:
Mx/Mxd+My/Myd+Mz/Mzd≤1
(Mx, My, Mz are the actual moments in each direction)

Explanation
1. The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
2. The data in the table is based on the rated life of 10000km.
3. The repeated positioning accuracy in the table is a unidirectional value.
4. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not workreach top speed.

Load allowable moment table (unit: mm)



Horizontal installation	A	B	C
5kg	620	65	165
10kg	253	29	73
15kg	126	16	42



Wall-mounted installation	A	B	C
5kg	151	59	582
10kg	66	26	532
15kg	38	15	111

Dimension Table

Motor Position	Dimension	Stroke														
		100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
BW (Motor Top Side)	L	360	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060
	A	83	93	63	73	83	93	63	73	83	93	63	73	83	93	63
	M	4	5	7	8	9	10	12	13	14	15	17	18	19	20	22
BM (Motor Bottom Side)	N	10	12	16	18	20	22	26	28	30	32	36	38	40	42	46
	Weight(kg)※	2.5	2.67	2.84	3.01	3.18	3.35	3.52	3.69	3.86	4.03	4.2	4.37	4.54	4.71	4.88

※ Not include motor weight.

Please order as shown

Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor	Installation Method
Code	Ball Screw Lead							
YTB6	40	100~800	BW(Motor Top Side) BM(Motor Bottom Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi)	10(100W Servo) 57(57 Stepping)	Out Side C(Motor Side) D(OppoSite Motor Side)	Out Side 3(1 Pc) 4(2 Pcs)	H(Install On Bottom) M(Install On Internal)

YTB6—40—550—BM—M—10—C—4—H

Discount price

Per	1~4	5~
Price	100%	Additional quotation

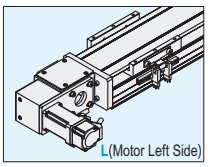
Delivery 9

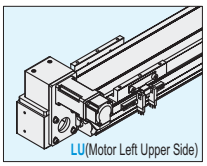
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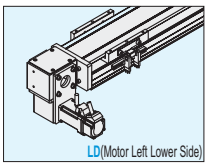
Code	Base		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YTB10	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	Anodize	Aluminum Alloy	Anodize	0~40℃ 35~85%RH No Condensation

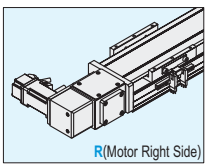


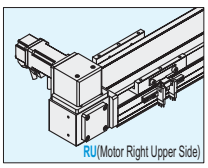
This product does not include a motor, the motor must be purchased separately.

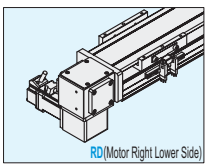

L(Motor Left Side)


LU(Motor Left Upper Side)


LD(Motor Left Lower Side)

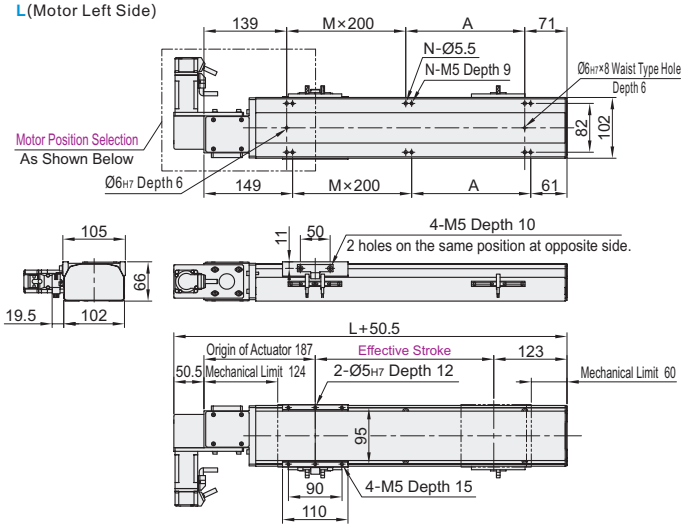

R(Motor Right Side)


RU(Motor Right Upper Side)

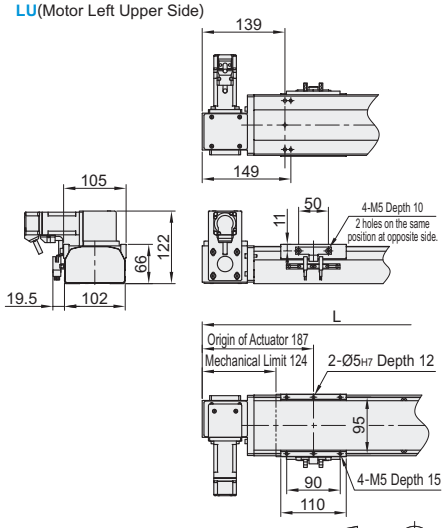

RD(Motor Right Lower Side)

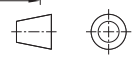
Motor Position :

L(Motor Left Side)



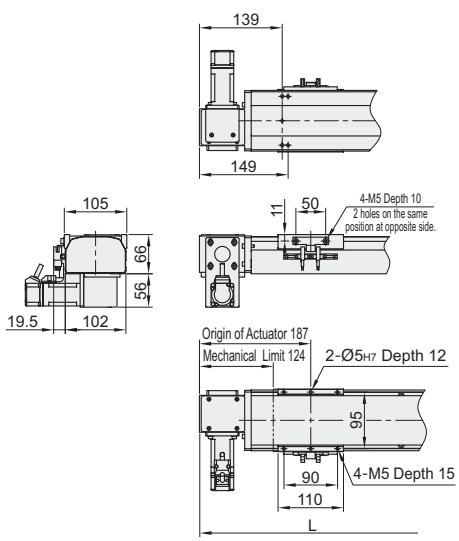
LU(Motor Left Upper Side)



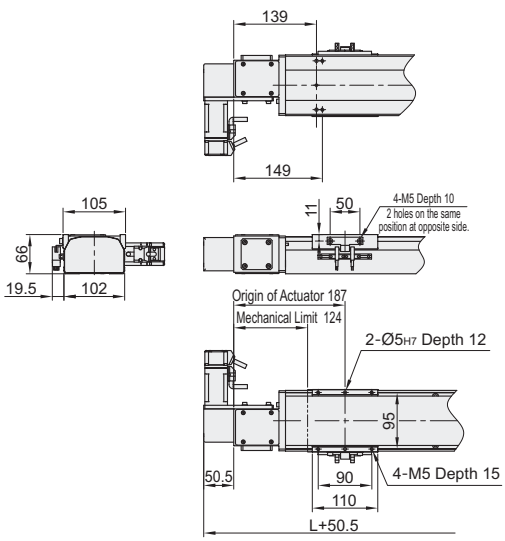

The first perspective

Motor Position Selection

LD(Motor Left Lower Side)

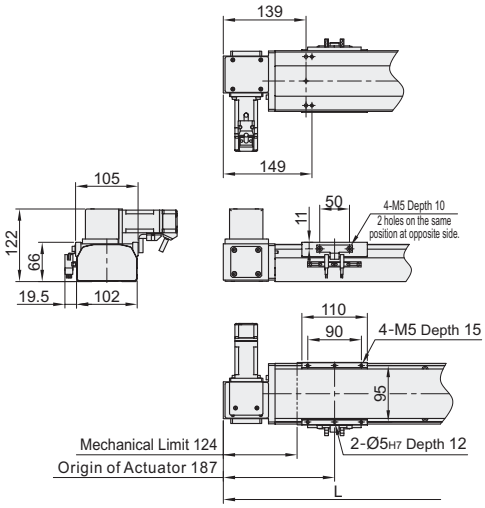


R(Motor Right Side)

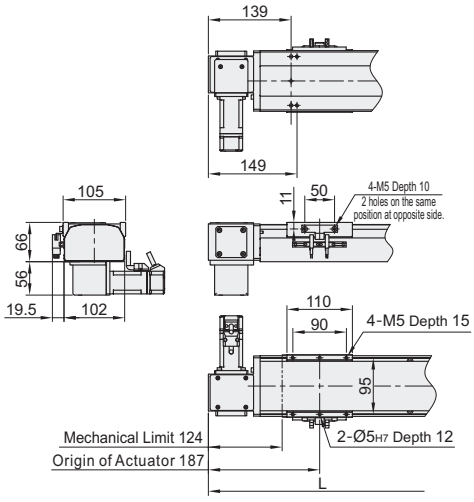


Motor Position Selection

RU(Motor Right Upper Side)



RD(Motor Right Lower Side)



Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead						
YTB10	32	100~2550 Non-standard stroke can be customized	L(Motor Left Side) LU(Motor Left Upper Side) LD(Motor Left Lower Side) R(Motor Right Side) RU(Motor Right Upper Side) RD(Motor Right Lower Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	10(100W Servo) 57(57 Stepping) ! 57 Stepping only applicable to Leadshine brand. ! If 57 series stepper motors are used, it is recommended to choose the model with the maximum static torque greater than 0.64 N.m. ! Please consult our company for other output spec.	Out Side C(Motor Side) D(OppoSite Motor Side) No Sensor E(No Sensor)	Out Side 3(1 Pc) 4(2 Pcs) No Sensor 5(No Sensor)

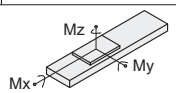
Specification

Recommended Motor Output			57 Stepping	100W Servo
Spec	Positioning Repeatability(mm)		±0.04	±0.04
	Ball Screw Lead(mm)		32	32
	Max Speed(mm/s)		333	1600
	Maximum Payload(kg)	Horizontal	10	10
		Vertical	—	—
	Rated Thrust(N)		62	62
	Effective Stroke(mm)		100~2550(50mm Pitch)	
Parts	Belt Width (mm)		15	
	Linear Guide Rail		20×17.5 Single Branch,Single Slide Block	
	Home Sensor	Out Side	EE-SX672(NPN)	
		In Side	—	

! Please contact us for OMRON Brand or PNP Sensor.

Allowable Moment Table

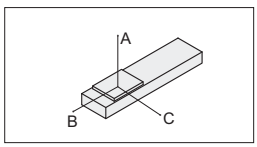
Mxd	120N.m
Myd	110N.m
Mzd	110N.m



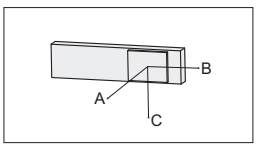
The torque value in the table is the dynamic allowable torque based on the 10000km running life of the sliding table.
Torque conditions:
Mx/Mxd+My/Myd+Mz/Mzd≤1
(Mx, My, Mz are the actual moments in each direction)

Explanation
1. The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
2. The data in the table is based on the rated life of 10000km.
3. The repeated positioning accuracy in the table is a unidirectional value.
4. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not workreach top speed.

Load allowable moment table (unit: mm)



Horizontal installation	A	B	C
5kg	495	152	128
8kg	301	91	77
10kg	236	71	60



Wall-mounted installation	A	B	C
4kg	162	192	625
7kg	89	106	347
10kg	60	71	236

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Dimension Table

Dimension	Stroke																								
	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
L	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060	1110	1160	1210	1260	1310	1360	1410	1460	1510	1560	1610
A	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
N	4	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16
Weight(kg)※	6.8	7.22	7.64	8.06	8.48	8.9	9.32	9.74	10.16	10.58	11	11.42	11.84	12.26	12.68	13.1	13.52	13.94	14.78	14.8	15.2	15.62	16.04	16.46	16.88

Dimension	Stroke																								
	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550
L	1660	1710	1760	1810	1860	1910	1960	2010	2060	2110	2160	2210	2260	2310	2360	2410	2460	2510	2560	2610	2660	2710	2760	2810	2860
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50
M	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	13
N	18	18	18	18	20	20	20	20	22	22	22	22	24	24	24	24	26	26	26	26	28	28	28	28	30
Weight(kg)※	17.3	17.72	18.14	18.56	18.98	19.4	19.82	20.24	20.66	21.08	21.5	21.92	22.34	22.76	23.18	23.6	24.02	24.44	24.86	25.28	25.7	26.12	26.54	26.96	27.38

※ Not include motor weight.

Please order as shown

Part Number		Effective Stroke	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead	(50 mm Inc.)					
YTB10	32	100~2550	L(Motor Left Side) LU(Motor Left Upper Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi)	10(100W Servo) 57(57 Stepping)	Out Side C(Motor Side) D(OppoSite Motor Side)	Out Side 3(1 Pc) 4(2 Pcs)

YTB10 — 32 — 550 — LU — M — 10 — C — 4

Discount price

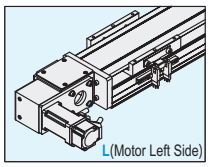
Per	1~4	5~
Price	100%	Additional quotation

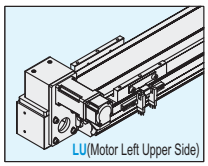
Delivery 13

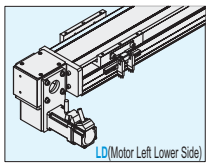
Code	Base		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YTB14	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	Anodize	Aluminum Alloy	Anodize	0~40℃ 35~85%RH No Condensation

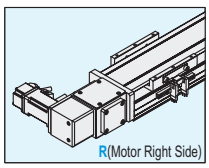


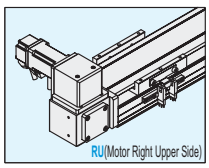
This product does not include a motor, the motor must be purchased separately.

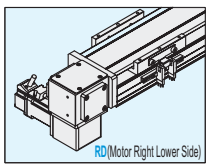


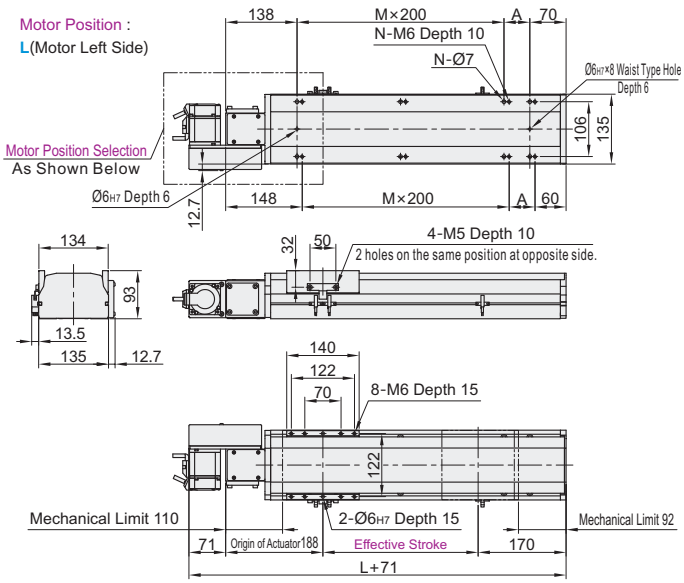


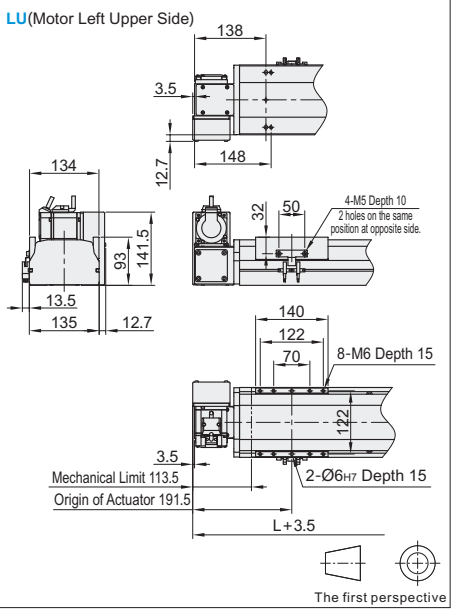






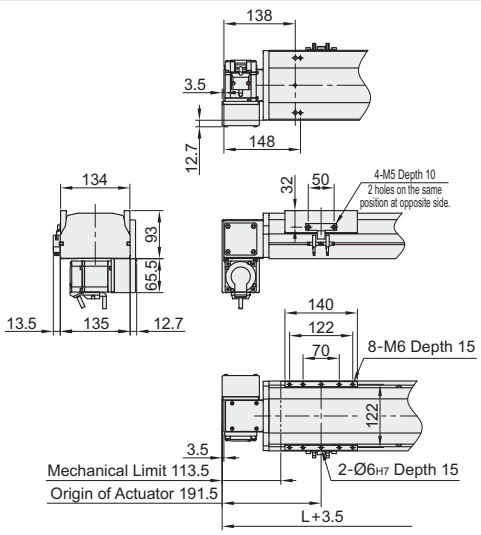




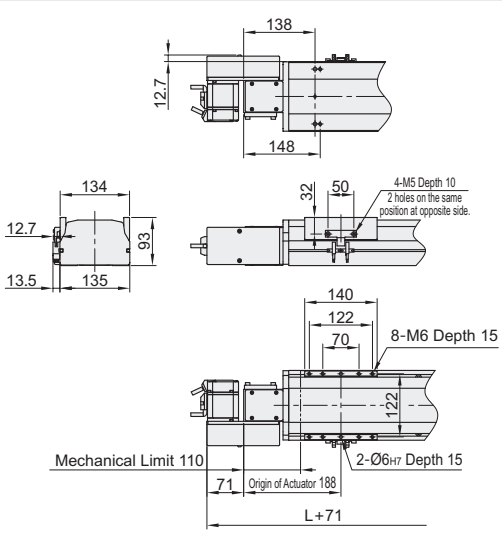


Motor Position Selection

LD(Motor Left Lower Side)

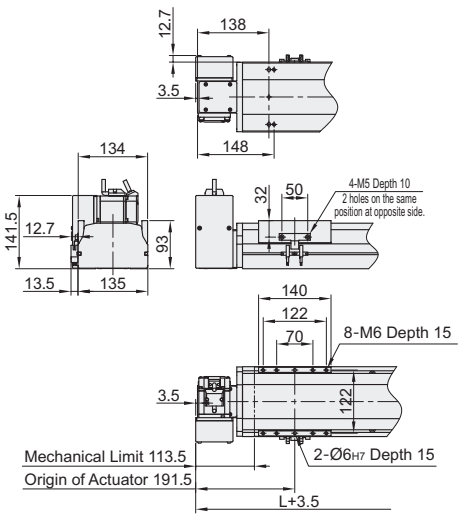


R(Motor Right Side)

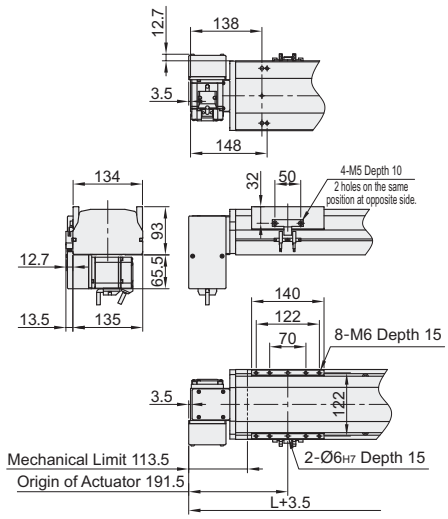


Motor Position Selection

RU(Motor Right Upper Side)



RD(Motor Right Lower Side)



Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead						
YTB14	40	100 ~ 3050 Non-standard stroke can be customized	L(Motor Left Side) LU(Motor Left Upper Side) LD(Motor Left Lower Side) R(Motor Right Side) RU(Motor Right Upper Side) RD(Motor Right Lower Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	20(200W Servo) 57(57 Stepping) ! 57 Stepping only applicable to Leadshine brand. ! If 57 series stepper motors are used, it is recommended to choose the model with the maximum static torque greater than 0.64 N.m. ! Please consult our company for other output spec.	Out Side C(Motor Side) D(OppoSite Motor Side) No Sensor E(No Sensor)	Out Side 3(1 Pc) 4(2 Pcs) No Sensor 5(No Sensor)

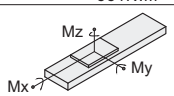
Specification

Recommended Motor Output			57 Stepping	200W Servo
Spec	Positioning Repeatability(mm)		±0.04	±0.04
	Ball Screw Lead(mm)		40	40
	Max Speed(mm/s)		333	2000
	Maximum Payload(kg)	Horizontal	25	25
		Vertical	—	—
	Rated Thrust(N)		50	100
	Effective Stroke(mm)		100~3050(50mm Pitch)	
Parts	Belt Width (mm)		22	
	Linear Guide Rail		15×12.5 Two Branch,Double Slide Blocks	
	Home Sensor	Out Side	EE-SX672(NPN)	
		In Side	—	

! Please contact us for OMRON Brand or PNP Sensor.

Allowable Moment Table

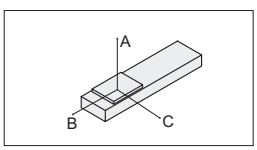
Mxd	485N.m
Myd	552N.m
Mzd	551N.m



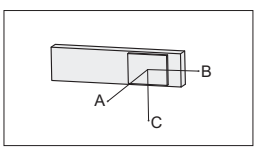
The torque value in the table is the dynamic allowable torque based on the 10000km running life of the sliding table.
Torque conditions:
Mx/Mxd+My/Myd+Mz/Mzd≤1
(Mx, My, Mz are the actual moments in each direction)

Explanation
1. The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
2. The data in the table is based on the rated life of 10000km.
3. The repeated positioning accuracy in the table is a unidirectional value.
4. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not workreach top speed.

Load allowable moment table (unit: mm)



Horizontal installation	A	B	C
10kg	1794	688	528
20kg	858	324	253
25kg	670	251	197



Wall-mounted installation	A	B	C
15kg	348	446	1170
18kg	285	365	961
25kg	197	251	670

Dimension Table

Dimension	Stroke																			
	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	458	508	558	608	658	708	758	808	858	908	958	1008	1058	1108	1158	1208	1258	1308	1358	1408
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
Weight(kg)※	8.6	9.2	9.7	10.3	10.8	11.4	12	12.5	13.1	13.6	14.2	14.8	15.3	15.9	16.4	17	17.6	18.1	18.7	19.2

Dimension	Stroke																			
	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050
L	1458	1508	1558	1608	1658	1708	1758	1808	1858	1908	1958	2008	2058	2108	2158	2208	2258	2308	2358	2408
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
N	16	16	16	16	18	18	18	18	20	20	20	20	22	22	22	22	24	24	24	24
Weight(kg)※	19.8	20.4	20.9	21.5	22	22.6	23.2	23.7	24.3	24.8	25.5	26.1	26.6	27.2	27.7	28.3	28.9	29.4	30	30.5

Dimension	Stroke																			
	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050
L	2458	2508	2558	2608	2658	2708	2758	2808	2858	2908	2958	3008	3058	3108	3158	3208	3258	3308	3358	3408
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	11	11	11	11	12	12	12	12	13	13	13	13	14	14	14	14	15	15	15	15
N	26	26	26	26	28	28	28	28	30	30	30	30	32	32	32	32	34	34	34	34
Weight(kg)※	31.1	31.7	32.2	32.8	33.3	33.9	34.5	35	35.6	36.1	36.7	37.3	37.8	38.4	38.9	39.5	40.1	40.6	41.2	41.7

※ Not include motor weight.

Please order as shown

Part Number		Effective Stroke	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead	(50 mm Inc.)					
YTB14	40	100~3050	L(Motor Left Side) LU(Motor Left Upper Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi)	20(200W Servo) 57(57 Stepping)	Out Side C(Motor Side) D(OppoSite Motor Side)	Out Side 3(1 Pc) 4(2 Pcs)

YTB14 — 40 — 550 — LU — M — 20 — C — 4

Discount price

Per	1~4	5~
Price	100%	Additional quotation

Delivery 13

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