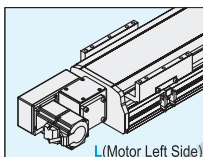


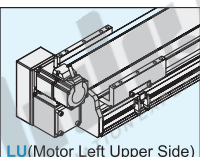
◀ YTB17 Series, Base Width 170 mm

Code	Seat		Guide rail		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YTB17	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	Anodize	Aluminum Alloy	Anodize	0~40°C 35~85%RH No Condensation

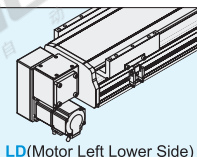
 This product does not include a motor, the motor must be purchased separately.



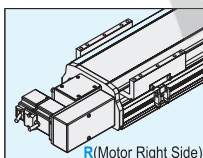
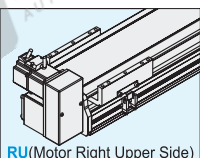
L(Motor Left Side)



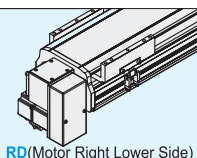
LU (Motor Left Upper Side)



LD(Motor Left Lower Side)

 R (Motor Right Side)

RU(Motor Right Upper Side)



RD(Motor Right Lower Side)

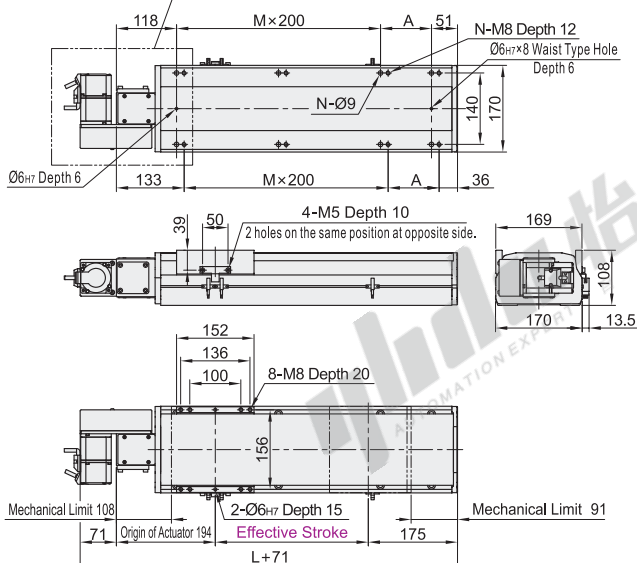
Motor Position :

L(Motor Left Side)

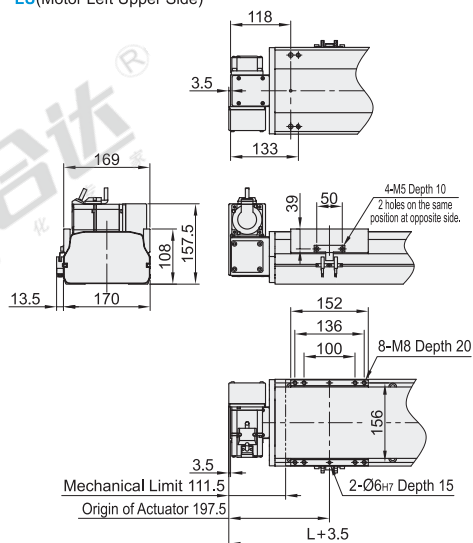
Motor Position Selection

As Shown Below

Mx200

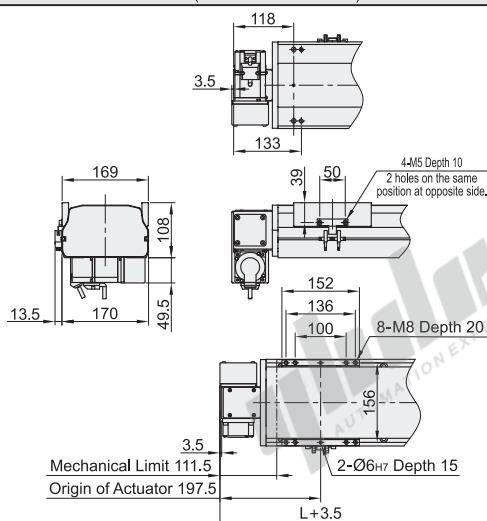


LU(Motor Left Upper Side)

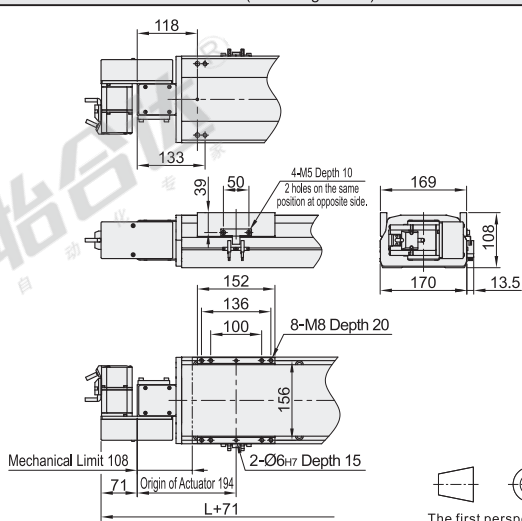


 Motor Position Selection

LD(Motor Left Lower Side)



R(Motor Right Side)



The first perspective

YTB17 Series, Base Width 170 mm

Timing Belt Series, General Environment

Single Axis Robots

Motor Position Selection

RU(Motor Right Upper Side)		RD(Motor Right Lower Side)	

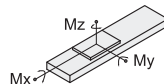
Part Number		Effective Stroke (50 mm Inc.)	Motor Position Selection	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	Ball Screw Lead						
YTB17	40	100 ~ 3050 Non-standard stroke can be customized	L(Motor Left Side) LU(Motor Left Upper Side) LD(Motor Left Lower Side) R(Motor Right Side) RU(Motor Right Upper Side) RD(Motor Right Lower Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi) T(Delta) H(Inovance) L(Leadshine)	40(400W Servo)	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

Recommend Motor Output		400W Servo
Spec	Positioning Repeatability(mm)	±0.04
	Ball Screw Lead(mm)	40
	Max Speed(mm/s)	2000
	Maximum Payload(kg)	45
	Rated Thrust(N)	200
Parts	Effective Stroke(mm)	100~3050(50mm Pitch)
	Belt Width(mm)	30
	Linear Guide Rail	20×15.5 Two Branch Double Slide Blocks
	Home Sensor	Out Side EE-SX672(NPN) In Side —

Allowable Moment Table

Mxd	908N.m
Myd	1034N.m
Mzd	1032N.m



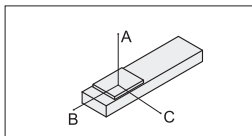
The torque value in the table is the dynamic allowable torque based on the 10000km running life of the sliding table.
Torque conditions:
 $Mx/Mxd + My/Myd + Mz/Mzd \leq 1$
(Mx, My, Mz are the actual moments in each direction)

Explanation

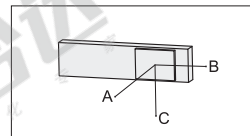
- The actual load shall meet the following conditions:
(a) Meet the maximum load condition in the "Specification" table.
(b) Satisfy the torque condition in the "allowable Moment Table" if beyond the conditions of use will greatly reduce the life of the slide table.
- The data in the table is based on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

Please contact us for OMRON Brand or PNP Sensor.

Load allowable moment table (unit: mm)



Horizontal installation	A	B	C
10kg	2942	1133	1033
20kg	1430	547	498
30kg	926	350	320
45kg	588	219	201



Wall-mounted installation	A	B	C
15kg	676	742	1933
25kg	390	428	1127
35kg	269	294	781
45kg	201	219	588

Single Axis Robots

YTB17 Series, Base Width 170 mm Timing Belt Series, General Environment

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	1350	1400	
L	469	519	569	619	669	719	769	819	869	919	969	1019	1069	1119	1169	1219	1269	1319	1369	1419	1469	1519	1569	1619	1669	1719	1769	
A	100	150	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	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	
N	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16	18	18	18	18	
Weight(kg)	13	13.8	14.6	15.4	16.2	17	17.7	18.5	19.3	20.1	20.9	21.7	22.5	23.3	24.1	24.9	25.6	26.4	27.2	28	28.8	29.6	30.4	31.2	32	32.8	33.5	

Dimension	Stroke																											
	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	
L	1819	1869	1919	1969	2019	2069	2119	2169	2219	2269	2319	2369	2419	2469	2519	2569	2619	2669	2719	2769	2819	2869	2919	2969	3019	3069	3119	
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	100	150	
M	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	13	13	13	13	14	14	14	
N	20	20	20	20	22	22	22	22	24	24	24	24	26	26	26	26	28	28	28	28	30	30	30	30	32	32	32	
Weight(kg)	34.3	35.1	35.9	36.7	37.5	38.3	39.1	39.9	40.7	41.4	42.2	43	43.8	44.6	45.4	46.2	47	47.8	48.6	49.3	50.1	50.9	51.7	52.5	53.3	54.1	54.9	

Dimension	Stroke					
L	2800	2850	2900	2950	3000	3050
A	3169	3219	3269	3319	3369	3419
M	200	50	100	150	200	50
N	14	15	15	15	15	16
N	32	34	34	34	34	36
Weight(kg)	55.7	56.5	57.2	58	58.8	59.6

Not include motor weight.



Part Number	Effective Stroke	Motor Position	Motor Brand	Motor Output	Home Sensor	Limit Sensor
Code	(50 mm Inc.)	Selection				
YTB17	40	L(Motor Left Side) U(Motor Left Upper Side)	P(Panasonic) Y(Yaskawa) M(Mitsubishi)	40(900W Servo)	Out Side C(Motor side) D(Opposite Motor Side)	Out Side 3(1 Pc) 4(2 Pcs)

YTB17-40-550-LU-M-40-C-4



Discount price	
Per	1~4
Price	100%
	Additional quotation

Delivery	
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