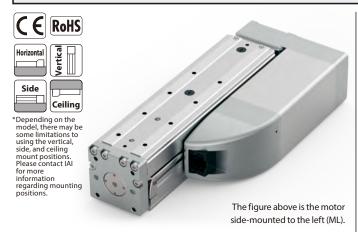
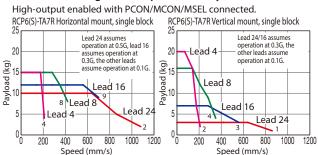
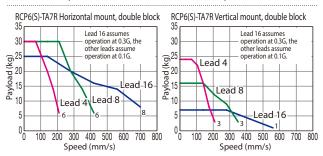
Body Width **24**_v Motor Table 70 mm Side-m Stepper Motor Type Type Motor * Body width doe not include the width of the side ■ Model **TA7R** -WA **56P** Specification Motor Type Applicable Controller / I/O Type Encoder Type — Stroke Cable Length Options Items [RCP6] P3: PCON N : None P : 1m Please refer to the options table below. RCP6: Separate Controller WA: Battery-less 56P: Stepper 24: 24mm 25: 25mm RCP6S: Built-in Controller Absolute Motor 16: 16mm 8: 8mm MCON MSEL [RCP6S] S : 3m M: 5m 56□ Size 390: 390mm *Please make sure to X□□: Specified Length R□□: Robot Cable Rounted To specify either ML or MR when ordering the sidemounted To specify either ML or MR when ordering the specify eith 4: 4mm * RCP6 does not include a controller. RCP6S includes a built-in controller. SE: SIO Type



- (1) The maximum acceleration/deceleration is 1G for horizontal, and 0.5G for vertical use.
- (2) The actuator specification displays the payload's maximum value, but it will vary depending on the acceleration and speed. Please refer to the "Selection Guidelines" (RCP6 Tables of Payload by Speed/Acceleration) on P.115 for more details.
- (3) When performing push-motion operation, please confirm the push force of each model by checking the "Correlation diagram of push force and current limit" on P.113.
- (4) Depending on the ambient operational temperature, duty control is necessary for the RCP6S (built-in controller type) with lead 4/8/16. Please refer to P.130 for more information.
- (5) High-rigidity (double-block) specification can be selected as an option.

■ Correlation Diagrams of Speed and Payload





Actuator Specifications

■ Lead and Pavload

_	Lead and rayload					
	Model Number		Connected	Max. Payload		Stroke
	ModerNamber	(mm)	Controller	Horizontal (kg)	Vertical (kg)	(mm)
长	RCP6(S)-TA7R-WA-56P-24-①-②-③-④	24	High-output Enabled	10	3	
Block	RCP6(S)-TA7R-WA-56P-16-①-②-③-④	16	High-output Enabled	12	7	25~300
ngle	RCP6(S)-TA7R-WA-56P-8-①-②-③-④	8	High-output Enabled	15	16	25~300
iS	RCP6(S)-TA7R-WA-56P-4-①-②-③-④	4	High-output Enabled	15	20	
Block	RCP6(S)-TA7R-WA-56P-16-①-②-③-④	16	High-output Enabled	25	7	
	RCP6(S)-TA7R-WA-56P-8-①-②-③-④	8	High-output Enabled	30	16	40~390
Double	RCP6(S)-TA7R-WA-56P-4-①-②-③-④	4	High-output Enabled	30	24	

			□ ~ ··
Legend: I(1) Stroke	(2) Applicable controller/I/() type I	1/3)1 (ahie length 1/	A)I()ntions
Legena. To Jonone	② Applicable controller/I/O type	Capic icrigin i	- Options

	Stroke	and	Max.	Speed
_	Julione	ullu	mux.	Speca

= Stroke and max. speed (one min/s)								
Lead	Connected	Connected Single Block D			ouble Block			
(mm)	Controller	25~300	40~290	340	390			
24	High-output Enabled	1,080 <860>	-					
16	High-output Enabled	700 <560>	70 <50	600 <560>				
8	High-output Enabled	420 <350>	420 365 <350> <350>		300			
4	High-output Enabled	210	210 180		150			

Values in brackets < > are for vertical use.

RCP6

(Unit: mm/s)

RCP6S

0

① Stroke

	Single Block		Double Block			
Stroke (mm)	RCP6	RCP6S	Stroke (mm)	RCP6	RCP6S	
25	0	0	40	0	0	
50	0	0	65	0	0	
75	0	0	90	0	0	
100	0	0	140	0	0	
125	0	0	190	0	0	
150	0	0	240	0	0	
175	0	0	290	0	0	
200	0	0	340	0	0	
250	0	0	390	0	0	
200						

	Silligle block		Double block			
Stroke (mm)	RCP6	RCP6S	Stroke (mm)	RCP6	RCP6S	
25	0	0	40	0	0	
50	0	0	65	0	0	
75	0	0	90	0	0	
100	0	0	140	0	0	
125	0	0	190	0	0	
150	0	0	240	0	0	
175	0	0	290	0	0	
200	0	0	340	0	0	
250	_		200	_	0	

* Please refer to P. 144 for more information regarding the maintenance cables.

Cable Code

4 Options

Name	Option Code	Reference Page
Brake	В	See P.105
Cable exit direction (Outside)	CJ0	See P.105
Motor side-mounted to the left	ML	See P.109
Motor side-mounted to the right	MR	See P.109
High-rigidity (Double-block guide)	DB	See P.105
Non-motor end specification	NM	See P.110

When selecting multiple options, please list them in alphabetical order. (e.g. B-CJB-NM)

Actuator Specifications

③ Cable Length Cable Type

Standard

Specified Length

Robot Cable

P (1m) S (3m) M (5m)

X06 (6m) ~**X10** (10m) **X11** (11m) ~**X15** (15m)

X16 (16m) ~X20 (20m) R01 (1m) ~R03 (3m) R04 (4m) ~R05 (5m) R06 (6m) ~R10 (10m)

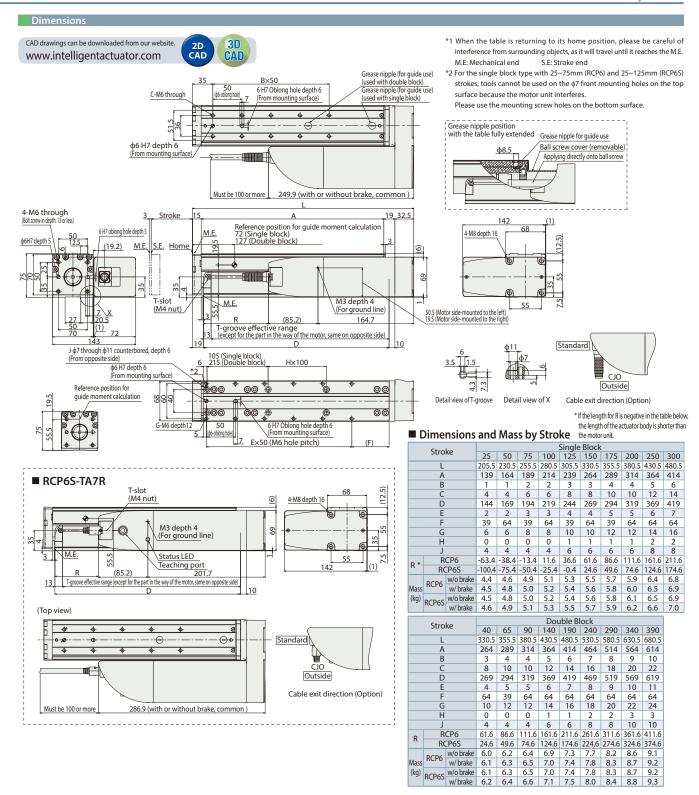
R11 (11m) ~R15 (15m) R16 (16m) ~R20 (20m)

Item		Description		
Drive system		Ball screw \$12mm, rolled C10		
Positioning repeatability		±0.01mm		
Lost motion		0.1mm or less		
Base		Material: Aluminum with white alumite treatment		
Static allowable moment	Single block	Ma: 115N•m, Mb: 115N•m, Mc: 229N•m		
Static allowable moment	Double block	Ma: 620N•m, Mb: 620N•m, Mc: 458N•m		
Single block		Ma: 44.7N•m, Mb: 44.7N•m, Mc: 89.1N•m		
Dynamic allowable moment (*)	Double block	Ma: 196N•m, Mb: 196N•m, Mc: 145N•m		
Ambient operating temp. & I	numidity	0~40°C, 85% RH or less (Non-condensing)		

(*) Assumes a standard rated life of 5,000km. The service life will vary depending on operation and installation conditions.

Please refer to our website for more information regarding the directions of the allowable moment and overhang load length.

Please refer to RCP6 instruction manual regarding the displacement of the table.



	can be operated by the controllers indicated below. Please select the type depending on your intended use. * Please refer to P.: External Max. number of Control method				Maximum number					
Name	view	controlled axes	Input power	Positioner	Pulse train	Program	Networ	k *Option	of positioning points	Reference page
PCON-CB/CGB		1	DC24V	• *Option	● *Option	-	DeviceNet CC-Link		512 (768 for network spec.)	Please see P.131
MCON-C/CG		4	DC24V		network-compatible only.		CompoNet Note: - The type of compatible networks	256	Please see the MCO catalog.	
MSEL-PC/PG	c	4	Single-phase 100~230VAC	_	-	•	will vary deper controller.	nding on the reference page for	30,000	Please see the MSE PC/PG catalog.