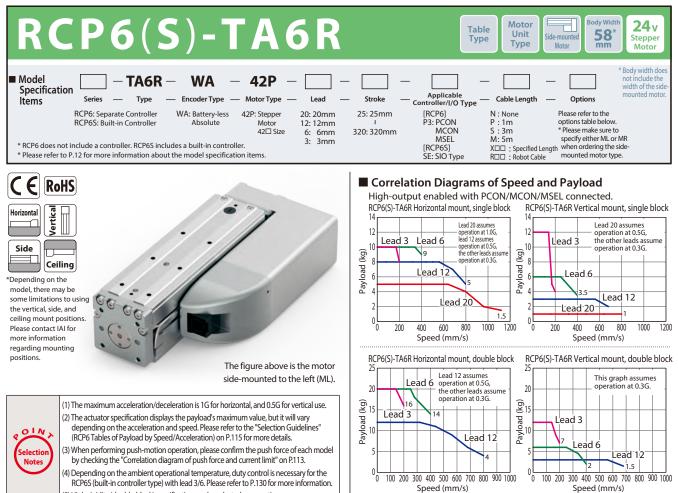
RCP6 ROBO Cylinder®



(5) High-rigidity (double-block) specification can be selected as an option.

	Actuator Specifications											
	Lead and Payload						🔳 St	roke and	Max. Sp	eed	(Uni	it: mm/s)
Model Number			Connected Controller		ayload Vertical (kg)	Stroke (mm)	Lead (mm)	Connected Controller		Do 45~220	ouble Blo 270	ock 320
Block	RCP6(S)-TA6R-WA-42P-20-10-20-3-4		High-output Enabled	5	1	25 200 20	High-output	1,120		_		
	RCP6(S)-TA6R-WA-42P-12-10-2-3-4	12	High-output Enabled	8	3	25~200 (The increment	20	Enabled	<800>	L		
ngle	RCP6(S)-TA6R-WA-42P-6-①-②-③-④	6	High-output Enabled	10	6	of stroke is 50mm)	12	High-output Enabled	800 <680>	800 <680>	735 <680>	575
Si	RCP6(S)-TA6R-WA-42P-3-①-②-③-④	3	High-output Enabled	10	12	301111)			<0002	<0002	<0002	
Block	RCP6(S)-TA6R-WA-42P-12-1-2-3-4	12	High-output Enabled	15	3		6	High-output Enabled	400	400	365	285
ble B	RCP6(S)-TA6R-WA-42P-6-①-②-③-④	6	High-output Enabled	20	6	45~320		High-output				
Double I	RCP6(S)-TA6R-WA-42P-3-①-②-③-④	3	High-output Enabled	20	12		3	Enabled	200	200	185	140
Leg	Legend: ① Stroke ② Applicable controller/I/O type ③ Cable length ④ Options Values in brackets < > are for vertical use.											

 \square

① Stroke							
	Single Block		Double Block				
Stroke (mm) RCP6		RCP6S	Stroke (mm)	RCP6	RCP6S		
25	0	0	45	0	0		
50	0	0	70	0	0		
75	0	0	95	0	0		
100	0	0	120	0	0		
125	0	0	170	0	0		
150	0	0	220	0	0		
175	0	0	270	0	0		
200	0	0	320	0	0		

④ Options

Name	Option Code	Reference Page
Brake	В	See P.105
Cable exit direction (Outside)	CJO	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)

RCP6(S)-TA6R

gth		
Cable Code	RCP6	RCP6S
P (1m)	0	0
S (3m)	0	0
M (5m)	0	0
X06 (6m) ~X10 (10m)	0	0
X11 (11m) ~X15 (15m)	0	0
X16 (16m) ~X20 (20m)	0	0
R01 (1m) ~R03 (3m)	0	0
R04 (4m) ~R05 (5m)	0	0
R06 (6m) ~R10 (10m)	0	0
R11 (11m) ~R15 (15m)	0	0
R16 (16m) ~R20 (20m)	0	0
	Cable Code P (1m) \$\$ (3m) \$\$ (5m) \$\$ (5m) \$\$ X06 (6m) ~X10 (10m) \$\$ X11 (1m) ~X15 (15m) \$\$ X16 (16m) ~X20 (20m) \$\$ R01 (1m) ~R03 (3m) \$\$ R04 (4m) ~R03 (5m) \$\$ R06 (6m) ~R10 (10m) \$\$ R11 (1m) ~R15 (15m) \$\$ R11 (1m) ~R15 (15m)	Cable Code RCP6 P (1m) O \$ (3m) O M (5m) O X06 (6m) ~X10 (10m) O X11 (11m) ~X15 (15m) O X16 (16m) ~X20 (20m) O R01 (1m) ~R03 (3m) O R06 (6m) ~R10 (10m) O R11 (11m) ~R15 (15m) O

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

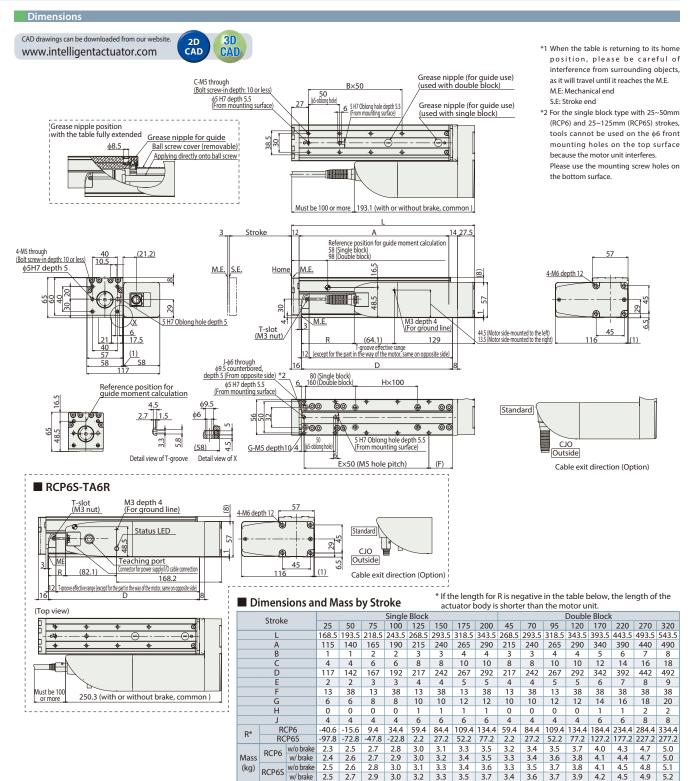
Actuator Specifications

Item		Description				
Drive system		Ball screw ø10mm, 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: 32.3N•m, Mb: 46.2N•m, Mc: 68.3N•m					
Static allowable moment	Double block	Ma: 169N•m, Mb: 242N•m, Mc: 137N•m				
Dynamic allowable moment (*)	Single block	Ma: 11.6N•m, Mb: 16.6N•m, Mc: 24.6N•m				
Dynamic allowable moment (*)	Double block	Ma: 49.5N•m, Mb: 70.7N•m, Mc: 40N•m				
Ambient operating temp. & humidity		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.



encro selles actuators ca				. Please select th	ne type depend			refer to P.147 for mo	re information about the buil	t-in controller of RCP6S series
Name External Max.number of Input r			Control method				Maximum number	Reference page		
	view	controlled axes		Positioner	Pulse train	Program	Networ	k *Option	of positioning points	nererence page
PCON-CB/CGB		1	DC24V	● *Option	● *Option	-	DeviceNet CC-Link		512 (768 for network spec.)	Please see P.131
/CON-C/CG		4	DC24V	network-compatible only.		CompoNet		256	Please see the MCO catalog.	
ASEL-PC/PG		4	Single-phase 100~230VAC	-	-	•	will vary depen controller.	ding on the reference page for	30,000	Please see the MSEI PC/PG catalog.

IAI



