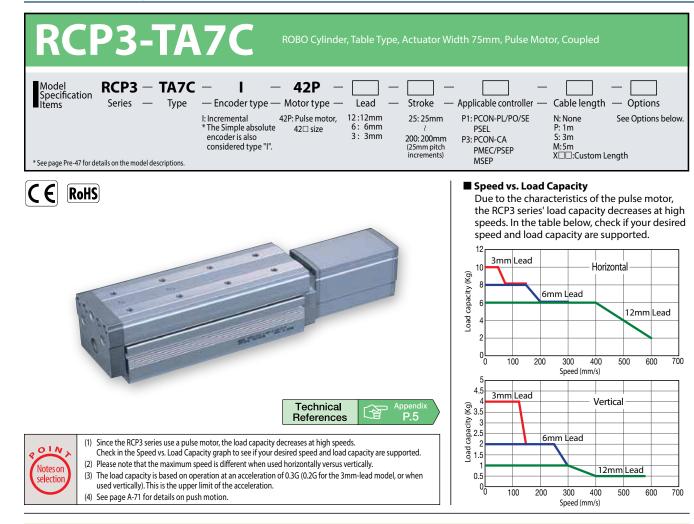
RCP3 ROBO Cylinder



## Actuator Specifications

Leads and Payloads (Note	(Note 1) Please note that the maximum load capacity decreases as the speed increases.					Stroke and Maximum Speed (Unit: mm/s			
Model number	Lead (mm)	Max. Load Cap Horizontal (kg)	oacity (Note 1) Vertical (kg)	Rated thrust (N)	Stroke (mm)	Stroke Lead	25~100 (every 25mm)		
RCP3-TA7C-I-42P-12-①-②-③-④	12	~6	~1	60		12	600<580>		
RCP3-TA7C-I-42P-6-①-②-③-④	6	~8	~2	110	25~200 (every 25mm)	6	300		
RCP3-TA7C-I-42P-3-①-②-③-④	3	~10	~4	189		3	150		
	L. Cantural		la la cantha			* The	values enclosed in < > apply to vertical settings		

Code explanation 🕥 Stroke 🖉 Applicable Controller 🛞 Cable length 🕢 Options \*See page A-71 for details on push motion. \*The values enclosed in < > apply to vertical settings

①Stroke	
①Stroke (mm)	Standard price
25	—
50	_
75	—
100	_
125	—
150	_
175	_
200	_

④ Options			
Name	Option code	See page	Standard price
Brake	В	→ A-42	—
Cable exit direction (top)	CJT	→ A-42	—
Cable exit direction (right)	CJR	→ A-42	_
Cable exit direction (left)	CJL	→ A-42	_
Cable exit direction (bottom)	CJB	→ A-42	_
Non-motor end specification	NM	→ A-52	

③Cable Length		
Туре	Cable symbol	Standard price
Standard	<b>P</b> (1m)	_
(Robot Cables)	<b>S</b> (3m)	—
	<b>M</b> (5m)	—
Special length	<b>X06</b> (6m) ~ <b>X10</b> (10m)	—
	<b>X11</b> (11m) ~ <b>X15</b> (15m)	—
	<b>X16</b> (16m) ~ <b>X20</b> (20m)	—
The standard cable is the	motor-encoder integrated robot cable.	

\* See page A-59 for cables for maintenance.

## Actuator Specifications

Actuator specifications					
ltem	Description				
Drive System	Ball screw, ø10mm, rolled C10				
Positioning Repeatability	±0.02mm				
Lost Motion	0.1mm or less				
Base	Material: Aluminum, special alumite treated				
Allowable static moment	Ma: 42.6 N·m, Mb: 60.8 N·m, Mc:123.2 N·m				
Allowable dynamic moment (*)	Ma: 9.91 N·m, Mb: 14.13 N·m, Mc: 28.65 N·m				
Overhang load length	Within the load moment range				
Ambient operating temperature, humidity	0 to 40°C, 85% RH or less (Non-condensing)				

(\*) Based on 5,000km of traveling life

Directions of allowable load moments

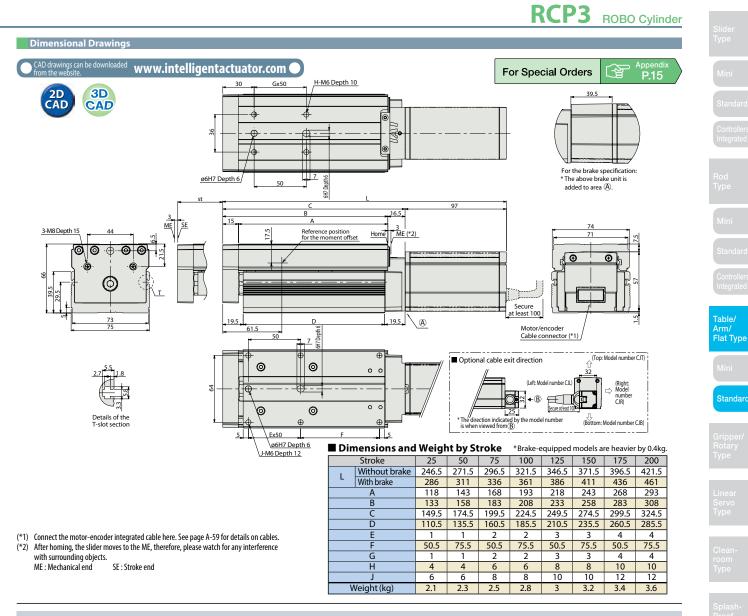


trollers grated Roc Type Mini

Table

Arm Flat Type

Standard



Name	External view	Model number	Features	Maximum number of positioning points	Input power	Power-supply capacity	Standard price	Referenc page	
	PMEC-C-42PI-①-2-①	Easy-to-use controller, even for beginners		AC100V AC200V	Refer to P541	—	→ P537		
Solenoid Valve Type	-	PSEP-C-42PI-①-2-0	Simple controller operable with the same signal as a solenoid valve	3 points		Refer to P555	_	→ P547	
olenoid valve multi-axis type PIO specification	HH.	MSEP-C	Positioner type based on PIO control, allowing up to 8 axes to be connected			Refer to P572	_	→ P563	
olenoid valve multi-axis type Network specification		MSEP-C	Field network-ready positioner type, allowing up to 8 axes to be connected	256 points					
Positioner type High-output specification		PCON-CA-42PI-①-2-0	Equipped with a high-output driver Positioner type based on PIO control	512 points			—		
Pulse-train type High-output specification			PCON-CA-42PI-PL□-2-0	Equipped with a high-output driver Pulse-train input type	(—)	DC24V	Refer to P618	_	→ P607
Field network type High-output specification		PCON-CA-42PI-10-0-0	Equipped with a high-output driver Supporting 7 major field networks	768 points	DC24V		—		
Pulse Train Input Type (Differential Line Driver)		PCON-PL-42PI-①-2-0	Pulse train input type with differential line driver support	- (—)		Refer to P628	—	→ P623	
Pulse Train Input Type (Open Collector)	8	PCON-PO-42PI-①-2-0	Pulse train input type with open collector support				_		
Serial Communication Type	Ĩ	PCON-SE-42PI-N-0-0	Dedicated Serial Communication	64 points			_		
Program Control Type		PSEL-CS-1-42PI-①-2-0	Programmed operation is possible. Can operate up to 2 axes	1,500 points		Refer to P671	_	→ P665	

ксрз-татс 312 IAI

Pulse Motor

Arm/