

	Actuator Specifications									
	Lead and Load Capacity (Note 1) Please r	note that the m	naximum load o	capacity decre	ases as the sp	eed increases.	Stroke a	nd Maxim	um Spee	d
Model	Lead (mm)	Max. Load Ca Horizontal (kg)		Maximum Push Force (N)(Note 2)	0	Stroke	50 ~ 200 (50mm increments)	250 (mm)	300 (mm)	
		()	monzontai (kg)	vertiour (kg)	1 0100 (11)(1010 2)	()	Load		()	()
	RCP2-RA4C-I-42P-10-①-②-③-④	10	\sim 25	\sim 4.5	150		10	458	458	350
	RCP2-RA4C-I-42P-5-①-②-③-④	5	\sim 40	\sim 12	284	$50 \sim 300$ (50mm	5	250	237	175
	RCP2-RA4C-I-42P-2.5-①-②-③-④	2.5	40	\sim 19	358	increments)	2.5	125 <114>	118 <114>	87
	Legend: ① Stroke ② Compatible controller ③ Cable length ④ Options (Note 2) See page A-69 for the pushing force graphs						* The values enclose	sed in < > apply	for vertical usag	ge. (Unit: mm/s)

	Stroko	Lief

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Stroke (mm)	Standard Price
50	-
100	-
150	-
200	-
250	-
300	-

ing	loice graphs. The v	alues enclosed in < > apply for vertical	usage. (Unit. min/s)
	3 Cable Lis	t	
	Туре	Cable Symbol	Standard Price
		P (1m)	-
	Standard	S (3m)	-
		M (5m)	-
	Special Lengths	X06 (6m) ~ X10 (10m)	-
		X11 (11m) \sim X15 (15m)	-
		X16 (16m) \sim X20 (20m)	-
		R01 (1m) \sim R03 (3m)	-
		R04 (4m) ~ R05 (5m)	-
	Robot Cable	R06 (6m) ~ R10 (10m)	-
		R11 (11m) \sim R15 (15m)	-
		R16 (16m) \sim R20 (20m)	-

* See page A-39 for cables for maintenance.

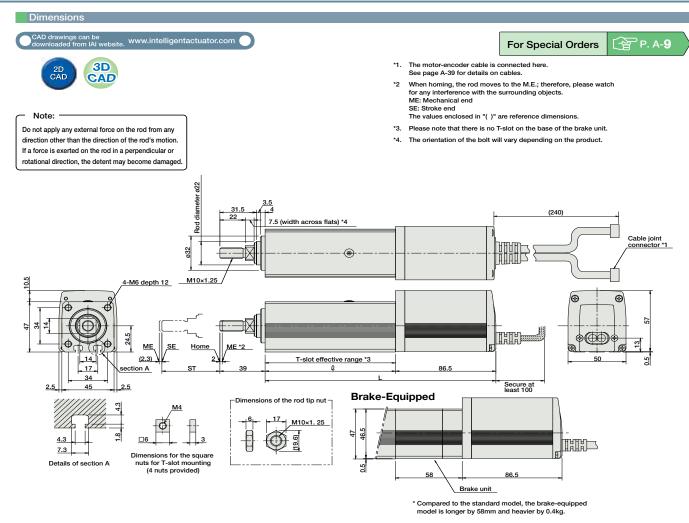
④ Option List			
Name	Option Code	See Page	Standard Price
Brake	В	ightarrow A-25	-
Flange	FL	ightarrow A-27	-
Foot bracket	FT	ightarrow A-29	-
Reversed-home	NM	\rightarrow A-33	-

Actuator Specifications

Item	Description				
Drive System	Ball screw ø8mm C10 grade				
Positioning Repeatability	±0.02mm				
Lost Motion	0.1mm or less				
Rod Diameter	ø22mm				
Non-rotating accuracy of rod	±1.5 deg				
Ambient Operating Temp./Humidity	$0 \sim$ 40°C, 85% RH or less (non-condensing)				

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RCP2 ROBO Cylinder



Dimensions/Weight by Stroke

Stroke	50	100	150	200	250	300		
R	112.5	162.5	212.5	262.5	312.5	362.5		
L	199	249	299	349	399	449		
Weight (kg)	1.35	1.6	1.85	2.1	2.35	2.6		

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page	
Solenoid Valve Type	ALC: NO	PMEC-C-42PI-NP-2-①	Easy-to-use controller, even for beginners		AC100V AC200V	See P481	-	→ P477	
sciencia valve type		PSEP-C-42PI-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	→ P48	
Splash-Proof Solenoid Valve Type	1	PSEP-CW-42PI-NP-2-0	No homing necessary with simple absolute type.				-	→ F 407	
Positioner Type	Ű	PCON-C-42PI-NP-2-0	Positioning is possible for up to 512 points	512 points			-		
Safety-Compliant Positioner Type	8	PCON-CG-42PI-NP-2-0		ong pointo			-		
ulse Train Input Type)ifferential Line Driver)		đ	PCON-PL-42PI-NP-2-0	Pulse train input type with differential line driver support	()	DC24V	2A max.	-	→ P52
ulse Train Input Type (Open Collector)		PCON-PO-42PI-NP-2-0 Pulse train input type with open collector support			-				
erial Communication Type	Ĩ	PCON-SE-42PI-N-0-0	Dedicated to serial communication	64 points			-		
Field Network Type		RPCON-42P	Dedicated to field network	768 points			-	ightarrow P50	
rogram Control Type		PSEL-C-1-42PI-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P55	

Mini

Standard

Controllers Integrated



