

Actuator Specifications											
■ Lead and Load Capacity ■ Stroke and Maximum Speed								peed			
Model	Feed Screw	Lead (mm)	Max. Load Horizontal (kg)	Capacity Vertical (kg)	Maximum Push Force (N)	Positioning Repeatability (mm)	Stroke (mm)	Lead	Stroke	25 (mm)	$50 \sim 100$ (mm)
RCP3-RA2AC-I-20P-4S-①-②-③-④		4	0.25	0.125	See page A-68.	±0.05	$25 \sim 100$ (25mm increments)	ad Screw	4	180	200
RCP3-RA2AC-I-20P-2S-①-②-③-④	Lead Screw	2	0.5	0.25					2	1(	00
RCP3-RA2AC-I-20P-1S-①-②-③-④		1	1	0.5				Lea	1	5	0
Unit: mm/s)											

Legend ① Stroke ② Compatible controller ③ Cable length ④ Options

1 Stroke Lis	st
Stroke (mm)	Standard Price
	Feed Screw
	Lead Screw
25	-
50	-
75	-
100	-

3	Cable	List	

Туре	Cable Symbol	Standard Price
Standard (Robot Cables)	<b>P</b> (1m)	-
	<b>S</b> (3m)	-
	<b>M</b> (5m)	-
Special Lengths	X06 (6m) ~ X10 (10m)	-
	X11 (11m) $\sim$ X15 (15m)	-
	X16 (16m) $\sim$ X20 (20m)	-

Speed (mm/s)

\* The RCP3 comes standard with a robot cable.

\* See page A-39 for cables for maintenance.

ontrollers ntegrated Rod Type Mini Standard

Grippe otary Typ

Controllers PMEC /AMEC ROBO NET ERC2 PCON ACON SCON SCON SCON SSEL

④ Option List			
Name	Option Code	See Page	Standard Price
Brake	В	→ <b>A-25</b>	-
Reversed-home	NM	ightarrow A-33	-

Actuator Specifications					
Item	Description				
Drive System	Lead screw Ø4mm C10 grade				
Lost Motion	0.3mm or less (initial value)				
Base	Material: Aluminum (white alumite treated)				
Guide	Sliding guide				
Ambient Operating Temp./Humidity	$0 \sim 40^{\circ}$ C, 85% RH or less (non-condensing)				
Service Life	Horizontal: 10 million cycles Vertical: 5 million cycles				

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Compatible Controllers The RCP3 series actuators can operate with the controllers below. Select the controller according to your usage.								
Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
Salappaid Value Tupo	110	PMEC-C-20PI-NP-2-①	Easy-to-use controller, even for beginners		AC100V AC200V	See P481	-	→ P477
Sciencia valve Type		PSEP-C-20PI-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types. No homing necessary with simple absolute type.	3 points	DC24V	2A max.	-	- → P487 - → P525
Splash-Proof Solenoid Valve Type	Ĩ	PSEP-CW-20PI-NP-2-0					-	
Positioner Type	Ű	PCON-C-20PI-NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety-Compliant Positioner Type	8	PCON-CG-20PI-NP-2-0	Positioning is possible for up to 512 points				-	
Pulse Train Input Type (Differential Line Driver)	ő	PCON-PL-20PI-NP-2-0	Pulse train input type with differential line driver support	0			-	
Pulse Train Input Type (Open Collector)		PCON-PO-20PI-NP-2-0	Pulse train input type with open collector support	()			-	
Serial Communication Type	Í	PCON-SE-20PI-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RPCON-20P	Dedicated to field network	768 points			-	→ P503
Program Control Type		PSEL-C-1-20PI-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P557
* This is for the single-axis PSEL.								

\* (1) is a placeholder for the power supply voltage (1: 100V, or 2: 100 $\sim$ 240V).



