Rod Type

Puls Moto



	Actuator Specifications									
Leads and Payloads (Note 1) Please note that the maximum load capacity decreases as the speed increases. (Note 2) 50mm increments over 100mm. Stroke and Maximum Speed										
	Model number	Lead (mm)	Maximum pa Horizontal (kg)	yload (Note 1) Vertical (kg)	Positioning repeatability (mm)	Stroke (mm)	Stroke Lead	20~200 (every 10mm)		
	RCP2-SRA4R-1-35P-5-①-②-③-④	5	~25	~9	112	20 to 200	5	250		
	RCP2-SRA4R-1-35P-2.5-①-②-③-④	2.5	~35	~15	224	(every 10mm) (Note 2)	2.5	125		

Legend ① Stroke ② Applicable Controller ③ Cable length ④ Options *See page A-71 for details on push motion.

①Stroke	
①Stroke (mm)	Standard price
25 ~ 50	—
60 ~ 100	—
150	—
200	_

3Cable Length

Туре	Cable symbol	Standard price		
Standard type (Robot cable)	P (1m)	—		
	S (3m)	—		
	M (5m)	—		
Special length	X06 (6m) ~ X10 (10m)	—		
	X11 (11m) ~ X15 (15m)	—		
	X16 (16m) ~ X20 (20m)	_		

(Unit: mm/s)

* The cable is a motor-encoder integrated cable, and is provided as a robot cable.

* See page A-59 for cables for maintenance.

Actuator Specifications

Description
Ball screw, ø8mm, rolled C10
±0.02mm
0.1mm or less
ø22mm
_
0 to 40°C, 85% RH max. (Non-condensing)

④Options Name Option code Page Standard Price Brake В → A-42 Flange bracket (front) FL → A-44 Flange bracket (rear) FLR → A-46 Foot bracket 1 (base mounting) FT → A-48 Foot bracket 2 (right/left side mounting) FT2/FT4 → A-48 Non-motor end specification NM → A-52

* The brake is available for strokes of 70mm or more.



RCP2 ROBO Cylinder



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②Applicable Controllers										
RCP2 series actuators can be operated with the controllers indicated below. Select the type according to your intended application.										
External view	Model number	Features	Maximum number of positioning points	Input power	Power-supply capacity	Standard price	Reference page			
	PMEC-C-35PI-①-2-①	Easy-to-use controller, even for beginners		AC100V AC200V	Refer to P541	_	→ P537			
	PSEP-C-35PI-①-2-0	Simple controller operable with the same signal as a solenoid valve	3 points		Refer to P555	_	→ P547			
1 me	MSEP-C-())-2-0	Positioner type based on PIO control, allowing up to 8 axes to be connected			Refer to	_	→ P563			
iiii -	MSEP-C	Field network-ready positioner type, allowing up to 8 axes to be connected	256 points		P572					
	PCON-CA-35PI-①-2-0	Equipped with a high-output driver Positioner type based on PIO control	512 points	DC24V	Refer to P618	_	→ P607			
A	PCON-CA-35PI-PL□-2-0	Equipped with a high-output driver Pulse-train input type	(—)			_				
	PCON-CA-35PI-10-0-0	Equipped with a high-output driver Supporting 7 major field networks	768 points			_				
DÌ	PCON-PL-35PI-①-2-0	Pulse train input type with differential line driver support	(—)		Refer to P628	_	→ P623			
	PCON-PO-35PI-①-2-0	Pulse train input type with open collector support				_				
Ĩ	PCON-SE-35PI-N-0-0	Dedicated Serial Communication	64 points			_				
PSEL-CS-1-35PI-①-2-0 Programmed operation is possible. Can operate up to 2 axes		Programmed operation is possible. Can operate up to 2 axes	1,500 points		Refer to P671	_	→ P665			
	illers be operate External 0 0 0 0 0 0 0 0 0 0 0 0 0	Allers With the controllers indic External Model number 0 PMEC-C35PI-①-2-① 0 PSEP-C-③5PI-①-2-① 0 PSEP-C-①①-2-○ 0 PSEP-C-①①-2-○ 0 PSEP-C-①①-2-○ 0 PCON-CA-35PI-①-2-○ 0 PCON-CA-35PI-①-2-○ 0 PCON-CA-35PI-①-2-○ 0 PCON-CA-35PI-①-2-○ 0 PCON-CA-35PI-①-2-○ 0 PCON-CA-35PI-①-2-○ 0 PCON-PC-35PI-①-2-○ 0 PCON-PC-35PI-①-2-○ 0 PCON-PC-35PI-①-2-○ 0 PCON-PC-35PI-①-2-○ 0 PCON-PC-35PI-①-2-○ 0 PCON-PC-35PI-①-2-○ 0 PCON-SE-35PI-①-2-○ 0 PCON-SE-35PI-①-2-○ 0 PCON-SE-35PI-①-2-○ 0 PCON-SE-35PI-①-2-○ 0 PCON-SE-35PI-①-2-○	Indee operated with the controllers indicated below. Select the type according to yoExternal viewModel numberFeaturesImage: Image: Im	Indeer solutionIndeer solutionIndee operated with the controllers indicated below. Select the type according to your intended applicated below. Select the type according to your intended applicated applicated below. Select the type according to your intended applicated below. Select the type according type according to your intended applicated below. Select the type according to your intended applicated below. Select the type ac	Input powerExternal ViewModel numberFeaturesMaximum number of positioning pointsInput powerImage: Image:	Where subsequences with the controllers indicated below. Select the type according to your intended application. External view Model number Features Maximum number of power Input Power-supply power 1 PMEC-C-35PI-①-2-① Easy-to-use controller, even for beginners signal as a solenoid valve AC100V AC200V Refer to P541 1 PSEP-C-00	Nilers be corrected with the controllers indicated below. Select the type according to your intended application. External view Model number Features Maximum number of positioning points Input Power - supply Standard price Image: Standard View PMEC-C-35PI-①-2-① Easy-to-use controller, even for beginners signal as a solenoid valve AC100V Positioner type based on PIO control, allowing up to 8 axes to be connected 3 points AC100V PC200 Refer to P555 — Image: Standard View MSEP-C-@@0. Pointentrype based on PIO control, allowing up to 8 axes to be connected 256 points Refer to P572 — P555 — Image: Standard View Field network-ready positioner type, allowing up to 8 axes to be connected 256 points P60N-CA.35PI-①-20 Equipped with a high-output driver Positioner type based on PIO control 512 points P60N-CA.35PI-①-20 Equipped with a high-output driver Pulse-train input type 768 points DC24V Refer to P618 — — Image: PCON-PCA.35PI-①-2-0 Pulse train input type with open collector Supporting 7 major field networks 768 points — — Refer to P618 — — Refer to P628 — — Refer to P628 — — —			

* (indicates number of axes (1 to 8). * (indicates field network specification symbol. * indicates N (NPN specification) or P (PNP specification) symbol.

Pulse Motor

Rod Type



 Weight (kg)
 0.83
 0.89
 0.96
 1.02
 1.08
 1.14
 1.21
 1.27
 1.33
 1.64
 1.95