

Actuator Specifications											
Lead and Load Capacity									<b>S</b>	troke an	d Maximum Speed
Model	Motor Output (w)	Feed Screw	Lead (mm)	Max. Load Horizontal (kg)		Rated Thrust (N)		Stroke (mm)	Lead	Stroke	25/50 (mm)
RCA2-SD3N-I-10-4S-①-②-③-④		Lead screw	4	0.25	0.125 (*1)	25.1	±0.05	25 50	ew	4	200
RCA2-SD3N-I-10-2S-①-②-③-④	10		2	0.5	0.25 (*1)	50.3			ead Screw	2	100
RCA2-SD3N-I-10-1S-①-②-③-④			1	1	0.5 (*1)	100.5			Lea	1	50
Legend ①Stroke ②Compatible controller ③Cable length ④Options (*1) When the actuator is fixed (Unit: mm/s)											

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

See Page

→ A-32

3	Cable	Lis

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)	-

\* The RCA2 comes standard with a robot cable.

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

Motor	④ Option List		
(24V)	Name	Option Code	Γ
	Power-saving	LA	
Motor (200V)			
Linear			

	Actuator Specification	ons
Standard Price	Item	Description
-	Drive System	Lead Screw ø4mm C10 grade
	Lost Motion	0.3mm or less (initial value)
	Frame	Material: Aluminum (white alumite treated)
	Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)
	Service Life	Horizontal: 10 million cycles Vertical: 5 million cycle

## 193 RCA2-SD3N



## Dimensions

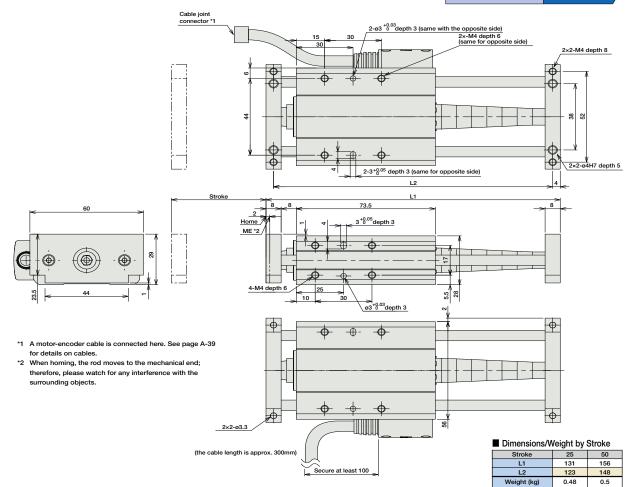
## RCA2 ROBO Cylinder

Controllers Integrated Rod Type Mini Standard Controllers Integrated able/Arm Flat Type

Controllers PMEC PSEP AGED NET ERC2 PCON ACON SCON PSEL ASEL SSEL

Servo Moto (24V)

For Special Orders P. A-9



Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
	1am	AMEC-C-1011-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ <b>P</b> 477
Solenoid Valve Type	1	ASEP-C-10I①-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	→ P487
Splash-Proof Solenoid Valve Type	1	ASEP-CW-10I①-NP-2-0	Supports both single and double solehold types. No homing necessary with simple absolute type.			-	7 F407	
Positioner Type		ACON-C-10I①-NP-2-0	<ul> <li>Positioning is possible for up to 512 points</li> </ul>	512 points		(Standard) 1.3A rated	-	→ P535
Safety-Compliant Positioner Type		ACON-CG-10I①-NP-2-0					-	
Pulse Train Input Type Differential Line Driver)	<u>i</u>	ACON-PL-10I①-NP-2-0	Pulse train input type with differential line driver support	()	DC24V	4.4A max. (Power-saving)	-	
ulse Train Input Type (Open Collector)		ACON-PO-101①-NP-2-0	Pulse train input type with open collector support			1.3A rated 2.5A max.	-	
erial Communication Type		ACON-SE-10I①-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-10①	Dedicated to field network	768 points			-	→ P503
Program Control Type		ASEL-C-1-10I①-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567





