

Actuator Specifications											
■ Lead and Load Capacity ■ Stroke and Maximum Speed							d Maximum Speed				
Model	Motor Output (w)	Feed Screw		Max. Load Horizontal (kg)				Stroke (mm)	Lead	Stroke	25/50 (mm)
RCA2-SD3N-I-10-4S-1-2-3-4			4	0.25	0.125 (*1)	25.1			rew	4	200
RCA2-SD3N-I-10-2S-①-②-③-④	10	Lead screw	2	0.5	0.25 (*1)	50.3	+0.05	±0.05 25 50	ad Scr	2	100
RCA2-SD3N-I-10-1S-1-2-3-4			1	1	1 0.5 (*1) 100.5	Lee	1	50			
Legend ① Stroke ② Compatible controller ③ Cable length ④ Options (*1) When the actuator is fixed (Unit: mm/s)											

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Standard Price
Feed Screw
Lead Screw
-
-

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

\* The RCA2 comes standard with a robot cable.

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

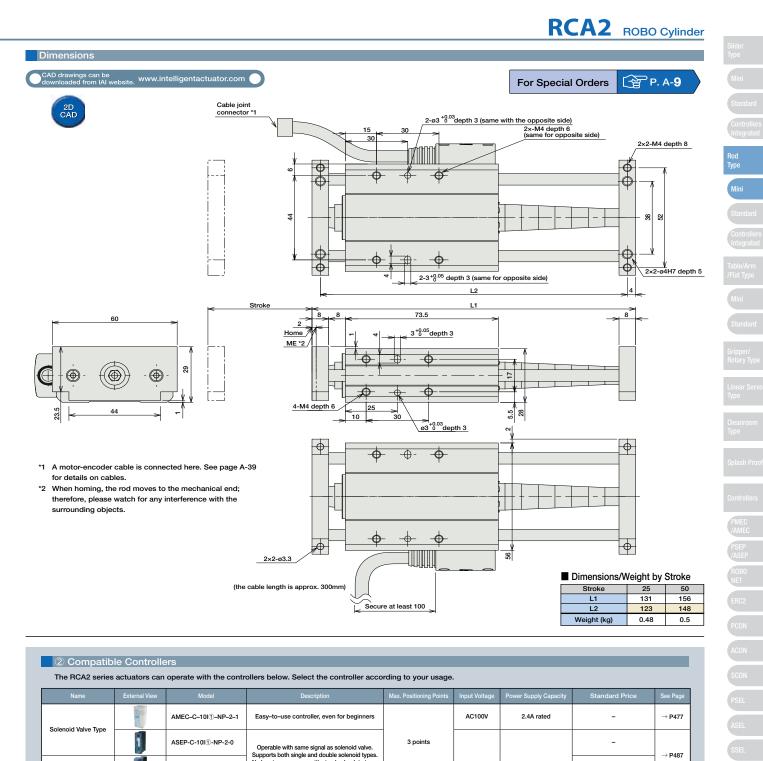
④ Option List			
Name	Option Code	See Page	Standard Price
Power-saving	LA	ightarrow A-32	-

## Actuator Specifications

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 cycles

Servo Moto (24V

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2 Compatible Controllers

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Pag
Solenoid Valve Type	AMEC-C-101①-NP-2-1		Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477
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		(Standard) 1.3A rated	-	→ P487
Splash-Proof Solenoid Valve Type	I	ASEP-CW-10I①-NP-2-0	No homing necessary with simple absolute type.				-	→ P48
Positioner Type	Í	ACON-C-10I①-NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety-Compliant Positioner Type		ACON-CG-10I①-NP-2-0	Positioning is possible for up to 512 points				-	
Pulse Train Input Type Differential Line Driver)	ń	ACON-PL-10I①-NP-2-0	Pulse train input type with differential line driver support		DC24V	4.4A max. (Power-saving)	-	→ P53
Pulse Train Input Type (Open Collector)		ACON-PO-10I①-NP-2-0	Pulse train input type with open collector support	(-)		1.3A rated 2.5A max.	-	
Serial Communication Type	ACON-SE-	ACON-SE-10I①-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-10①	Dedicated to field network	768 points			-	→ P50
Program Control Type		ASEL-C-1-101①-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P56

The RCA2 series actuators can operate with the controllers below. Select the controller according to your usage



Servo Motor (24V)