Controllers
Integrated

Rod
Type

Mini

Standard

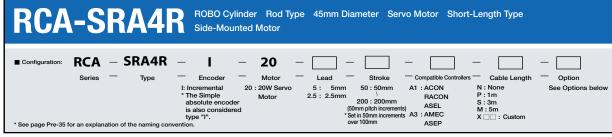
Controllers
Integrated

Table/Arn
//Flat Typ

Mini

Standard

PMEC /AMEC
PSEP /ASEP
ROBO NET
ERC2
PCON
ACON
SCON
PSEL
ASEL





Actuator Specifications ■ Lead and Load Capacity Stroke and Maximum Speed Stroke Max. Load Capacity $20 \sim 200$ Lead Rated Thrus Stroke RCA-SRA4R-I-20-5-1 - 2 - 3 - 4 20~200 5 9 3 41 5 250 (10mm RCA-SRA4R-I-20-2.5- 1 - 2 - 3 - 4 2.5 18 6.5 81 2.5 125 (Note 1) (Note 1) 50mm increi ents over 100mm (Unit: mm/s) Legend Stroke Compatible controllers Cable length 4 Options

① Stroke List						
Stroke (mm)	Standard Price					
20~50	-					
60~100	-					
150	-					
200	-					

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

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

Option List			
Name	Option Code	See Page	Standard Price
Brake	В	→ A-25	_
Flange bracket (front)	FL	→ A-27	_
Flange bracket (back)	FLR	→ A-28	_
Foot bracket 1 (base mounting)	FT	→ A-29	-
Foot bracket 2 (right/left side mounting)	FT2/FT4	→ A-31	_
Power-saving	LA	→ A-32	_
Reversed-home	NM	→ A-33	_

Name	Option Code	See Page	Standard Price	l	Item	Description				
Brake	В	→ A-25	-		Drive System	Ball screw ø8mm C10 grade				
Flange bracket (front)	FL	→ A-27	-		Positioning Repeatability	±0.02mm				
Flange bracket (back)	FLR	→ A-28	-	l	Lost Motion	0.1mm or less				
Foot bracket 1 (base mounting)	FT	→ A-29	-	ĺ	Rod Diameter	ø22mm				
Foot bracket 2 (right/left side mounting)	FT2/FT4	→ A-31	-		Non-rotating accuracy of rod	-				
Power-saving	LA	→ A-32	-	İ	Ambient Operating Temp./Humidity	0 ~ 40°C, 85% RH or less (non-condensing)				
Reversed-home	NM	→ A-33	-	Ī						
* The brake is available for strokes	The brake is available for strokes of 70mm or more.									

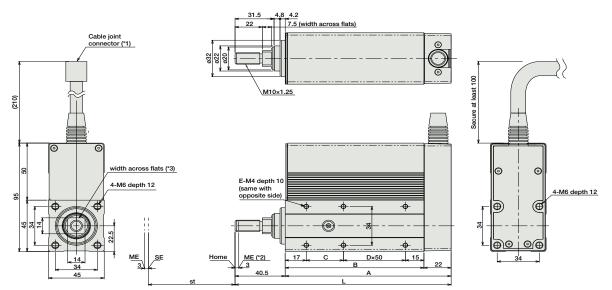
Actuator Specifications

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^{*} See page A-39 for cables for maintenance.



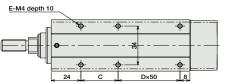




* The exterior dimensions for the brake-equipped model is no different than the standard model.

However, 70mm is the minimum stroke of the brake-equipped models.

(i.e. The brake is not compatible at 60mm strokes and under.)



M10×1.25 Dimensions of the Supplied Nut

ST : Stroke SE : Stroke end ME : Mechanica

- (*1) The motor-encoder cable is connected here. See page A-39 for details on cables.
- (*2) When homing, the rod moves to the mechanical end position; therefore, please watch for any interference with the surrounding objects.
- (*3) The orientation of the bolt will vary depending on the product.

Dimensions/	Weigl	ht by	Strok	e (A	dd 0.2kg	for bra	ke equip	ped)
Stroke	20	30	40	50	60	70	80	90

Stroke	20	30	40	50	60	70	80	90	100	150	200
L	124.5	134.5	144.5	154.5	164.5	174.5	184.5	194.5	204.5	254.5	304.5
Α	84	94	104	114	124	134	144	154	164	214	264
В	62	72	82	92	102	112	122	132	142	192	242
С	30	40	50	60	70	30	40	50	60	60	60
D	0	0	0	0	0	1	1	1	1	2	3
E	4	4	4	4	4	6	6	6	6	8	10
Weight (kg)	0.78	0.84	0.9	0.96	1.03	1.09	1.15	1.21	1.27	1.59	1.9

② Compatible Controllers

The RCA 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 Pag
Solenoid Valve Type	la s	AMEC-C-20SI ① -NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P47
Solenoid valve Type	1	ASEP-C-20SI ① -NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	
Splash-Proof Solenoid Valve Type	D	ASEP-CW-20SI ① -NP-2-0	No homing necessary with simple absolute type.				-	→ P4i
Positioner Type	I.	ACON-C-20SI ① -NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety-Compliant Positioner Type		ACON-CG-20SI ① -NP-2-0	Positioning is possible for up to 512 points	312 points			-	
Pulse Train Input Type (Differential Line Driver)		ACON-PL-20SI ① -NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V	1.7A rated 5.1A peak	-	→ P5
Pulse Train Input Type (Open Collector)	à	ACON-PO-20SI ① -NP-2-0	Pulse train input type with open collector support	(-)			-	
Serial Communication Type		ACON-SE-20SI ① -N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-20S ①	Dedicated to field network	768 points			-	→ P5
Program Control Type		ASEL-C-1-20SI ① -NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P5

* ① is a placeholder for the code "LA" if the power-saving option is specified.

IAI

RCA-SRA4R **210**



Controllers integrated

Rod Type

Mini

Standard

Controllers integrated

Table/Arm Flat Type

Mini