

Actuator Specifications											
Lead and Load Capacity										Stroke an	d Maximum Speed
Model	Motor Output (w	Feed Screw	Lead (mm)	Max. Load Horizontal (kg)		Rated Thrust (N)		Stroke (mm)	Lea	Stroke	30 (mm)
RCA2-RN4N-I-20-6-30-①-②-③	20 Ball Screw	6	2	0.5	33.8			N	6	270 <220>	
RCA2-RN4N-I-20-4-30-①_②_③		Ball Screw	4	3	0.75	50.7	±0.02	30 (Fixed)	II Screw	4	200
RCA2-RN4N-I-20-2-30-①_②_③			2	6	1.5	101.5			Ball	2	100
RCA2-RN4N-I-20-6S-30-①-②-③			6	0.25	0.125	19.9			Me	6	220
RCA2-RN4N-I-20-4S-30-①_②_③	20	Lead Screw	4	0.5	0.25	29.8	±0.05	30 (Fixed)	ad Screw	4	200
RCA2-RN4N-I-20-2S-30-①_②_③	]		2	1	0.5	59.7			Lead	2	100
Legend Compatible controller Cable length	3 Optic	ons							* The	values enclosed	d in < > apply for vertical usage. (Unit

Legend ① Compatible controller ② Cable length ③ Options

Stroke List		
	Standa	rd Price
Stroke (mm)	Feed	Screw
	Ball Screw	Lead Screw

## Unit: mm/s)

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

\* The RCA2 comes standard with a robot cable.

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

Option Code	See Page	Standard Price
K2	ightarrow A-32	-
LA	ightarrow A-32	-
	К2	K2 $\rightarrow$ A-32

Actuator Specifications						
Item	Description					
Drive System	Ball screw/lead screw ø6mm C10 grade					
Lost Motion	Ball screw: 0.1mm or less/Lead screw: 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 Lead Screw	Horizontal: 10 million cycles Vertical: 5 million cycles					

## 179 RCA2-RN4N

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ervo Motor (24V)

## RCA2 ROBO Cylinder

For Special Orders

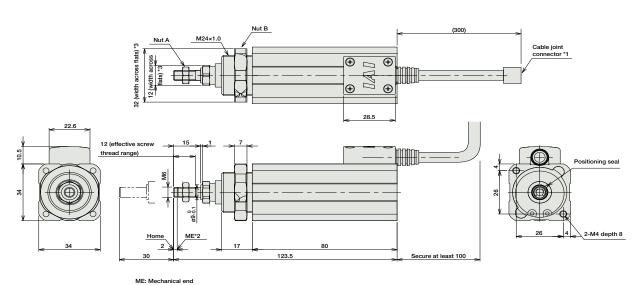
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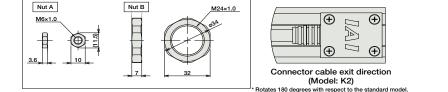
\*1 A motor-encoder cable is connected here. See page A-39 for details on cables.

\*2 When homing, the rod moves to the mechanical end; therefore, please watch for any interference with the surrounding objects.

\*3 The orientation of the bolt will vary depending on the product.

Dimensions





Dimensions/Weight by Stroke					
Stroke	30				
Weight (kg)	0.5				

		Model						
Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Pag
Colona id Value Tura		AMEC-C-20I①-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P47
Solenoid Valve Type	1	ASEP-C-2011-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points		(Standard) 1.3A rated 4.4A max. (Power-saving)	-	<ul> <li>→ P487</li> <li>→ P535</li> </ul>
plash-Proof Solenoid Valve Type		ASEP-CW-20I <sup>®</sup> -NP-2-0	No homing necessary with simple absolute type.				-	
Positioner Type	Í	ACON-C-2011-NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety-Compliant Positioner Type		ACON-CG-20I①-NP-2-0					-	
Pulse Train Input Type Differential Line Driver)	<u>i</u>	ACON-PL-20I -NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V		-	
ulse Train Input Type (Open Collector)	ě.	ACON-PO-2011-NP-2-0	Pulse train input type with open collector support	(-)		1.3A rated 2.5A max.	-	
erial Communication Type		ACON-SE-2011-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-20①	Dedicated to field network	768 points			-	→ P50
rogram Control Type	Ĩ	ASEL-C-1-20I①-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P56

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



IAI



Mini Standard Controllers integrated Rod Type Mini Standard Controllers integrated rable/Arm Flat Type Controllers PMEC AMEC PSEP ASEP ROBO NET ERC2 PCON ACON SCON PSEL ASEL SSEL

Servo Moto (24V)