

Actuator Specifications											
Lead and Load Capacity									∎ s	troke an	d Maximum Speed
Model	Motor Output (w)	Feed Screw	Lead (mm)	Max. Load Horizontal (kg)		Rated Thrust (N)		Stroke (mm)	Lead	Stroke	30 (mm)
RCA2-RP4N-I-20-6-30-①-②-③			6	2	0.5	33.8			Me	6	270 <220>
RCA2-RP4N-I-20-4-30-①-②-③	20	Ball Screw	4	3	0.75	50.7	±0.02	30 (Fixed)	all Screw	4	200
RCA2-RP4N-I-20-2-30-①-②-③			2	6	1.5	101.5			Ba	2	100
RCA2-RP4N-I-20-6S-30-①-②-③			6	0.25	0.125	19.9			ew	6	220
RCA2-RP4N-I-20-4S-30-①-②-③	20	Lead Screw	4	0.5	0.25	29.8	±0.05	30 (Fixed)	ead Screw	4	200
RCA2-RP4N-I-20-2S-30-①-②-③]		2	1	0.5	59.7			Lea	2	100
									* The v	aluos onelosod	lin < > apply for vortical usage

Legend ①Compatible controller ②Cable length ③Options

Stroke List	
	Standard Price
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	Standa	rd Price			
Stroke (mm)	Feed Screw				
	Ball Screw	Lead Screw			
30	-	-			

The values enclosed in < > apply for vertical usage. (Unit: mm/s)

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

* The RCA2 comes standard with a robot cable. * See page A-39 for cables for maintenance.

③ Option List			
Name	Option Code	See Page	Standard Price
Connector cable exit direction	K2	ightarrow A-32	-
Power-saving	LA	ightarrow A-32	-

Actuator Specification	ons				
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				

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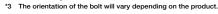
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RCA2 ROBO Cylinder

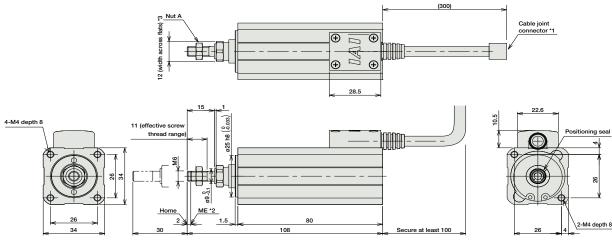
P. A-9 For Special Orders

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

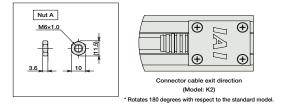
*2 When homing, the rod moves to the mechanical end; therefore, please watch for any interference with the surrounding objects.



Dimensions



ME: Mechanical end



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Dimensions/Weight by Stroke				
Stroke	30			
Weight (kg)	0.42			

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Pag
		AMEC-C-20I①-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P4
Solenoid Valve Type	1	ASEP-C-20I①-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-20I -NP-2-0	No homing necessary with simple absolute type.				-	7 P4
Positioner Type		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		orz polita		(Standard) 1.3A rated	-	
Pulse Train Input Type Differential Line Driver)		ACON-PL-2011-NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V	4.4A max. (Power-saving)	-	→ P535
Pulse Train Input Type (Open Collector)	2	ACON-PO-201①-NP-2-0	Pulse train input type with open collector support	(-)		1.3A rated 2.5A max.	-	
Serial 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			-	→ P5
Program Control Type	Î	ASEL-C-1-2011-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P5





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