ontrollers ntegrated Rod Type Mini Standard

ntrollers tegrated

Table/Arr /Flat Typ Mini Standard

Grippe otary Typ

Controllers /AMEC PSEP /ASEP ROBO NET ERC2 PCON ACON SCON SCON SCON SSEL SSEL



Actuator Specifications											
Lead and Load Capacity Stroke and Maximum Speed											
Model	Motor Output (W)	Feed Screw	Lead (mm)	Max. Load Horizontal (kg)	Capacity Vertical (kg)	Rated Thrust (N)	Positioning Repeatability (mm)	Stroke (mm)	Leac	Stroke	30 (mm)
RCA2-RN3N-I-10-4S-30-①-②-③		Lead Screw	4	0.25	0.125	25.1	±0.05	30 (Fixed)	Ma	4	200
RCA2-RN3N-I-10-2S-30-①-②-③	10		2	0.5	0.25	50.3			ad Screv	2	100
RCA2-RN3N-I-10-1S-30-1-2-3			1	1	0.5	100.5			Lea	1	50
Legend ① Compatible controller ② Cable length	③ Optio	ns									(Unit: mm/s)

•			
Stroke	liet		

STICKE LIST	
	Standard Price
Stroke (mm)	Feed Screw
	Lead Screw
30	-

2 Cable List

	L .		
Туре	Cable Symbol	Standard Price	
Standard	P (1m)	-	
(Robot Cables)	S (3m)	-	
	M (5m)	-	
	X06 (6m) ~ X10 (10m)	-	
Special Lengths		-	
	X16 (16m) \sim 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	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

177 RCA2-RN3N



RCA2 ROBO Cylinder

Mini Standard Controllers Integrated Rod Type Mini Standard Controllers Integrated

able/Arm Hat Type

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

Servo Moto (24V)

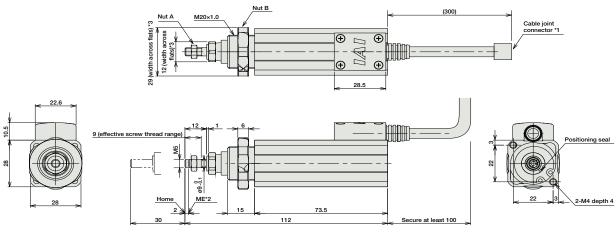
Dimensions

P. A-9 For Special Orders

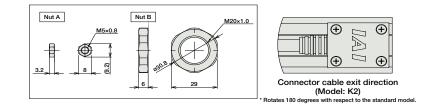
*1 A motor-encoder cable is connected here. See page A-39 for details on cables.

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

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



ME: Mechanical end



8 22 3 2-M4 depth 4

Dimensions/Weight by Stroke				
Stroke	30			
Weight (kg)	0.25			

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Pa
	a	AMEC-C-10I①-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P4
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			-	→ P4
Splash-Proof Solenoid Valve Type	I	ASEP-CW-101①-NP-2-0	No homing necessary with simple absolute type.				-] → P4
Positioner Type		ACON-C-10I①-NP-2-0	Positioning is possible for up to 512 points	512 points		(Standard) 1.3A rated 4.4A max. (Power-saving) 1.3A rated 2.5A max.	-	
Safety-Compliant Positioner Type		ACON-CG-10I①-NP-2-0	r oakoning is possible for up to 512 points	512 points			-	
Pulse Train Input Type Differential Line Driver)	<u>e</u> i	ACON-PL-10I①-NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V		-	\rightarrow P535
Pulse Train Input Type (Open Collector)	ě.	ACON-PO-1011-NP-2-0	Pulse train input type with open collector support	(-)			-]
Serial Communication Type		ACON-SE-101①-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-10①	Dedicated to field network	768 points			-	→ P5
Program Control Type		ASEL-C-1-1011-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.



