RCA2 ROBO Cylinder



I Leads and Payloads Stroke and Maximum Speed									peea			
Model number	Motor output (W)	Feed screw	Lead (mm)	Max. Load Horizontal (kg)	Capacity Vertical (kg)	Rated thrust (N)	Positioning Repeatability (mm)	Stroke (mm)	Lead	Stroke	30 (mm)	50 (mm)
8CA2-RP4NA-I-20-6-①-②-③-④			6	2	0.5	33.8			3	6	270 <220>	300
8CA2-RP4NA-I-20-4-①-②-③-④	20	Ball screw	4	3	0.75	50.7	±0.02	30 50	Ball screw	4	200	
RCA2-RP4NA-I-20-2-①-②-③-④			2	6	1.5	101.5				2	10	00
RCA2-RP4NA-I-20-65-①-②-③-④			6	0.25	0.125	19.9			M	6	220	300
RCA2-RP4NA-I-20-4S-①-②-③-④	20	Lead screw	4	0.5	0.25	29.8	±0.05	30 50	id screw	4	200	
CA2-RP4NA-I-20-2S-①-②-③-④		sciew		1	0.5	59.7			Lead	2	10	00

See page Standard price

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	300

④Options

Brake

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Stroke (mm)	Standard price					
	Feed screw					
(IIIII)	Ball screw	Lead screw				
30		—				
50	_	—				

Option code

В

K1

K2

К3

LA

3		012	

Туре	Cable symbol	Standard price	
Chan aloud	P (1m)	—	
Standard (Robot Cables)	S (3m)	—	
(RODOL Cables)	M (5m)	—	
	X06 (6m) ~ X10 (10m)	—	
Special length	X11 (11m) ~ X15 (15m)	_	
	X16 (16m) ~ X20 (20m)	—	

* The standard cable for the RCA2 is the robot cable. * See page A-59 for cables for maintenance.

Actuator Specifications

	-				
	ltem	Description			
Drive System		Ball screw/Lead screw, ø6mm, rolled C10			
Lost Motion		Ball screw: 0.1mm or less Lead screw: 0.3mm or less (initial value)			
Frame		Material: Aluminum, white alumite treated			
Ambient operating temperature, humidity		0 to 40°C, 85% RH or less (Non-condensing)			
Service life	Lead screw specification	Horizontal specification: 10 million cycles, Vertical specification: 5 million cycles			
	Ball screw specification	5,000km or 50 million cycles			

Rod Type

207 RCA2-RP4NA

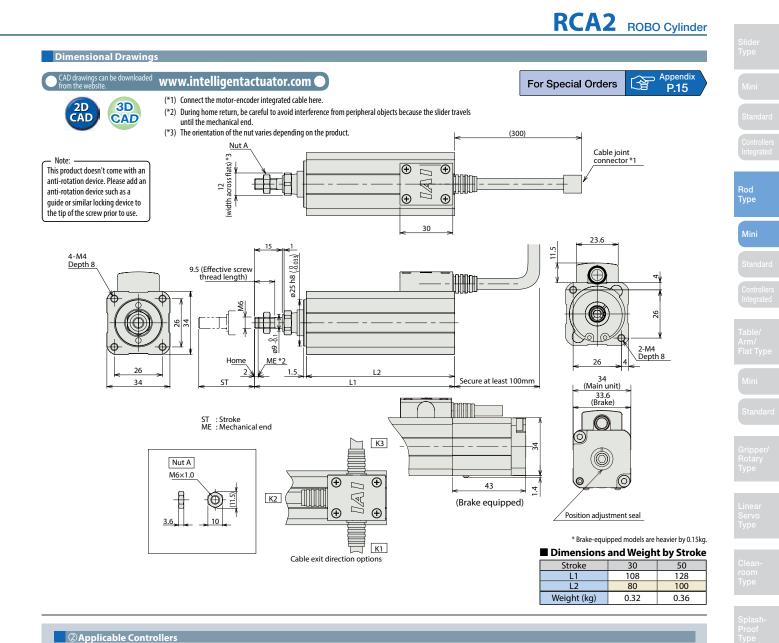
Name

Connector cable exits from the left

Connector cable exits from the front

Connector cable exits from the right

Power-saving specification



RCA2 series actuators can be operated with the controllers indicated below. Select the type according to your intended application. * ACON-CY also can be used. Externa -Fasy-to-use controller, even for

Solenoid Valve Type	AMEC-C-20I①-①-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	—	→ P537		
Solenoid valve type	1	ASEP-C-20I①-①-2-0	Simple controller operable with the same signal as a solenoid valve	3 points			_	→ P547	
Solenoid valve multi-axis type PIO specification		MSEP-C	Positioner type based on PIO control, allowing up to 8 axes to be connected					→ P563	
Solenoid valve multi-axis type Network specification		MSEP-C	Field network-ready positioner type, allowing up to 8 axes to be connected	256 points		(Standard) 1.3A rated 4.4A max. (Power-saving) 1.3A rated 2.5A max.	_		
Positioner type	L	ACON-C-201①-①-2-0	Positioning is possible for up to 512	512 points			—		
Safety-Compliant Positioner Type		ACON-CG-201()-())-2-0	points		DC24V		_		
Pulse Train Input Type (Differential Line Driver)		ACON-PL-201①-①-2-0	Pulse train input type with differential line driver support	()			_	→ P631	
Pulse Train Input Type (Open Collector)	2	ACON-PO-2011-11-2-0	Pulse train input type with open collector support	(—)			—		
Serial Communication Type		ACON-SE-201①-N-0-0	Dedicated Serial Communication	64 points			—		
Program Control Type		ASEL-CS-1-201①-①-2-0	Programmed operation is possible. Can operate up to 2 axes	1,500 points			_	→ P675	
* This is for the single-axis ASEL. * Enter the code "LA" in ① when the power-saving specification is specified. * ① indicates I/O type (NP/PN). * ① indicates number of axes (1 to 8). * ② indicates field network specification symbol.									

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Servo Motor (24V)