

Actuator Specifications											
■ Lead and Load Capacity ■ Stroke and Maximum Speed											
Model	Motor Output (W)	Feed Screw	Lead (mm)	Max. Load Horizontal (kg)		Rated Thrust (N)	Positioning Repeatability (mm)	Stroke (mm)	Lea	Stroke	30 (mm)
RCA2-TFA3N-I-10-4S-30-①-②-③		Lead screw	4	0.25	0.125	25.1		30 (Fixed)	ew	4	200
RCA2-TFA3N-I-10-2S-30-①-②-③	10		2	0.5	0.25	50.3	±0.05		ead screw	2	100
RCA2-TFA3N-I-10-1S-30-①-②-③			1	1	0.5	100.5			Les	1	50
legend Compatible controller @Cable length @Ontions (Unit: mm/s)											

Legend ① Compatible controller ② Cable length ③ Options

Stroke List	
Stroke (mm)	Standard Price
30	-

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

 * The RCA2 comes standard with a robot cable.

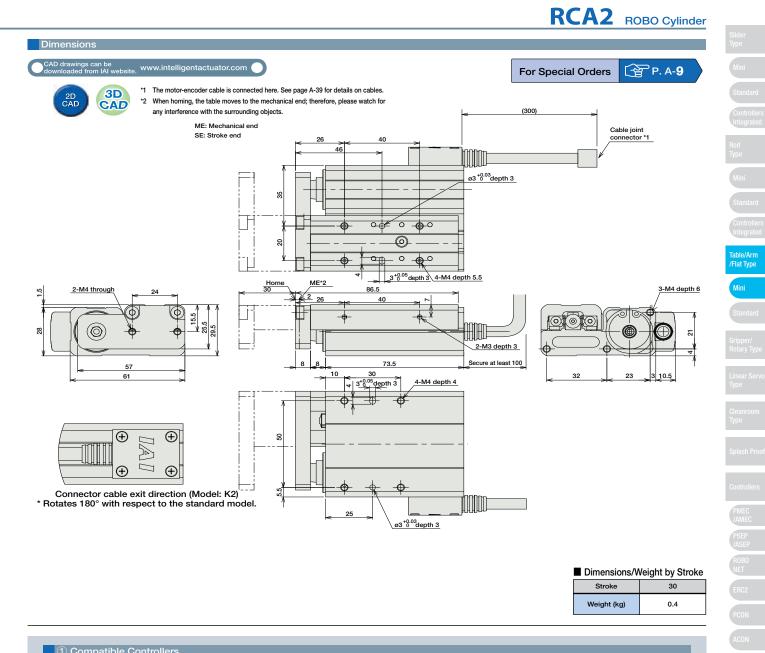
* See page A-39 for cables for maintenance.

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 Specifications

Item	Description				
Drive System	Lead screw ø4mm C10 grade				
Lost Motion	0.3mm or less (initial value)				
Frame	Material: Aluminum (white alumite treated)				
Allowable Dynamic Moment (Note)	Ma: 9.9 N·m Mb: 9.9 N·m Mc: 3.3 N·m				
Ambient Operating Temp./Humidity	$0{\sim}40^{\circ}$ C, 85% RH or less (non-condensing)				
Service Life	Horizontal: 10 million cycles Vertical: 5 million cycles				

(Note) Based on a 5,000 km service life set for the guide.



Dimensions/Weight by Stroke

Stroke	30
Weight (kg)	0.4

SCON PSEL ASEL SSEL

XSEL

Servo Motor (24V)

Controllers ntegrated

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
olenoid Valve Type		AMEC-C-10I①-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P 477
olenoid valve type	1	ASEP-C-10I ()-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	- → P487
Splash-Proof olenoid Valve Type	T	ASEP-CW-10I①-NP-2-0	No homing necessary with simple absolute type.				-	
Positioner Type		ACON-C-10I①-NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety–Compliant Positioner Type		ACON-CG-10I①-NP-2-0		UT2 points	DC24V	(Standard) 1.3A rated 4.4A max. (Power-saving) 1.3A rated 2.5A max.	-	→ P535
ulse Train Input Type ifferential Line Driver)		ACON-PL-1011-NP-2-0	Pulse train input type with differential line driver support	(-)			-	
ulse Train Input Type (Open Collector)	e	ACON-PO-10I①-NP-2-0	Pulse train input type with open collector support	(-)			-	
Serial ommunication Type		ACON-SE-101 ()-N-0-0	Dedicated to serial communication	64 points			-	
ield Network Type		RACON-10①	Dedicated to field network	768 points			_	→ P50
Program Control Type		ASEL-C-1-10I①-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567



