



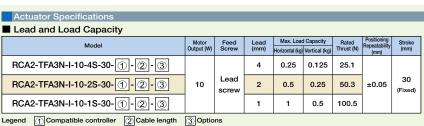
Power-saving

Technical References

P. A-5

Notes on Selection

- (1) The load capacity is based on operation at an acceleration of 0.2G. This is the upper limit of the acceleration.
- (2) This model uses a Lead screw, therefore please ensure that your usage is appropriate for its characteristics. (See page Pre-42 for more information.)



	■ S	troke an	d Maximum Speed
1	Stroke Lead		30 (mm)
]	we	4	200
	ead screw	2	100
	Le	1	50
Ī			(Unit: mm/s)

Stroke List	
Stroke (mm)	Standard Price
20	

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

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

Pulse Motor

Mini
Standard
Controllers
Integrated
Rod
Type
Mini
Standard
Controllers
Integrated
Table/Arm
/Flat Type
Mini
Standard
Gripper
Rotary Type

Servo Motor (24V)

Servo Moto (200V

Linear Servo Motor

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

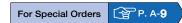
Actuator Specifications	5			
Item	Description			
Drive System	Lead screw ø4mm C10 grade			
Lost Motion	0.3mm or less (initial value)			
Frame	Material: Aluminum (white alumite treated)			
Allowable Dynamic Moment (Note)	Ma: 9.9 N·m Mb: 9.9 N·m Mc: 3.3 N·m			
Ambient Operating Temp./Humidity	0~40°C, 85% 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.

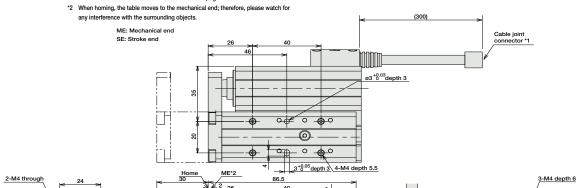
297 RCA2-TFA3N

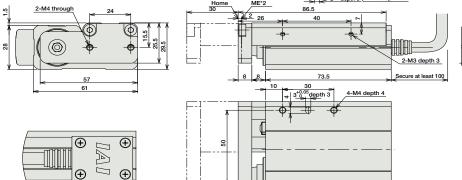






*1 The motor-encoder cable is connected here. See page A-39 for details on cables.





Connector cable exit direction (Model: K2) ** Rotates 180° with respect to the standard model.

PMEC /AMEC PSEP /ASEP ROBO NET ERC2 PCON ACON SCON PSEL ASEL SSEL

■ Dimensions/Weight by Stroke

Stroke	30
Weight (kg)	0.4

Name		Model	Description		Input Voltage	Power Supply Capacity		See Page
Solenoid Valve Type	100	AMEC-C-10I①-NP-2-1	Easy-to-use controller, even for beginners	3 points	AC100V	2.4A rated	-	→ P477
		ASEP-C-10I①-NP-2-0	Operable with same signal as solenoid valve.				-	→ P487
Splash-Proof Solenoid Valve Type	I	ASEP-CW-10I①-NP-2-0	Supports both single and double solenoid types. 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			-	→ P535
Safety-Compliant Positioner Type		ACON-CG-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.	-	
Pulse Train Input Type Differential Line Driver)		ACON-PL-10I①-NP-2-0	Pulse train input type with differential line driver support	()	DC24V		-	
Pulse Train Input Type (Open Collector)		ACON-PO-10I①-NP-2-0	Pulse train input type with open collector support	(-)			-	
Serial Communication Type		ACON-SE-10I①-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-10①	Dedicated to field network	768 points			-	→ P503
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

ø3 +0.03 depth 3

IAI

Mini
Standard
Controllers
Integrated

Rod
Type

Mini
Standard
Controllers
Integrated

Mini
Standard

Standard

Standard