

Dimensions

For Special Order  P. A-9

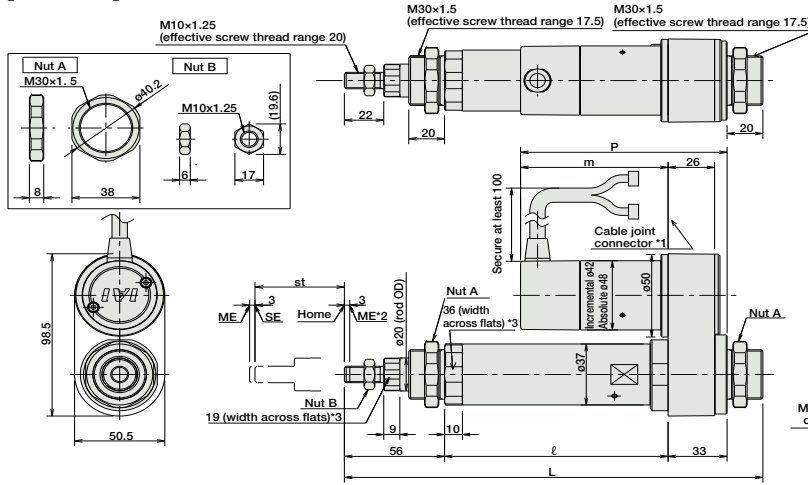
- *1. A motor-encoder cable is connected here. See page A-39 for details on cables.
- *2. When homing, the rod moves to the ME; therefore, please watch for any interference with the surrounding objects.
ME: Mechanical end SE: Stroke end
- *3. The orientation of the bolt will vary depending on the product.

■ Dimensions/Weight by Stroke

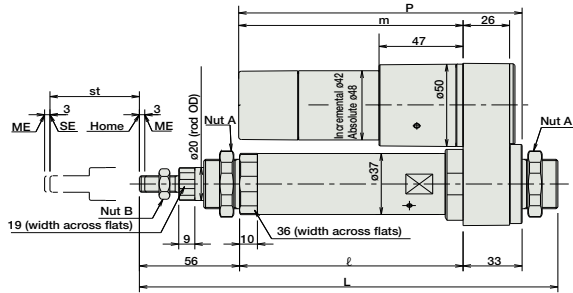
RCA-RA4R (without brake)

Stroke		50	100	150	200	250	300	
L	20W	Incr.	234	284	334	384	434	484
		Absol.	234	284	334	384	434	484
30W	Incr.	234	284	334	384	434	484	
	Absol.	234	284	334	384	434	484	
ℓ		125	175	225	275	325	375	
m	20W	Incr.						67.5
		Absol.						80.5
30W	Incr.						82.5	
	Absol.						95.5	
P	20W	Incr.						100.5
		Absol.						113.5
30W	Incr.						115.5	
	Absol.						128.5	
Weight (kg)		1.2	1.4	1.5	1.7	1.8	2.0	

[No Brake]



[Brake-Equipped]



RCA-RA4R (with brake)

Stroke		50	100	150	200	250	300	
L	20W	Incr.	234	284	334	384	434	484
		Absol.	234	284	334	384	434	484
30W	Incr.	234	284	334	384	434	484	
	Absol.	234	284	334	384	434	484	
ℓ		125	175	225	275	325	375	
m	20W	Incr.						110.5
		Absol.						123.5
30W	Incr.						125.5	
	Absol.						138.5	
P	20W	Incr.						143.5
		Absol.						156.5
30W	Incr.						158.5	
	Absol.						171.5	
Weight (kg)		1.4	1.6	1.7	1.9	2.0	2.2	

③ Compatible Controllers

The RCA series actuators can operate with the controllers below. Select the controller according to your usage.

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
Solenoid Valve Type		AMEC-C-20I-2 NP-2-1	Easy-to-use controller, even for beginners	3 points	AC100V	2.4A rated	-	→ P477
		AMEC-C-30I-2 NP-2-1						
Splash-Proof Solenoid Valve Type		ASEP-C-20I-2 NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types. No homing necessary with simple absolute type.	3 points	DC24V	20W 1.3A rated 4.4A peak	-	→ P487
		ASEP-C-30I-2 NP-2-0						
Positioner Type		ACON-C-20I-2 NP-2-0	Positioning is possible for up to 512 points	512 points	DC24V	20W 1.3A rated 4.4A peak	-	→ P535
		ACON-C-30I-2 NP-2-0						
Safety-Compliant Positioner Type		ACON-CG-20I-2 NP-2-0						
Pulse Train Input Type (Differential Line Driver)		ACON-PL-20I-2 NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V	20W 1.3A rated 4.4A peak	-	→ P535
Pulse Train Input Type (Open Collector)		ACON-PL-30I-2 NP-2-0						
Serial Communication Type		ACON-PO-20I-2 NP-2-0	Pulse train input type with open collector support	64 points	DC24V	20W 1.3A rated 4.4A peak	-	→ P535
		ACON-PO-30I-2 NP-2-0						
Field Network Type		ACON-SE-20I-2 N-0-0	Dedicated to serial communication	64 points				
Field Network Type		RACON-202	Dedicated to field network	768 points			-	→ P503
		RACON-302						
Program Control Type		ASEL-C-1-20-3I-2 NP-2-0	Programmed operation is possible. Operation is possible on up to 2 axes	1500 points			-	→ P567
		ASEL-C-1-30-3I-2 NP-2-0						

* This is for the single-axis ASEL.
 * ① is a placeholder for the encoder type (I: incremental / A: absolute).
 * ② is a placeholder for the code "LA" if the power-saving option is specified.

- Slider Type
- Mini
- Standard
- Controllers Integrated
- Rod Type
- Mini
- Standard
- Controllers Integrated
- Table/Arm /Flat Type
- Mini
- Standard
- Controller Integrated
- Table/Arm /Flat Type
- Mini
- Standard
- Gripper/ Rotary Type
- Linear Servo Type
- Cleanroom Type
- Splash Proof
- Controllers
- PMEC /AMEC
- PSEP /ASEP
- ROBO NET
- ERC2
- PCON
- ACON
- SCON
- PSEL
- ASEL
- SSEL
- XSEL
- Pulse Motor
- Servo Motor (24V)
- Servo Motor (200V)
- Linear Servo Motor