

Linear Servo Type

RCL



Linear Servo Type

	Slider Type	Mini Slim Model	20mm Width	RCL-SA1L	373
			24mm Width	RCL-SA2L	375
			28mm Width	RCL-SA3L	377
		Mini Long Stroke Type	40mm Width	RCL-SA4L	379
RCL			48mm Width	RCL-SA5L	383
series			58mm Width	RCL-SA6L	387
Linear Servo		Mini Multi-Slider Type	40mm Width	RCL-SM4L	381
Motor Type			48mm Width	RCL-SM5L	385
			58mm Width	RCL-SM6L	389
	Rod Type	Mini Slim Type	ø16mm	RCL-RA1L	391
			ø20mm	RCL-RA2L	393
			ø25mm	RCL-RA3L	395
	Air.oil S	stems, inc. wh	M. airon		

Slider Type

ре

Standar

Rod

Mini

Standard

Table/Arn

Mini

Standar

Gripper/ Rotary Type

Туре

Cleanroor Type

Splash Prod

Controllers

PMEC /AMEC

ROBO

ERC2

PCON

ACON

PSFI

SSEL

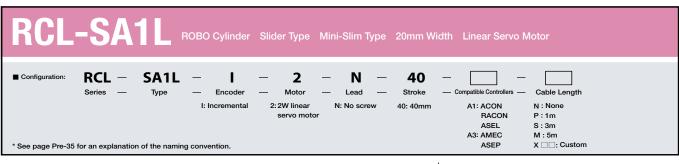
XSEL

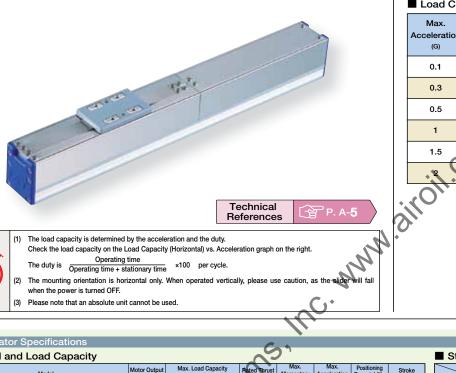
ulse Moto

Servo Moto (24V)

Servo Moto (200V)

Linear Servo Mo





■ Load Capacity (Horizontal) vs. Acceleration

Max. Acceleration	Load Capacity (kg)					
(G)	Continuous Operation (100% duty)	(70% or less duty)				
0.1	0.5					
0.3	0.5	0.5				
0.5	0.42					
1	0.25	0.32				
1.5	0.18	0.24				
. %	0.15	0.2				

(1) The load capacity is determined by the acceleration and the duty.

(3) Please note that an absolute unit cannot be used.

· · · · · · · · · · · · · · · · · · ·									
Actuator Specifications									
■ Lead and Load Capacity ■ Stroke and Maximum Speed									
Model	Motor Output (W)	Max. Load Capacity Horizontal (kg) Vertical (kg)	Rated Thrust (N)	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)	Stroke Lead	40 (mm)
RCL-SA1L-I-2-N-40-①-②	2	See table above	2	10	2	±0.1	40 (Fixed)	(No lead screw)	420
egend: ①Compatible controller ②Cable length (Unit: mm/s)									

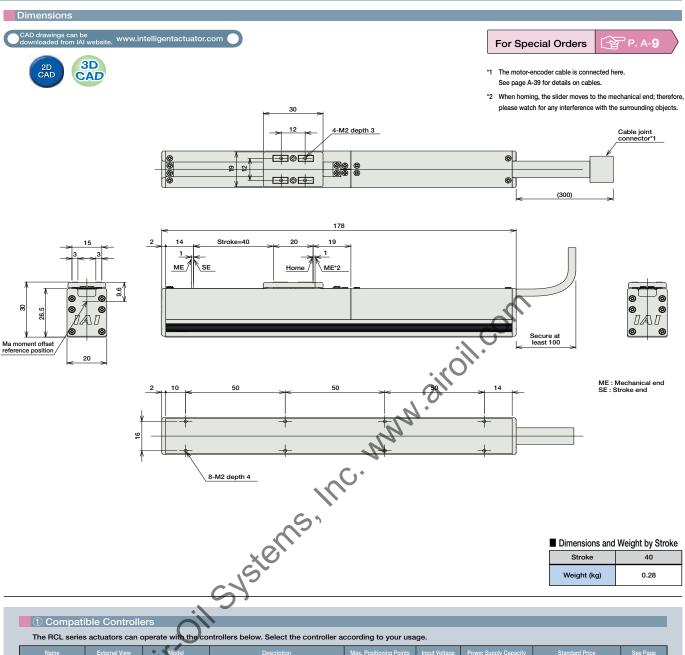
Stroke List Stroke (mm) 40

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

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

② Cable List

Actuator Specifications				
Item	Description			
Drive System	Linear servo motor			
Encoder Resolution	0.042mm			
Base	Material: Aluminum (white alumite treated)			
Allowable Dynamic Moment (Note)	Ma: 0.13N·m Mb: 0.12N·m Mc: 0.21N·m			
Overhang Load Length	50mm or less			
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)			

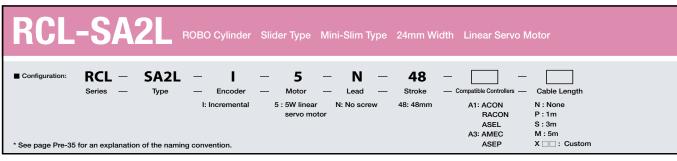


Dimensions and	■ Dimensions and Weight by Stroke			
Stroke	40			
Weight (kg)	0.28			

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page	
Solenoid Valve Type	CA .	AMEC-C-2I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477	
soletioid valve type		ASEP-C-2I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	→ P487	
Splash-Proof Solenoid Valve Type	1	ASEP-CW-2I-NP-2-0	No homing necessary with simple absolute type.		DC24V	4.6A max.	-	→ P487	
Positioner Type	E .	ACON-C-2I-NP-2-0	Positioning is possible for up to 512 points	512 points			-		
Safety-Compliant Positioner Type		ACON-CG-2I-NP-2-0	i osiaoning is possible for up to 012 points				-		
ulse Train Input Type ifferential Line Driver)		ACON-PL-2I-NP-2-0	Pulse train input type with differential line driver support	(-)			-	→ P535	
ulse Train Input Type (Open Collector)	e l	ACON-PO-2I-NP-2-0 Pulse train input type with open collector support			-				
Serial ommunication Type		ACON-SE-2I-N-0-0	Dedicated to serial communication	64 points			-		
Field Network Type		RACON-2	Dedicated to field network	768 points			-	→ P503	
Program Control Type		ASEL-C-1-2I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567	

IAI

RCL-SA1L **374**





■ Load Capacity (Horizontal) vs. Acceleration

Max.	Load Cap	acity (kg)		
Acceleration (G)	Continuous Operation (100% duty)	(70% or less duty)		
0.1	1			
0.3	•	1		
0.5	0.85			
1	0.5	0.6		
1.5	0.36	0.45		
. %	0.3	0.36		

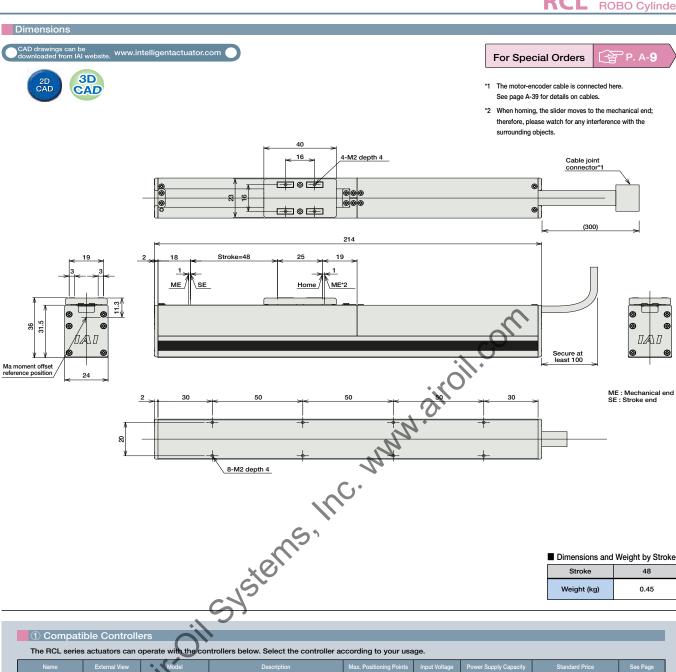
100								4	2	0.3	0.36
	Technical References P. A-5										
Notes on Selection	The duty is Operating time + stationary time ×100 per cycle.										
Actuate	or Specifications										
	nd Load Capacity			~) 1				■ Stroke and	d Maximum	Speed
	Model	Motor Output (W)	Max. Load Horizontal (kg)	nateu mitust	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)	Stroke Lead		48 (mm)
RCL-SA	RCL-SA2L-I-5-N-48-① -② 5 See table above 4 18 2 ±0.1 48 (Fixed) (No lead screw) 460										
Legend: 1	Compatible controller 2 Cat	ole length	1	,							(Unit: mm/s)

Stroke List	
Stroke (mm)	Standard Price
48	-

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

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

Actuator Specifications				
Item	Description			
Drive System	Linear servo motor			
Encoder Resolution	0.042mm			
Base	Material: Aluminum (white alumite treated)			
Allowable Dynamic Moment (Note)	Ma: 0.2N·m Mb: 0.17N·m Mc: 0.25N·m			
Overhang Load Length	60mm or less			
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)			



Dimensions and	Weight by Stroke
Stroke	48

0.45

Weight (kg)

Controllers

PMEC
/AMEC

PSEP
/ASEP

ROBO
NET

ERC2

PCON

ACON

SCON

PSEL

ASEL

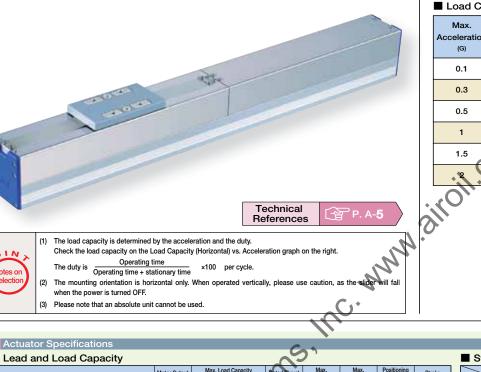
XSEL

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
Solenoid Valve Type	To the same of the	AMEC-C-5I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477
solenoid valve Type		ASEP-C-5I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	D407
Splash-Proof Solenoid Valve Type	1	ASEP-CW-5I-NP-2-0	No homing necessary with simple absolute type.				-	→ P487
Positioner Type		ACON-C-5I-NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety-Compliant Positioner Type	ACON-CG-5I-NP-2-0		r voluvining is possible for up to 312 points	512 points			-	
Pulse Train Input Type Differential Line Driver)	ACON-PL-5I-NP-2		Pulse train input type with differential line driver support	(-)	DC24V	6.4A max.	-	→ P535
Pulse Train Input Type (Open Collector)	ė.	ACON-PO-5I-NP-2-0	Pulse train input type with open collector support	(-)			-	
Serial Communication Type	ACON-SE-5I-N-0-0		Dedicated to serial communication	64 points			-	
Field Network Type		RACON-5	Dedicated to field network	768 points			-	→ P503
Program Control Type		ASEL-C-1-5I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567

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RCL-SA2L **376**





■ Load Capacity (Horizontal) vs. Acceleration

Max.	Load Cap	pacity (kg)
Acceleration (G)	Continuous Operation (100% duty)	(70% or less duty)
0.1	2	
0.3	2	2
0.5	1.8	
1	1	1.2
1.5	0.65	0.8
. %	0.5	0.6

Actuator Specifications ■ Lead and Load Capacity Model

RCL-SA3L-I-10-N-64-1 - 2

(1) The load capacity is determined by the acceleration and the duty.

(3) Please note that an absolute unit cannot be used.

	■ Stroke and Maximum Speed											
Motor Out; (W)	out Max. Load	d Capacity Vertical (kg)	Rated Thrust (N)	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)	1	Stroke Lead	64 (mm)		
10	See table above	S	8	30	2	±0.1	64 (Fixed)		(No lead screw)	600		
Cable length		, , , ,								(Unit: mm		

Legend: ① Compatible controller ② Cable length

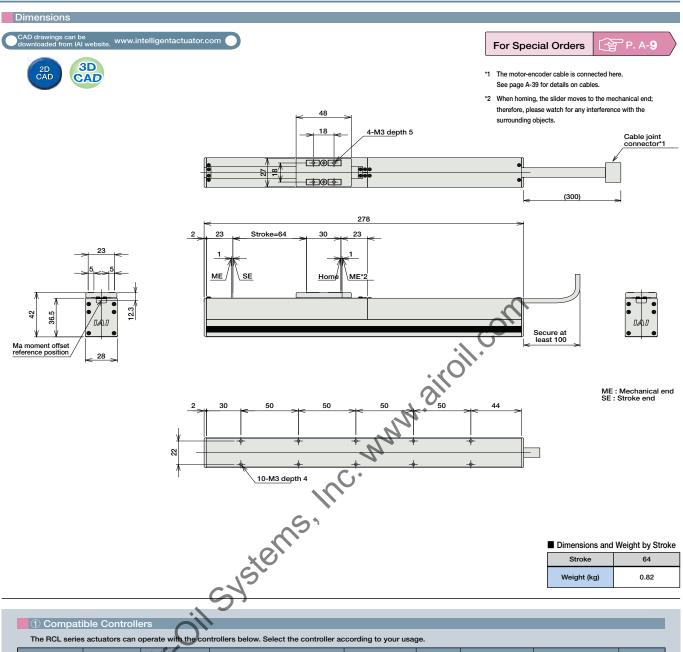
Stroke List	
Stroke (mm)	Standard Price
64	\ _

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

^{*} The RCL comes standard with a robot cable.

Actuator Specifications							
Item	Description						
Drive System	Linear servo motor						
Encoder Resolution	0.042mm						
Base	Material: Aluminum (white alumite treated)						
Allowable Dynamic Moment (Note)	Ma: 1.22N·m Mb: 1.08N·m Mc: 0.34N·m						
Overhang Load Length	Ma direction: 120mm or less Mb, Mc direction: 80mm or less						
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)						

^{*} See page A-39 for cables for maintenance.



Dimensions and	Weight by Stroke
Stroke	64

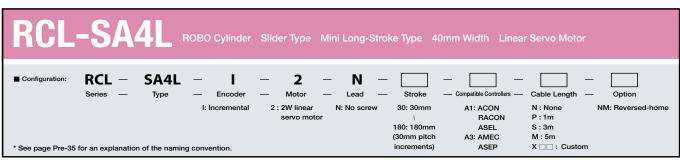
Stroke	64
Weight (kg)	0.82

Compatible Controllers		7	
The RCL series actuators can operate wit	h the	cc	entrollers 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-10I-NP-2-1 Easy-to-use controller, even for beginners			AC100V	2.4A rated	-	→ P477	
solenoid valve type		ASEP-C-10I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	. 5.407
Splash-Proof Solenoid Valve Type	ASEP-CW-10I-NP-2-0		No homing necessary with simple absolute type.				-	→ P487
Positioner Type		ACON-C-10I-NP-2-0	Positioning is possible for up to 512 points	512 points			-	
Safety-Compliant Positioner Type	ACON-CG-10I-NP-2-0 ACON-PL-10I-NP-2-0		rositioning is possible for up to 312 points	512 points		6.4A max.	-	
Pulse Train Input Type Differential Line Driver)			Pulse train input type with differential line driver support	()	DC24V		-	→ P535
Pulse Train Input Type (Open Collector)	ě	ACON-PO-10I-NP-2-0	Pulse train input type with open collector support	(-)			-	
Serial Communication Type		ACON-SE-10I-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-10 Dedicated to field network		RACON-10 Dedicated to field network 768 points			-	→ P503
Program Control Type	ASEL-C-1-10I-NP-2-0		Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567

IAI

RCL-SA3L **378**





■ Load Capacity (Horizontal) vs. Acceleration Max. Load Capacity (kg) Acceleration

Continuous Operation (100% duty) (G) 0.1 8.0 0.3 0.5 0.5 0.25 0.18 0.14

0 /								1.	.5	0.18				
			0								. 4	, ,	0.14	
						echnica eference		P. A-	5		O			
		(1)	Please note that this type has ma (If magnetism is a problem, pleas							0				
(2) The load capacity is determined by the acceleration and the duty. Check the load capacity on the Load Capacity (Horizontal) vs. Acceleration graph on the right. The duty is Operating time operating time + stationary time ×100 per cycle.														
		(3)												
		(4)	Please note that an absolute unit	cannot be u	sed.		(<u>. </u>						
							11							
	Actuate	or S	pecifications			C	- ^							
	■ Lead a	nd	Load Capacity			~~-) '					Stroke and	d Maximum Speed	
			Model	Motor Output (W)	Max. Load Capacity Horizontal (kg) Vertical (kg)	Rated Thrust (N)	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)		Stroke Lead	$30 \sim 180$ (30mm increments)	
	RCL-SA4L-I-2-N-① -② -③ -④ 2 See table above 2.5 10 2 ±0.1 30~180 (30mm increments) (No lead screw) 1200													
	Legend: 1	Str	oke Compatible control	ler ③C	able length 4 Op	tions							(Unit: ı	mm/s
					4.1									

① Stroke Li	st
Stroke (mm)	Standard Price
30	\ _
60	-
90	-
120	-
150	-
180	-

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

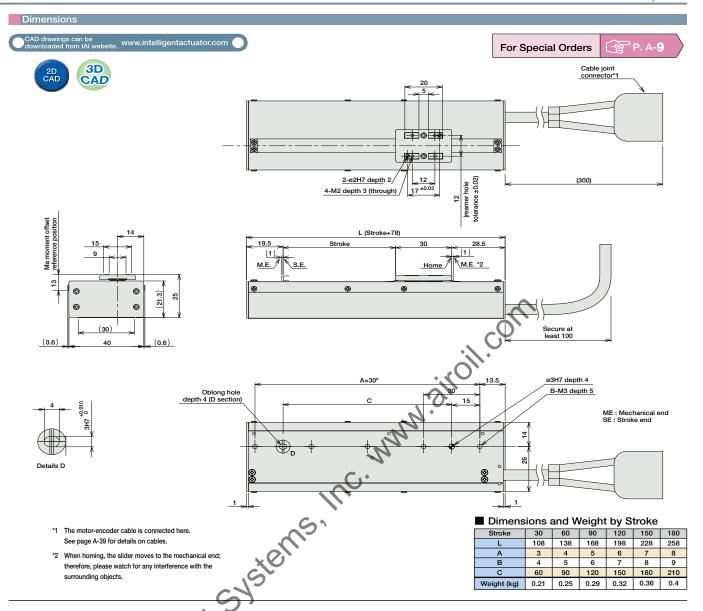
* The RCL comes standard with a robot cable.

③ Cable List

* See page A-39 for cables for maintenance.

4 Option List			
Name	Option Code	See Page	Standard Price
Reversed-home	NM	→ A-33	1

Actuator Specifications					
Item	Description				
Drive System	Linear servo motor				
Encoder Resolution	0.042mm				
Base	Material: Aluminum (white alumite treated)				
Allowable Dynamic Moment (Note)	Ma: 0.2N·m Mb: 0.17N·m Mc: 0.25N·m				
Overhang Load Length	Ma direction: 60mm or less Mb, Mc direction: 80mm or less				
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)				



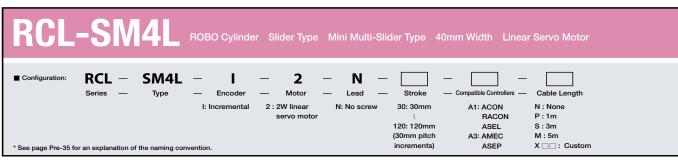
Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
Solenoid Valve Type		AMEC-C-2I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477
soletioid valve type		ASEP-C-2I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points		4.6A max.	-	→ P487
Splash-Proof Solenoid Valve Type	1	ASEP-CW-2I-NP-2-0	No homing necessary with simple absolute type.				-	→ P487
Positioner Type		ACON-C-2I-NP-2-0	Positioning is possible for up to 512 points	512 points			-	→ P535
Safety-Compliant Positioner Type		ACON-CG-2I-NP-2-0	r ositioning is possible for up to 012 points		DC24V		-	
Pulse Train Input Type Differential Line Driver)		ACON-PL-2I-NP-2-0	Pulse train input type with differential line driver support	(-)			-	
Pulse Train Input Type (Open Collector)	c	ACON-PO-2I-NP-2-0	Pulse train input type with open collector support	(-)			-	
Serial communication Type		ACON-SE-2I-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-2	Dedicated to field network	768 points	ı		-	→ P503

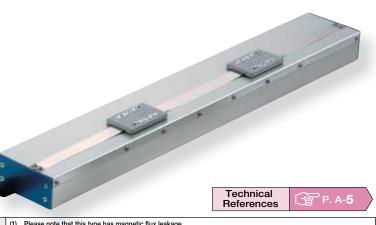
IAI

* This is for the single-axis ASEL.

RCL-SA4L **380**

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





■ Load Capacity (Horizontal) vs. Acceleration

Max. Acceleration	Load Capacity (kg)					
(G)	Continuous Operation (100% duty)					
0.1	0.8					
0.3	0.6					
0.5	0.5					
1	0.25					
1.5	0.18					
٠۶	0.14					

0										•	2	0.14
		3				echnical ference		P. A-	5	(),,	
	(1)	Please note that this type has ma (If magnetism is a problem, pleas	•	•	3L)					D.,		
OIN	Check the load capacity on the Load Capacity (Horizontal) vs. Acceleration graph on the right.											
Notes on Selection												
	(3)											
	(4)	Please note that an absolute unit	cannot be ι	sed.				<u>ن</u> -				
							14					
Actuate	or S	pecifications				C	- ^					
■ Lead a	nd	Load Capacity				~~	י כ				■ Stroke and	d Maximum Speed
		Model	Motor Output (W)	Max. Load Horizontal (kg)		Rated Thrust (N)	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)	Stroke Lead	$30 \sim$ 120 (30mm increments)
RCL-SM	14L	-I-2-N-①-②-③	2	See table above	S	2.5	10	2	±0.1	30~120 (30mm increments)	(No lead screw)	1200
Legend: 1	egend: ①Stroke ②Compatible controller ③Cable length (Unit: mm/s)											

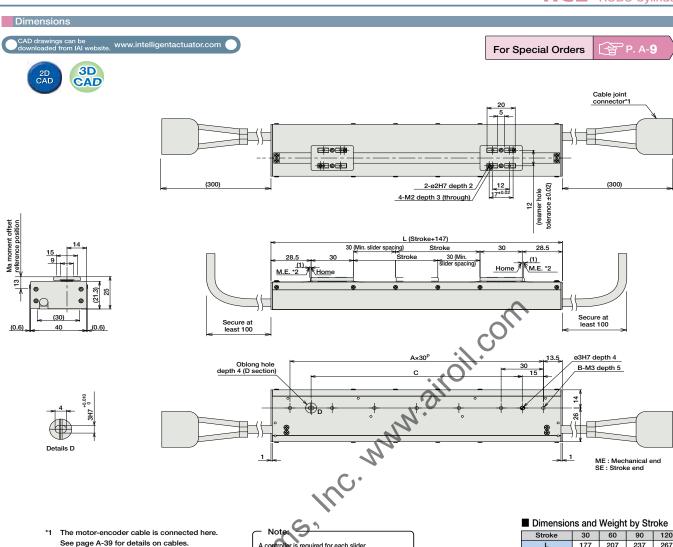
1) Stroke Li	st
Stroke (mm)	Standard Price
30	_
60	-
90	-
120	-

© Cable List								
Туре	Cable Symbol	Standard Price						
Standard Typ	P (1m)	_						
(Robot Cables	S (3m)	-						
(Robot Cables	M (5m)	-						
	X06 (6m) ~ X10 (10m)	-						
Special Lengt		_						
	X16 (16m) ~ X20 (20m)	_						

^{*} The RCL comes standard with a robot cable.

Actuator Specifications					
Item	Description				
Drive System	Linear servo motor				
Encoder Resolution	0.042mm				
Base	Material: Aluminum (white alumite treated)				
Allowable Dynamic Moment (Note)	Ma: 0.2N·m Mb: 0.17N·m Mc: 0.25N·m				
Overhang Load Length	Ma direction: 60mm or less Mb, Mc direction: 80mm or less				
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)				

^{*} See page A-39 for cables for maintenance.



See page A-39 for details on cables.

*2 When homing, the slider moves to the

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

A controller is required for each slider.

(or, one unit of 2-axis controller is required.)

■ Dimensions and Weight by Stroke							
Stroke	30	60	90	120			
L	177	207	237	267			
Α	5	6	7	8			
В	6	7	8	9			
С	120	150	180	210			
Weight (kg)	0.37	0.4	0.44	0.48			

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page		
Notice and Makes Toron	To the same	AMEC-C-2I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477		
Solenoid Valve Type -	1	ASEP-C-2I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	. 5407		
Splash-Proof Solenoid Valve Type		ASEP-CW-2I-NP-2-0	No homing necessary with simple absolute type.				-	→ P487		
Positioner Type		ACON-C-2I-NP-2-0	Positioning is possible for up to 512 points	512 points			-			
Safety-Compliant Positioner Type			ACON-CG-2I-NP-2-0			-				
Pulse Train Input Type Differential Line Driver)			C)	ACON-PL-2I-NP-2-0	Pulse train input type with differential line driver support	()	DC24V	4.6A max.	-	→ P535
Pulse Train Input Type (Open Collector)			ACON-PO-2I-NP-2-0	Pulse train input type with open collector support	(-)			-		
Serial communication Type	ACON-SE-2I-N-0-0 Dedicated to serial communication		64 points			-				
Field Network Type		RACON-2	Dedicated to field network	768 points			-	→ P503		
Program Control Type		ASEL-C-1-2I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567		

IAI

RCL-SM4L **382**

Mini

Controllers

Rod Type

Mini

Controller

Table/Arm

Mini

Standard

Gripper/ Rotary Type

Linear Servo Type

Cleanroom Proof

opiasii i rooi

ontrollers

PSEP /ASEP

NET

PCON

ACON

SCON

PSEL

AULL

XSEL

Pulse Motor

Servo Mot (24V)

(200V)

Servo Moto

Slider Type

ontrollers ntegrated

> Roo Type

Mir

ontrollers ntegrated

/Flat Type

Standard

Rotary Type

F100

Controller

PSEP /ASEP

ERC2

PSEL

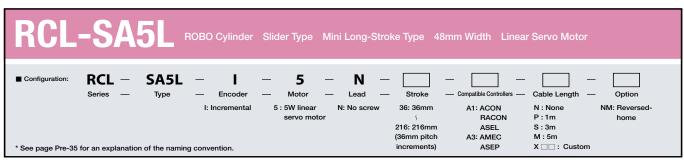
SSEI

Pulse Moto

Servo Motor (24V)

Servo Motor (200V)

> Linear ervo Motor



Technical References

■ Load Capacity (Horizontal) vs. Acceleration

Max.	Load Capacity (kg)
Acceleration (G)	Continuous Operation (100% duty)
0.1	1.6
0.3	1.0
0.5	1.0
1	0.5
1.5	0.35
. %	0.25

Actuator Specifications ■ Lead and Load Capacity ■ Stroke and Maximum Speed 36 ∼ 216 Motor Output (W) Model Stroke (mm) 36~216 RCL-SA5L-I-5-N-1 - 2 - 3 - 4 18 2 ±0.1 (No lead screw) 1400 above ncrements (Unit: mm/s) Legend: Tstroke Compatible controller 3 Cable leng 4 Options

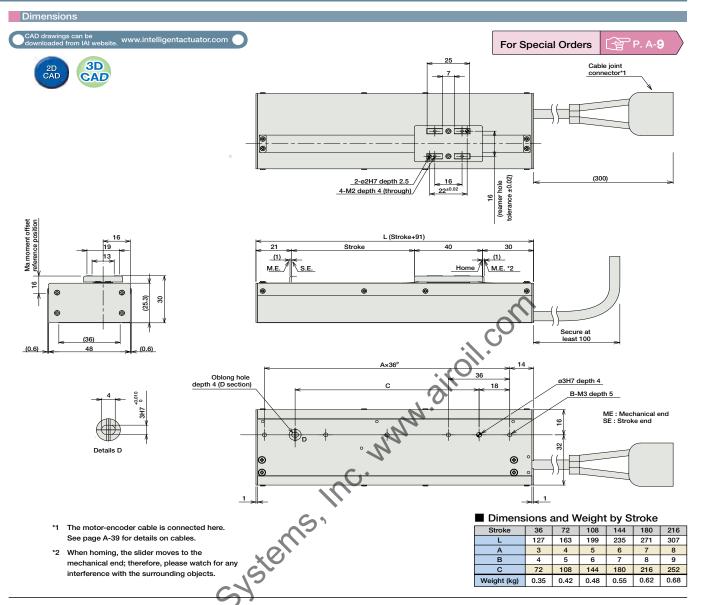
① Stroke Li	st
Stroke (mm)	Standard Price
36	_
72	-
108	-
144	-
180	-
216	-

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

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

4 Options List			
Name	Option Code	See Page	Standard Price
Reversed-home	NM	→ A-33	1

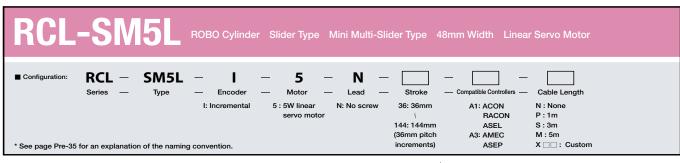
Actuator Specification	ons
Item	Description
Drive System	Linear servo motor
Encoder Resolution	0.042mm
Base	Material: Aluminum (white alumite treated)
Allowable Dynamic Moment (Note)	Ma: 0.49N·m Mb: 0.41N·m Mc: 0.72N·m
Overhang Load Length	Ma direction: 80mm or less Mb, Mc direction: 100mm or less
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)

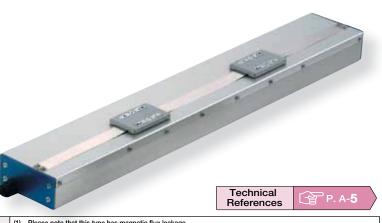


Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page		
		AMEC-C-5I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477		
Solenoid Valve Type	1	ASEP-C-5I-NP-2-0	Operable with same signal as solenoid valve.	3 points			-	. 5407		
Splash-Proof Solenoid Valve Type	1	ASEP-CW-5I-NP-2-0	Supports both single and double solenoid types. No homing necessary with simple absolute type.				-	→ P487		
Positioner Type	I	ACON-C-5I-NP-2-0	Positioning is possible for up to 512 points	512 points			-			
Safety-Compliant Positioner Type		ACON-CG-5I-NP-2-0	Prositioning is possible for up to 512 points				-			
Pulse Train Input Type Differential Line Driver)	- · · · ·	MI	œ.	ACON-PL-5I-NP-2-0		(-)	DC24V	6.4A max.	-	→ P535
Pulse Train Input Type (Open Collector)			ACON-PO-5I-NP-2-0	Pulse train input type with open collector support	(-)			-		
Serial Communication Type		Dedicated to serial communication	64 points			-				
Field Network Type		RACON-5	Dedicated to field network	768 points			-	→ P503		
Program Control Type		ASEL-C-1-5I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567		

RCL-SA5L 384 IAI

PMEC (AMEC)
PSEP (ASEP)
ROBO (NET)
ERC2
PCON
ACON
SCON
PSEL
ASEL
SSEL
XSEL





■ Load Capacity (Horizontal) vs. Acceleration Max. Load Capacity (kg) Acceleration Continuous Operation (100% duty) (G) 0.1 1.6 0.3 0.5 1.0 0.5 0.35 0.25

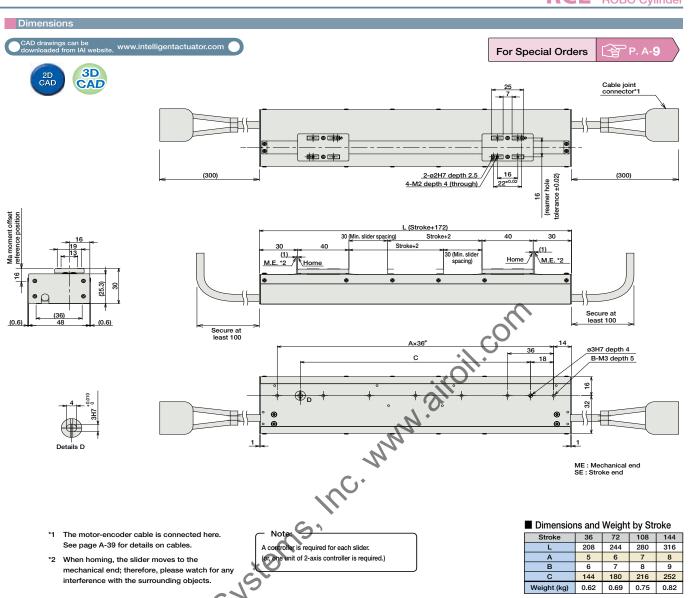
									1.5	0.35
9								*	٧.	0.25
	0			echnica eference		P. A-	5	.,(0),,	
	(1) Please note that this type has ma (If magnetism is a problem, pleas							D.,		
OINX	(2) The load capacity is determined Check the load capacity on the L	oad Capacit		ration graph	on the right.		127			
Notes on Selection	The duty is Operating to Operating time + sta	ime itionary time	×100 per cycle.			_ <	12			
	(3) The mounting orientation is hor when the power is turned OFF.			lly, please us	se caution, a	s the slider	will fall			
	(4) Please note that an absolute unit	cannot be u	sed.			ئ				
					14					
Actuato	or Specifications									
	nd Load Capacity			0.))				■ Stroke and	d Maximum Speed
	Model	Motor Output (W)	Max. Load Capacity Horizontal (kg) Vertical (kg)	Rated Thrust (N)	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)	Stroke Lead	$36 \sim$ 144 (36mm increments)
RCL-SM	15L-I-5-N-①-②-③	5	See table above	5	18	2	±0.1	36~144 (36mm increments)	(No lead screw)	1400
Legend: 1	Stroke	ler ③C	able length		· · · · ·					(Unit: mm/s)

1) Stroke Li	st
Stroke (mm)	Standard Price
36	_
72	-
108	-
144	-

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

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

Actuator Specification	ons
Item	Description
Drive System	Linear servo motor
Encoder Resolution	0.042mm
Base	Material: Aluminum (white alumite treated)
Allowable Dynamic Moment (Note)	Ma: 0.49N·m Mb: 0.41N·m Mc: 0.72N·m
Overhang Load Length	Ma direction: 80mm or less Mb, Mc direction: 100mm or less
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)



Name	External View	Model	Description	Max. Positioning Points	Input Voltage		Standard Price	See Page
Solenoid Valve Type	AMEC-C-5I-NP-2-1		Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477
Soletiold valve type	1	ASEP-C-5I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	→ P487
Splash-Proof Solenoid Valve Type	1	ASEP-CW-5I-NP-2-0	No homing necessary with simple absolute type.				-	→ P487
Positioner Type		ACON-C-5I-NP-2-0	Positioning is possible for up to 512 points	512 points			-	-
Safety-Compliant Positioner Type		ACON-CG-5I-NP-2-0					-	
Pulse Train Input Type Differential Line Driver)		ACON-PL-5I-NP-2-0 Pulse train input type with differential line driver support (-)	DC24V	6.4A max.	-	→ P535		
Pulse Train Input Type (Open Collector)			ACON-PO-5I-NP-2-0	Pulse train input type with open collector support	(-)			-
Serial Communication Type		ACON-SE-5I-N-0-0	Dedicated to serial communication	64 points			-	
Field Network Type		RACON-5	Dedicated to field network	768 points			-	→ P503
Program Control Type		ASEL-C-1-5I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567

PMEC JAMEC
PSEP JASEP
ROBO NET
ERC2
PCON
ACON
SCON
PSEL
ASEL
SSEL

* See page Pre-35 for an explanation of the naming convention.

ROBO Cylinder Slider Type Mini Long-Stroke Type 58mm Width Linear Servo Motor ■ Configuration: RCL -SA6L 10 Туре I: Incremental 10:10W linear 48: 48mm A1: ACON N: None NM: Reversed-

servo motor

increments) X □□: Custom

P:1m

S:3m

M : 5m

home

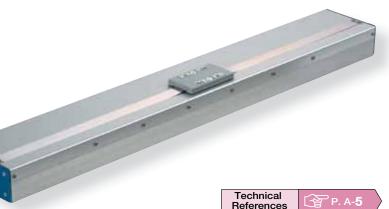
RACON

ASEL

A3: AMEC

288: 288mm

(48mm pitch



■ Load Capacity (Horizontal) vs. Acceleration Max. Load Capacity (kg) Acceleration Continuous Operation (100% duty) (G) 0.1 3.2 0.3 0.5 2 1 0.65 0.5

1									1.5	0.65
			_					*	2	0.5
				Technical Reference		P. A-	5	(0),,	
	(1) Please note that this type has m (If magnetism is a problem, please	•	•					(S)		
Notes on Selection	(2) The load capacity is determined Check the load capacity on the I The duty is Operating to Operating time + sta	by the accelera oad Capacity (I ime × tionary time	tion and the duty. Horizontal) vs. Acc 100 per cycle.		·	~	112			
	(3) The mounting orientation is how when the power is turned OFF.	izontal only. W	hen operated ver	tically, please us	se caution, a	s the slider	will fall			
	(4) Please note that an absolute uni	t cannot be use	d.			<u>ن</u> ٠				
					10					
Actuat	or Specifications									
	and Load Capacity			0) 1				■ Stroke and	d Maximum Speed
	Model	Motor Output (W) Ho	Max. Load Capacity	Rated Thrust (N)	Max. Momentary Thrust (N)	Max. Acceleration (G)	Positioning Repeatability (mm)	Stroke (mm)	Stroke Lead	48 ~ 288 (48mm increments)
RCL-SA6L	RCL-SA6L-I-10-N-①-②-③-④ 10 See table above 10 30 2 ±0.1 48-288 (48mm increments) (No lead screw) 1600									
Legend:	Stroke ② Compatible contro	ller ③ Cab	le length 4	Options						(Unit: mm/s)

① Stroke Li	st
Stroke (mm)	Standard Price
48	\ _
96	-
144	-
192	-
240	-
288	-

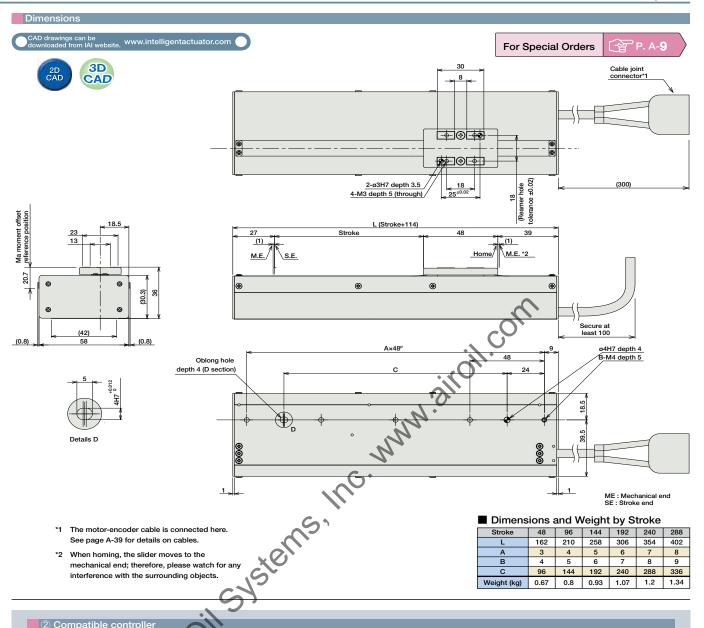
③ Cable List								
Туре	Cable Symbol	Standard Price						
Standard Type	P (1m)	_						
1	S (3m)	-						
(Robot Cables)	M (5m)	-						
	X06 (6m) ~ X10 (10m)	-						
Special Lengths	X11 (11m) ~ X15 (15m)	_						
	X16 (16m) ~ X20 (20m)	-						

^{*} The RCL comes standard with a robot cable.

4 Options List			
Name	Option Code	See Page	Standard Price
Reversed-home	NM	→ A-33	_

Actuator Specifications							
Item Description							
Drive System	Linear servo motor						
Encoder Resolution	0.042mm						
Base	Material: Aluminum (white alumite treated)						
Allowable Dynamic Moment (Note)	Ma: 0.87N·m Mb: 0.75N·m Mc: 1.22N·m						
Overhang Load Length Ma direction: 80mm or less Mb·Mc direction: 120mm or less							
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)						
(Nata) Based on a F 000km	anning life						

^{*} See page A-39 for cables for maintenance.



© Compatible controller									
The RCL 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	(A)	AMEC-C-10I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477	
Sciencia valve Type		ASEP-C-10I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points	3 points		-	→ P487	
Splash-Proof Solenoid Valve Type	1	ASEP-CW-10I-NP-2-0	No homing necessary with simple absolute type.				-	→ F467	
Positioner Type	Í	ACON-C-10I-NP-2-0	Positioning is possible for up to 512 points	540			-		
Safety-Compliant Positioner Type		ACON-CG-10I-NP-2-0	- Positioning is possible for up to 512 points	512 points			-		
Pulse Train Input Type (Differential Line Driver)	O	ACON-PL-10I-NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V	6.4A max.	-	→ P535	
Pulse Train Input Type (Open Collector)		ACON-PO-10I-NP-2-0	Pulse train input type with open collector support	(-)			-		

64 points

768 points

1500 points

* This is for the single-axis ASEL.

RCL-SA6L 388

→ P503

→ P567

PSEP (ASEP)
ROBO NET
ERC2
PCON
ACON
SCON
PSEL
ASEL
XSEL

IAI

Dedicated to serial communication

Dedicated to field network

Programmed operation is possible

Operation is possible on up to 2 axes

Serial

Communication Type

Field Network Type

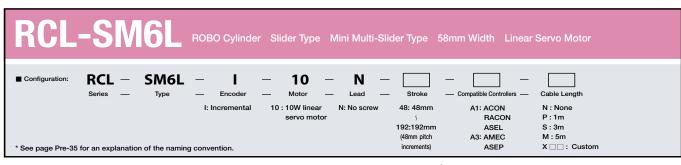
Program Control

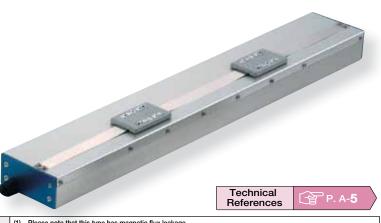
Туре

ACON-SE-10I-N-0-0

ASEL-C-1-10I-NP-2-0

RACON-10





■ Load Capacity (Horizontal) vs. Acceleration Max. Load Capacity (kg) Acceleration Continuous Operation (100% duty) (G) 0.1 3.2 0.3 0.5 2 1 0.65

	1	1.5	0.65
	•	٧, ٠	0.5
Technical References P. A-5	.,(0		
(1) Please note that this type has magnetic flux leakage. (If magnetism is a problem, please use SA1L, SA2L, or SA3L)	0,		
(2) The load capacity is determined by the acceleration and the duty.	\ ·		
Check the load capacity on the Load Capacity (Horizontal) vs. Acceleration graph on the right.			
The duty is Operating time + stationary time Operating time + stationary time The duty is Operating time + stationar			
(3) The mounting orientation is horizontal only. When operated vertically, please use caution, as the slider will fall when the power is turned OFF.			
(4) Please note that an absolute unit cannot be used.			
	•		
Actuator Specifications			
■ Lead and Load Capacity		Stroke and	d Maximum Speed
Max. Load Capacity Max. Max. Max. Positioning	Stroke	Stroke	48 ~ 192
Model (W) Horizontal (kg) Vertical (kg) Vertical (kg) (G) (G) (mn)	(mm)	Lead	(48mm increments)
RCL-SM6L-I-10-N-①-②-③ 10 See table above 10 30 2 ±0.1	48~192 (48mm increments)	(No lead screw)	1600
Legend: ①Stroke ②Compatible controller ③Cable length			(Unit: mm/s)

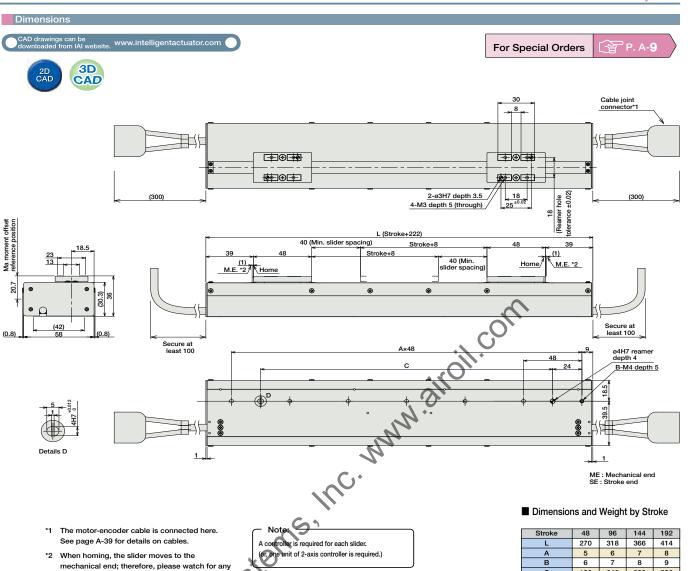
1) Stroke Li	st
Stroke (mm)	Standard Price
48	\ -
96	-
144	-
192	-

3 Cable List							
Туре	Cable Symbol	Standard Price					
Standard Type	P (1m)	_					
(Robot Cables)	S (3m)	_					
(Robot Cables)	M (5m)	_					
	X06 (6m) ~ X10 (10m)	_					
Special Length		-					
	X16 (16m) ~ X20 (20m)	_					

^{*} The RCL comes standard with a robot cable.

Actuator Specifications							
Item Description							
Drive System	Linear servo motor						
Encoder Resolution	0.042mm						
Base	Material: Aluminum (white alumite treated)						
Allowable Dynamic Moment (Note)	Ma: 0.87N·m Mb: 0.75N·m Mc: 1.22N·m						
Overhang Load Length	Ma direction: 80mm or less Mb·Mc direction: 120mm or less						
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)						

^{*} See page A-39 for cables for maintenance.



interference with the surrounding objects.

Stroke	48	96	144	192
L	270	318	366	414
Α	5	6	7	8
В	6	7	8	9
С	192	240	288	336
Weight (kg)	1.17	1.31	1.44	1.58

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page	
Solenoid Valve Type	To the same of the	AMEC-C-10I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477	
solenoid valve lype		ASEP-C-10I-NP-2-0	Operable with same signal as solenoid valve.	3 points			-	→ P487	
Splash-Proof Solenoid Valve Type	1	ASEP-CW-10I-NP-2-0	Supports both single and double solenoid types. No homing necessary with simple absolute type.				-		
Positioner Type	E	ACON-C-10I-NP-2-0	Positioning is possible for up to 512 points	512 points	512 points			-	
Safety-Compliant Positioner Type		ACON-CG-10I-NP-2-0	Positioning is possible for up to 512 points				-		
Pulse Train Input Type Differential Line Driver)	Ó	O	ACON-PL-10I-NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V	6.4A max.	-	→ P535
Pulse Train Input Type (Open Collector)		ACON-PO-10I-NP-2-0	Pulse train input type with open collector support	(-)			-		
Serial Communication Type	Í	ACON-SE-10I-N-0-0	Dedicated to serial communication	64 points			-		
Field Network Type		RACON-10	Dedicated to field network	768 points			-	→ P503	
Program Control Type		ASEL-C-1-10I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567	

IAI

■ Configuration: RCL -RA1L 25 B : Brake (with brake box) BN: Brake (without brake box) 2:2W linear 25: 25mm A1: ACON N : None servo motor RACON P:1m S : 3m ASEL M : 5m A3: AMEC X □□: Custom * See page Pre-35 for an explanation of the naming convention.

Technical [全 P. A-**5** References

The load capacity is determined by the acceleration and the duty.

Check the load capacity on the Load Capacity (Horizontal) vs. Acceleration graph on the right. Operating time The duty is Operating time + stationary time ×100 per cycle.

- (2) If you will be operating the actuator vertically, please use the optional brake. Please use an external guide to avoid horizontal or rotational load on the rod.
- (4) The pushing force will fluctuate significantly at low electrical limits.
- (5) Please note that an absolute unit cannot be used.

■ Load Capacity (Horizontal) vs. Acceleration

Load Capacity (kg)					
(70% or less duty)					
tical					
0.1					
_					
-					

Pushing Force Guideline

The pushing motion is possible within the values below. (N)

Electrical Limit	30%	40%	50%	60%	70%	80%
Pushing Force	0.75	1	1.25	1.5	1.75	2

(Note) The above pushing force is applicable to horizontal usage. For vertical upward motions, subtract 0.5N from the above value, and for downward motions, add 0.5N.

				-					
	Actuator Specifications			C- h					
■ Lead and Load Capacity			~2,			■ Stroke and Maximum Speed			
	Model	Motor Output (W)	Max. Load Capacity Horizontal (kg) Vertical (kg) (N)	d Max. st Momentary Thrust (N)	Acceleration	Positioning Repeatability (mm)	Stroke (mm)	Stroke	25 (mm)
	RCL-RA1L-I-2-N-25-①-②-③	2	See table above See table above 2.5	5 10	Horizontal 2G Vertical 1G	±0.1	25 (Fixed)	(No lead screw)	300
	Legend ①Compatible controller ②Cable length ③Options (Unit: mm/s)								

Stroke List	
Stroke (mm)	Standard Price
25	\ _

2 Oable List					
_		Standard Price			
Туре	Cable Symbol	No Brake	With Break		
Standard Type	P (1m)	-	-		
	S (3m)	-	-		
(Robot Cables)	M (5m)	ı	ı		
	X06 (6m) ~ X10 (10m)	-	-		
Special Lengths	X11 (11m) ~ X15 (15m)	-	-		
	X16 (16m) ~ X20 (20m)	-	-		

* The RCL comes standard with a robot cable.

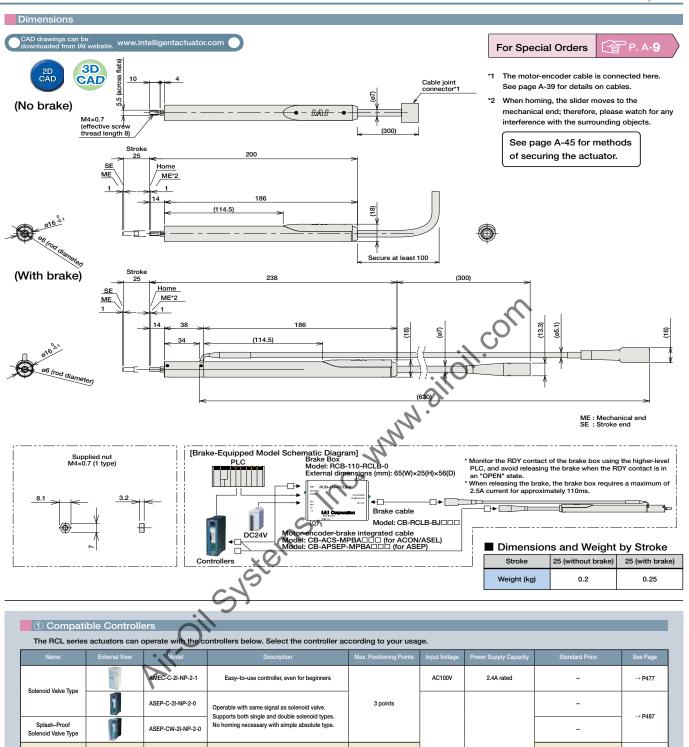
② Cable List

- * See page A-39 for cables for the brake-less model.
- * See page 392 for cables for the brake-equipped model.

③ Option Price List			
Name	Option Code	See Page	Standard Price
Brake (with brake box)	В	→ P392	-
Brake (without brake box)	BN	→ P392	-

^{*} To use the brake, a brake box and a dedicated cable for the brake-equipped model are required. If you just need the brake-equipped actuator itself for maintenance, please specify option "BN" (no brake box).

Actuator Specifications					
Item Description					
Drive System	Linear servo motor				
Encoder Resolution	0.042mm				
Base	Material: Carbon steel tube (nickel-plated)				
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)				
Service Life	10 million round trip cycles				



ish P

PMEC /AMEC

ROBO NET

ERC2

SCON

PSEL

ASEL

XSEL

Pulse Motor

Servo Mot (24V)

Servo Mot (200V)

Servo Mot

512 points

64 points

768 points

1500 points

DC24V

4.6A max.

* This is for the single-axis ASEL.

Positioning is possible for up to 512 points

Pulse train input type with

differential line driver support

Pulse train input type with open collector support

Dedicated to serial communication

Dedicated to field network

Programmed operation is possible

Operation is possible on up to 2 axes

Positioner Type

Safety-Compliant

Positioner Type

Pulse Train Input Type

(Differential Line Driver)

Pulse Train Input Type

Serial

Communication Type

Field Network Type

Program Control

ACON-C-2I-NP-2-0

ACON-CG-2I-NP-2-0

ACON-PL-2I-NP-2-0

ACON-PO-2I-NP-2-0

ACON-SE-2I-N-0-0

ASEL-C-1-2I-NP-2-0

RACON-2

→ P535

→ P503

→ P567

■ Configuration: RCL -RA2L 30 B : Brake (with brake box) BN: Brake (without brake box) 5:5W linear 30: 30mm A1: ACON N: None servo motor RACON P:1m S:3m ASEL M : 5m A3: AMEC X □□: Custom * See page Pre-35 for an explanation of the naming convention.

Max.	Load Capacity (kg)					
Acceleration	Continuous (100%	•	(70% or less duty)			
(G)	Horizontal	Vertical	Horizontal	Vertical		
0.1	1					
0.3		0.2	1	0.2		
0.5	0.85	0.2		0.2		
1	0.4		0.5			
15	0.24	-	0.3	-		
₹ <i>O</i> //	0.15	-	0.2	-		

■ Load Capacity (Horizontal) vs. Acceleration

Technical References

The load capacity is determined by the acceleration and the duty.

Check the load capacity on the Load Capacity (Horizontal) vs. Acceleration graph on the right.

The duty is $\frac{\text{Operating time}}{\text{Operating time} + \text{stationary time}}$ ×100 per cycle.

- (2) If you will be operating the actuator vertically, please use the optional brake.
- (3) Please use an external guide to avoid horizontal or rotational load on the rod.
- (4) The pushing force will fluctuate significantly at low electrical limits.
- (5) Please note that an absolute unit cannot be used.

Pushing Force Guideline

The pushing motion is possible within the values below. (N)

Limit	30%	40%	50%	60%	70%	80%
Pushing Force	1.5	2	2.5	3	3.5	4

(Note) The above pushing force is applicable to horizontal usage. For vertical upward motions, subtract 1N from the above value, and for downward motions, add 1N.



[全 P. A-**5**

Stroke List

Stroke (mm)

Standard Price

-

Type	Cable Symbol	Standard Price		
Type	Cable Symbol	No Brake	With Break	
Standard Type (Robot Cables)	P (1m)	-	-	
	S (3m)	-	_	
	M (5m)	-	-	
	X06 (6m) ~ X10 (10m)	-	_	
Special Lengths	X11 (11m) ~ X15 (15m)	_	_	
	X16 (16m) ~ X20 (20m)	_	_	

- * The RCL comes standard with a robot cable.
- * See page A-39 for cables for the brake-less model.
- * See page 394 for cables for the brake-equipped model.

3 Option Price List			
Name	Option Code	See Page	Standard Price
Brake (with brake box)	В	→ P394	-
Brake (without brake box)	BN	→ P394	-

Brake (without brake box) BN \rightarrow P394 -* To use the brake, a brake box and a dedicated cable for the brake-equipped model are required. If you just need the brake-equipped actuator itself for maintenance, please specify option "BN" (no

Actuator Specifications				
Description				
Linear servo motor				
0.042mm				
Material: Carbon steel tube (nickel-plated)				
0~40°C, 85% RH or less (non-condensing)				
10 million round trip cycles				

393 RCL-RAZ

Slider Type

Standard

Ro Typ

Min

Controllers Integrated

/Flat Type

Standard

Gripper Rotary Type

near Servo Type

Cleanroom Proof

Spiash Proof

Controllers

PSEP /ASEP

ERC2

PCON

SCON

SSE

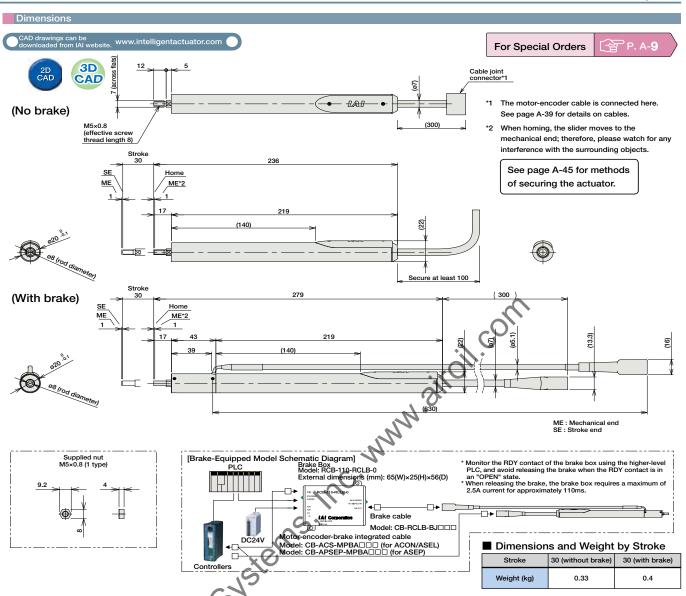
Dulao Moto

Servo Motor (24V)

Servo Motor

Linear

Linear ervo Motor



Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page		
Solenoid Valve Type		AMEC-C-5I-NP-2-1	Easy-to-use controller, even for beginners		AC100V	2.4A rated	-	→ P477		
Solenoid valve Type	1	ASEP-C-5I-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	→ P487		
Splash-Proof Solenoid Valve Type	1	ASEP-CW-5I-NP-2-0	No homing necessary with simple absolute type.				-	→ P401		
Positioner Type	I	ACON-C-5I-NP-2-0	Positioning is possible for up to 512 points	512 points	512 points			-		
Safety-Compliant Positioner Type		ACON-CG-5I-NP-2-0	rositioning is possible for up to 312 points				-			
Pulse Train Input Type Differential Line Driver)	Ó	ACON-PL-5I-NP-2-0	Pulse train input type with differential line driver support	- (-)	(-)	DC24V	DC24V	6.4A max.	-	→ P535
Pulse Train Input Type (Open Collector)	c	ACON-PO-5I-NP-2-0	Pulse train input type with open collector support					-		
Serial Communication Type		ACON-SE-5I-N-0-0	Dedicated to serial communication	64 points			-			
Field Network Type		RACON-5	Dedicated to field network	768 points			-	→ P503		
Program Control Type		ASEL-C-1-5I-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P567		

① Compatible Controller

se N

Controllers

PMEC AMEC

PSEP ASEP

ROBO NET

ERC2

PCON

ACON

SCON

PSEL

ASEL

XSEL

Servo Mot (24V)

Servo Mot (200V)

Servo Moto

■ Configuration: RCL -RA3L 10 40 B : Brake (with brake box) BN: Brake (without brake box) 10:10W linear 40: 40mm A1: ACON N: None servo motor RACON P:1m S:3m ASEL M : 5m A3: AMEC X □□: Custom * See page Pre-35 for an explanation of the naming convention. ■ Load Capacity (Horizontal) vs. Acceleration Load Capacity (kg) Continuous Operation (70% or less duty) Acceleration (100% duty) (G) Horizontal

Technical [全 P. A-**5** References

Vertical Horizontal Vertical 0.1 0.3 2 0.4 0.4 0.5 1 0.46 0.6

The load capacity is determined by the acceleration and the duty. Check the load capacity on the Load Capacity (Horizontal) vs. Acceleration graph on the right. Operating time The duty is Operating time + stationary time ×100 per cycle.

(2) If you will be operating the actuator vertically, please use the optional brake.

Please use an external guide to avoid horizontal or rotational load on the rod. (4) The pushing force will fluctuate significantly at low electrical limits.

(5) Please note that an absolute unit cannot be used.

Pushing Force Guideline

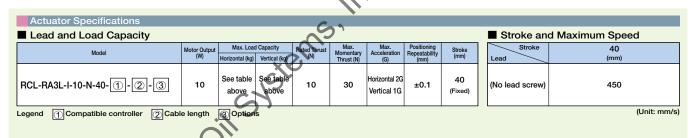
0.3

The pushing motion is possible within the values below. (N)

0.4

Electrical Limit	30%	40%	50%	60%	70%	80%
Pushing Force	3	4	5	6	7	8

(Note) The above pushing force is applicable to horizontal usage. For vertical upward motions, subtract 1.8N from the above value, and for downward motions, add 1.8N.



Stroke List Standard Price Stroke (mm) 40

Type	Cable Symbol	Standard Price		
Type	Cable Symbol	No Brake	With Break	
Standard Type (Robot Cables)	P (1m)	-	-	
	S (3m)	-	-	
	M (5m)	-	-	
Special Lengths	X06 (6m) ~ X10 (10m)	-	-	
	X11 (11m) ~ X15 (15m)	-	-	
	X16 (16m) ~ X20 (20m)	_	_	

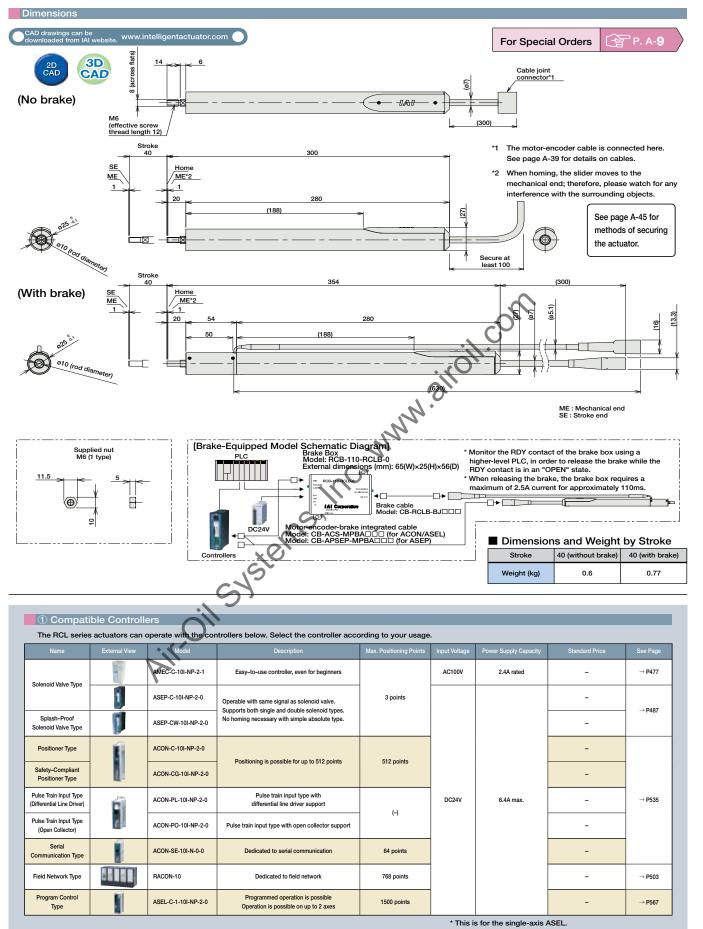
- * The RCL comes standard with a robot cable.
- * See page A-39 for cables for the brake-less model.
- * See page 396 for cables for the brake-equipped model.

③ Option Price List			
Name	Option Code	See Page	Standard Price
Brake (with brake box)	В	→ P396	-
Brake (without brake box)	BN	→ P396	-

^{*} To use the brake, a brake box and a dedicated cable for the brake-equipped model are required. If you just need the brake-equipped actuator itself for maintenance, please specify option "BN" (no brake box).

Actuator Specifications				
Description				
Linear servo motor				
0.042mm				
Material: Carbon steel tube (nickel-plated)				
0~40°C, 85% RH or less (non-condensing)				
10 million round trip cycles				

395 RCL-RA3L



Туре

Mini

Standard

Integrate

турс

Standard

Table/Arm

Mini

Standard

in a su Cama

Cleanroom

Proof

Splash Proo

PMEC

PSEP /ASEP

NEI

POON

ACON

SCON

PSFI

ASEL

Pulse Motor

Servo Mot (24V)

Servo Mot (200V)

Servo Moto