

Small Standard Slider & Rod Type

RCP4-SA3/RA3

Small Cleanroom Slider Type

RCP4CR-SA3

**ROBO
CYLINDER**



RCP4
series

Cleanroom Type
Series Added



























Small SA3/RA3 Standard Types and SA3 Cleanroom Type with 32mm body width added to RCP4 Series

RCP4 Series											
Series	Specification	Feature	Type	External view	Actuator width	Stroke (mm)	Ballscrew lead (mm)	Maximum speed (mm/s)	Maximum payload (kg)		
									Horizontal	Vertical	
RCP4	Motor Straight	Slider Type	NEW SA3C			25~300	6	420	3	1.5	
						32mm	4	280	5	2.5	
								2	140	8	3.5
								20	1440	6.5	1
								12	900	9	2.5
								6	450	18	6
							3	225	20	12	
							20	1440	10	1	
							12	900	15	2.5	
							6	450	25	6	
							3	225	25	12	
							24	1200	20	3	
						16	980	40	8		
						8	490	45	16		
						4	245	45	25		
				NEW RA3C			25~300	16	1120	6	1.5
							10	700	12	2.5	
							5	350	24	5	
							2.5	175	36	10	
							20	800	6	1.5	
							12	700	25	4	
							6	450	40	10	
							3	225	60	20	
							24	800	20	3	
						16	700	50	8		
						8	420	60	18		
						4	210	80	28		
	Side-mounted Motor	Slider Type					20	1440	6.5	1	
								12	900	9	2.5
								6	450	18	6
								3	225	20	12
								20	1280	10	1
								12	900	15	2.5
							6	450	25	6	
							3	225	25	12	
							24	1000	20	3	
							16	840	40	8	
							8	490	45	16	
							4	210	45	25	
						20	800	6	1.5		
						12	700	25	4		
						6	450	40	10		
						3	225	60	20		
						24	800	20	3		
						16	560	50	8		
						8	420	60	18		
						4	175	80	28		
RCP4CR	Cleanroom	Slider Type	NEW SA3C			25~300	6	420	3	1.5	
						32mm	4	280	5	2.5	
								2	140	8	3.5
								20	1440	6.5	1
								12	900	9	2.5
								6	450	18	6
							3	225	20	12	
							20	1440	10	1	
							12	900	15	2.5	
							6	450	25	6	
							3	225	25	12	
							24	1200	20	3	
					16	980	40	8			
					8	490	45	16			
					4	245	45	25			

●The horizontal payload of the Rod Type described above is that when an external guide is used. ●Refer to the individual catalog for the RCP4 Series.

RCP5 Series

With Battery-less Absolute Encoder Installed as a Standard

Series	Specification	Feature	Type	External view	Actuator width	Stroke (mm)	Ballscrew lead (mm)	Maximum speed (mm/s)	Maximum payload (kg)	
									Horizontal	Vertical
RCP5	Motor Straight	Slider Type	SA4C			50~500	16	1260	4	1
							10	785	10	2.25
							5	390	12	4.5
							2.5	195	12	9
			SA6C			50~800	20	1440<1280>	10	1
							12	900	15	2.5
							6	450	25	6
							3	225	25	16
							24	1200	20	3
		SA7C			50~800	16	980<840>	40	8	
						8	490	45	16	
						4	245<210>	45	25	
						16	1120<840>	6	1.5	
		Rod Type (Radial Cylinder)	RA4C			60~410	10	700	15	2.5
							5	350	28	5
							2.5	175	40	10
			RA6C			65~415	20	800	6	1.5
							12	700	25	4
	6						450	40	10	
	RA7C				70~520	3	225	60	20	
24						800<600>	20	3		
16						700<560>	50	8		
8						420	60	18		
RA8C				50~700	4	210	80	28		
		20			600<450>	30	5			
		10			300<250>	60	40			
		5			150	100	70			
RA10C			50~800	10	250<167>	80	80			
				5	125	150	100			
				2.5	63	300	150			
				20	400	30	5			
Side-mounted Motor	Rod Type (Radial Cylinder)	RA8R			50~700	10	200	60	40	
						5	100	100	70	
	RA10R			50~800	10	200<140>	80	80		
					5	100	150	100		
					2.5	50	300	150		
RCP5CR	Cleanroom	Slider Type	NEW SA4C			50~500	16	1260	4	1
							10	785	10	2.25
							5	390	12	4.5
							2.5	195	12	9
			NEW SA6C			50~800	20	1440<1280>	10	1
							12	900	15	2.5
							6	450	25	6
							3	225	25	16
							24	1200	20	3
			NEW SA7C			50~800	16	980<840>	40	8
							8	490	45	16
							4	245<210>	45	25

●Refer to the individual catalog for the RCP5 Series. ●Refer to the RCP5 catalog supplement for the RCP5CR Cleanroom Series.

RCP4-SA3C

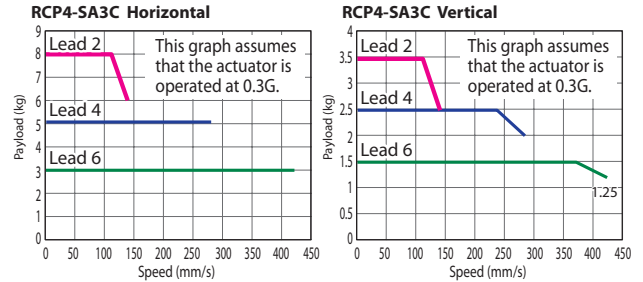
RoboCylinder, Slider Type, Motor Unit Coupled, Actuator Width 32mm, 24-V Pulse Motor

Model Specification Items	RCP4	SA3C	I	28P	<input type="checkbox"/>	<input type="checkbox"/>	P3	<input type="checkbox"/>	<input type="checkbox"/>
	Series	Type	Encoder type	Motor type	Lead	Stroke	Applicable controller	Cable length	Options
			I : Incremental specification	28P : Pulse motor, size 28 <input type="checkbox"/>	6 : 6mm 4 : 4mm 2 : 2mm	25 : 25mm 300 : 300mm (every 25 mm)	P3 : PCON-CA MSEP-C/LC MSEL	N : None P : 1m S : 3m M : 5m X <input type="checkbox"/> : Specified length R <input type="checkbox"/> : Robot cable	Refer to the option list below.

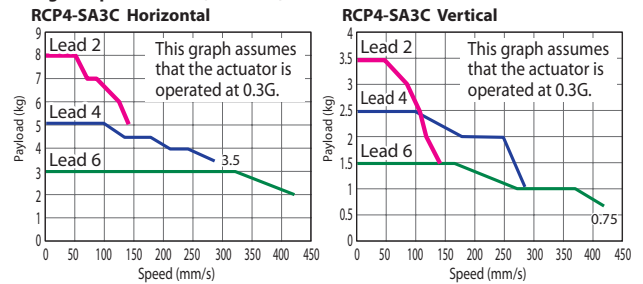


Correlation Diagrams of Speed and Payload

① High output enabled (PowerCon) - PCON-CA-MSEP-C/LC-MSEL connected



② High output disabled (standard) - PCON-CA-MSEP-C/LC connected



- POINT**
Note on selection
- Even though the payload described in the actuator specifications is the maximum value, it may vary depending on the acceleration. Refer to "Tables for Payload by Acceleration and Speed" on pg. 4 for details.
 - Refer to "Relative Graph for Pressing Force and Current Limit" on pg. 10 for the pressing operation.

Actuator Specifications

Leads and Payloads

Model number	Lead (mm)	Maximum payload		Stroke (mm)
		Horizontal (kg)	Vertical (kg)	
RCP4-SA3C-I-28P-6-①-P3-②-③	6	3	1.5	25 ~ 300 (every 25mm)
RCP4-SA3C-I-28P-4-①-P3-②-③	4	5	2.5	
RCP4-SA3C-I-28P-2-①-P3-②-③	2	8	3.5	

Legend ① Stroke ② Cable length ③ Options

Stroke and Max. Speed (unit: mm/s)

Lead (mm)	High-Output Setting	25 ~ 300 (every 25mm)
6	Enabled	420
	Disabled	
4	Enabled	280
	Disabled	
2	Enabled	140
	Disabled	

Cable Length

Type	Cable symbol
Standard type	P (1m)
	S (3m)
	M (5m)
Special length	X06 (6m) ~ X10 (10m)
	X11 (11m) ~ X15 (15m)
	X16 (16m) ~ X20 (20m)
	R01 (1m) ~ R03 (3m)
Robot cable	R04 (4m) ~ R05 (5m)
	R06 (6m) ~ R10 (10m)
	R11 (11m) ~ R15 (15m)
	R16 (16m) ~ R20 (20m)

Options

Name	Option code	Reference page
Brake	B	Refer to RoboCylinder General Catalog
Home-position check sensor (on right)	HSR	
Home-position check sensor (on left)	HSL	
Non-motor end specification	NM	
Slider roller specification	SR	

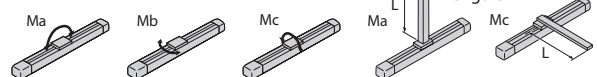
* In the home-position check sensor "HS", there are variations of "HSR" (attached on the right) and "HSL" (attached on the left) depending on the orientation of the sensor that is attached. Refer to the RoboCylinder General Catalog for the contents of "HS" and the following page for the orientation of the attachment.

Actuator Specifications

Item	Description
Drive system	Ball screw \varnothing 6mm rolled C10
Positioning repeatability	\pm 0.02mm
Lost motion	0.1mm or less
Base	Material: Aluminum with white alumite treatment
Guide	Linear guide
Dynamic allowable moment (*1)	Ma: 2.4 N·m, Mb: 3.5 N·m, Mc: 3.8 N·m
Allowable overhang	Ma direction: 100mm or less Mb-Mc direction: 100mm or less
Ambient operating temperature, humidity	0 to 40°C, 85% RH or less (Non-condensing)

(*1) Based on 5000km of traveling life.

Allowable load moment directions

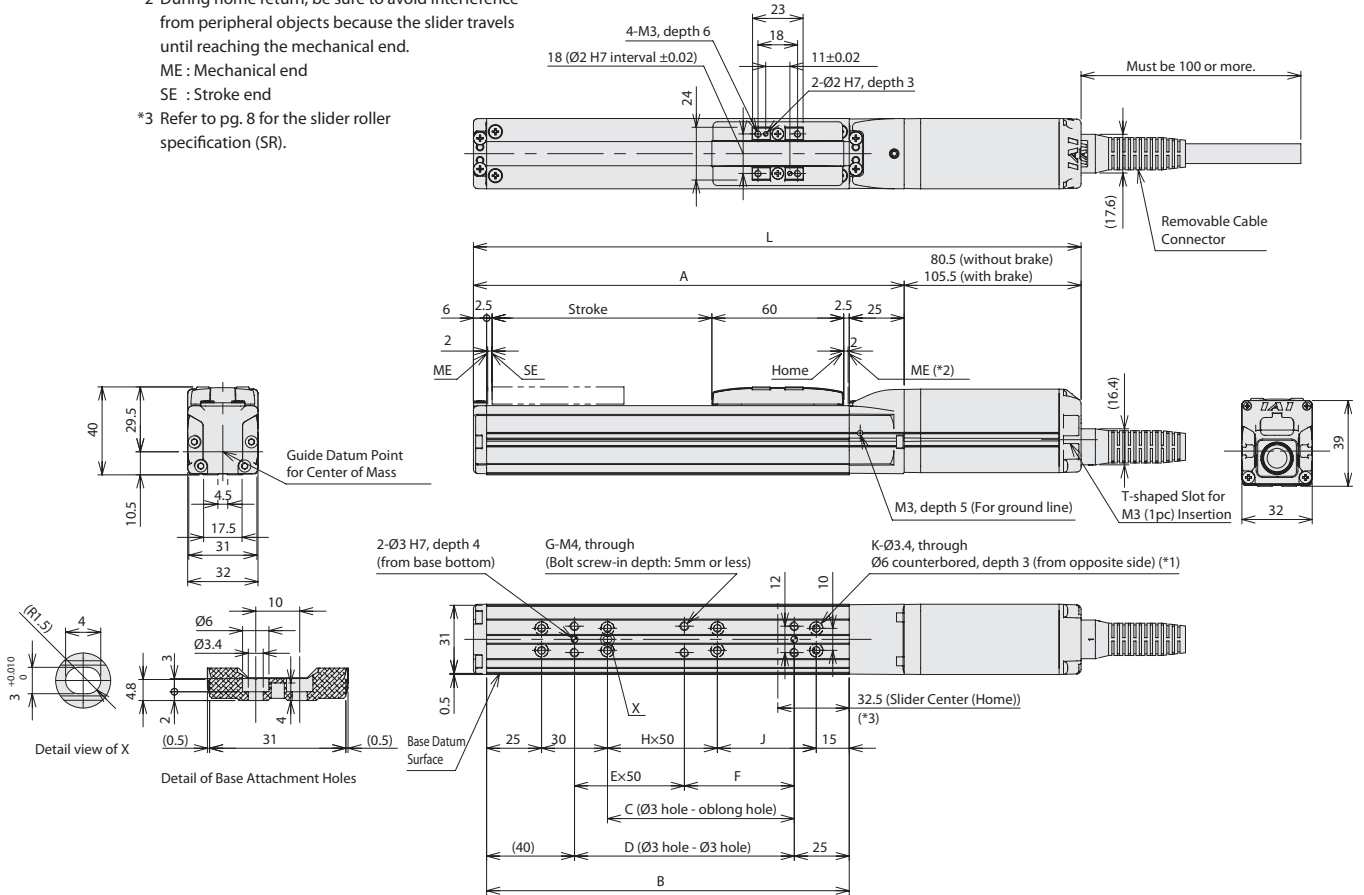


Dimensions

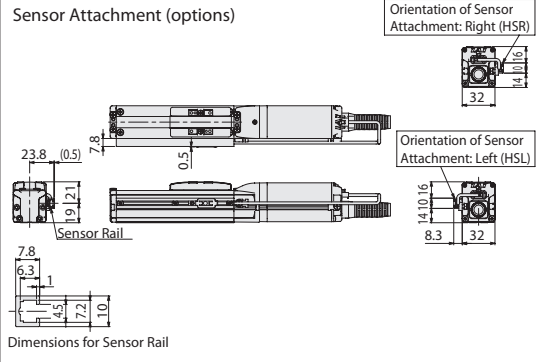
CAD drawings can be downloaded from the website. www.robocylinder.de



- *1 On the 25mm stroke type, there are six counterbored mounting holes on the bottom of the base. The two counterbored mounting holes in the middle are not available to use.
- *2 During home return, be sure to avoid interference from peripheral objects because the slider travels until reaching the mechanical end.
ME : Mechanical end
SE : Stroke end
- *3 Refer to pg. 8 for the slider roller specification (SR).



Sensor Attachment (options)



Dimensions and Mass by Stroke

Stroke	25	50	75	100	125	150	175	200	225	250	275	300	
L	without brake	201.5	226.5	251.5	276.5	301.5	326.5	351.5	376.5	401.5	426.5	451.5	476.5
	with brake	226.5	251.5	276.5	301.5	326.5	351.5	376.5	401.5	426.5	451.5	476.5	501.5
A	121	146	171	196	221	246	271	296	321	346	371	396	
B	90	115	140	165	190	215	240	265	290	315	340	365	
C	10	35	60	85	110	135	160	185	210	235	260	285	
D	25	50	75	100	125	150	175	200	225	250	275	300	
E	0	0	0	1	1	2	2	3	3	4	4	5	
F	25	50	75	50	75	50	75	50	75	50	75	50	
G	4	4	4	6	6	8	8	10	10	12	12	14	
H	0	0	0	1	1	2	2	3	3	4	4	5	
J	(20)	45	70	45	70	45	70	45	70	45	70	45	
K	(6)	6	6	8	8	10	10	12	12	14	14	16	
Mass (kg)	without brake	0.51	0.55	0.58	0.61	0.65	0.68	0.71	0.75	0.78	0.81	0.85	0.88
	with brake	0.6	0.64	0.67	0.7	0.74	0.77	0.8	0.84	0.87	0.9	0.94	0.97

Tables for Payload by Acceleration and Speed

High output enabled (PowerCon spec.) Lead 6

Orientation	Horizontal						Vertical		
	0.1	0.3	0.5	0.7	1	0.1	0.3	0.5	
Speed (mm/s)	0	3	3	3	3	3	1.5	1.5	1.5
50	3	3	3	3	3	1.5	1.5	1.5	
105	3	3	3	3	3	1.5	1.5	1.5	
155	3	3	3	3	3	1.5	1.5	1.5	
210	3	3	3	3	3	1.5	1.5	1.5	
260	3	3	3	3	3	1.5	1.5	1.5	
315	3	3	3	3	3	1.5	1.5	1.5	
365	3	3	3	3	3	1.5	1.5	1.25	
420	3	3	3	3	3	1.5	1.25	1	

High output enabled (PowerCon spec.) Lead 4

Orientation	Horizontal						Vertical		
	0.1	0.3	0.5	0.7	1	0.1	0.3	0.5	
Speed (mm/s)	0	5	5	5	5	4.5	2.5	2.5	
35	5	5	5	5	5	4.5	2.5	2.5	
70	5	5	5	5	5	4.5	2.5	2.5	
105	5	5	5	5	5	4.5	2.5	2.5	
140	5	5	5	5	5	4.5	2.5	2.5	
175	5	5	5	5	5	4.5	2.5	2.5	
210	5	5	5	5	5	4.5	2.5	2.5	
245	5	5	5	5	5	4.5	2.5	2	
280	5	5	5	5	5	4.5	2	1.75	

High output enabled (PowerCon spec.) Lead 2

Orientation	Horizontal						Vertical		
	0.1	0.3	0.5	0.7	1	0.1	0.3	0.5	
Speed (mm/s)	0	8	8	7	6	5	3.5	3.5	
15	8	8	7	6	5	3.5	3.5	3.5	
35	8	8	7	6	5	3.5	3.5	3.5	
50	8	8	7	6	5	3.5	3.5	3.5	
70	8	8	7	6	5	3.5	3.5	3.5	
85	8	8	7	6	5	3.5	3.5	3.5	
105	8	8	7	6	5	3.5	3.5	3.5	
120	7	7	6	6	5	3	3	2.5	
140	6	6	6	5	5	2.5	2.5	2	

High output disabled (standard spec.) Lead 6

Orientation	Horizontal						Vertical		
	0.1	0.3	0.5	0.7	1	0.1	0.3	0.5	
Speed (mm/s)	0	3	3	3	3	3	1.5	1.5	
50	3	3	3	3	3	1.5	1.5	1.5	
105	3	3	3	3	3	1.5	1.5	1.5	
155	3	3	3	3	3	1.5	1.5	1.5	
210	3	3	3	3	3	1.25	1.25	1.25	
260	3	3	3	3	3	1	1	1	
315	3	3	3	3	3	1	1	1	
365	2.5	2.5	2.5	2.5	2.5	1	1	0.75	
420	2	2	2	2	2	1	0.75	0.5	

High output disabled (standard spec.) Lead 4

Orientation	Horizontal						Vertical		
	0.1	0.3	0.5	0.7	1	0.1	0.3	0.5	
Speed (mm/s)	0	5	5	5	5	4.5	2.5	2.5	
35	5	5	5	5	5	4.5	2.5	2.5	
70	5	5	5	5	5	4.5	2.5	2.5	
105	5	5	5	5	5	4.5	2.5	2.5	
140	4.5	4.5	4.5	4.5	4	2.25	2.25	2.25	
175	4.5	4.5	4.5	4.5	4	2	2	2	
210	4	4	4	4	3.5	2	2	2	
245	4	4	4	3.5	3	2	2	1.5	
280	3.5	3.5	3.5	3	2.5	1	1	0.75	

High output disabled (standard spec.) Lead 2

Orientation	Horizontal						Vertical		
	0.1	0.3	0.5	0.7	1	0.1	0.3	0.5	
Speed (mm/s)	0	8	8	7	6	5	3.5	3.5	
15	8	8	7	6	5	3.5	3.5	3.5	
35	8	8	7	6	5	3.5	3.5	3.5	
50	8	8	7	6	5	3.5	3.5	3.5	
70	7.5	7	6	5	4.5	3.25	3.25	3.25	
85	7.5	7	6	5	4.5	3	3	3	
105	7	6.5	6	5	4.5	2.5	2.5	2	
120	6.5	6	5	4.5	4	2	2	1.5	
140	5.5	5	4.5	4	3.5	1.5	1.5	1	

(Note) MSEP-C/LC is available for high output only if "High-Output Specification" (PowerCon) is selected in the options.

RCP4-RA3C

RoboCylinder, Rod Type, Motor Unit Coupled, Actuator Width 32mm, 24-V Pulse Motor

Model Specification Items	RCP4	RA3C	I	28P	<input type="checkbox"/>	<input type="checkbox"/>	P3	<input type="checkbox"/>	<input type="checkbox"/>
	Series	Type	Encoder type	Motor type	Lead	Stroke	Applicable controller	Cable length	Options
			I: Incremental specification	28P: Pulse motor, size 28 <input type="checkbox"/>	16: 16mm 10: 10mm 5: 5mm 2.5: 2.5mm	25: 25mm 300: 300mm (every 25 mm)	P3: PCON-CA MSEP-C/LC MSEL	N: None P: 1m S: 3m M: 5m X <input type="checkbox"/> : Specified length R <input type="checkbox"/> : Robot cable	Refer to the option list below.



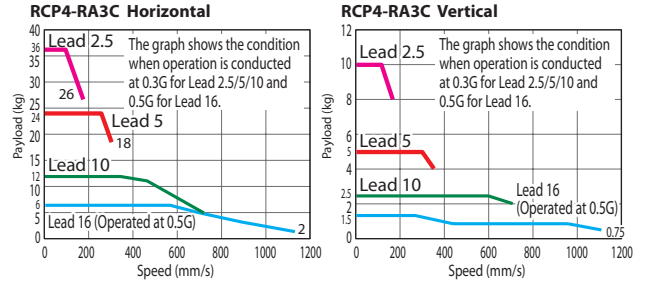
Radial Load OK



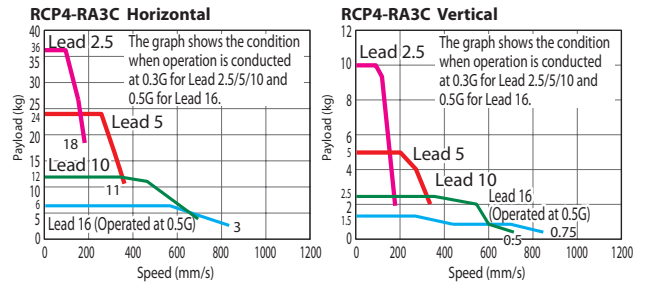
- Even though the payload described in the actuator specifications is the maximum value, it may vary depending on the acceleration. Refer to "Tables for Payload by Acceleration and Speed" on pg. 6 for details.
- Refer to "Relative Graph for Pressing Force and Current Limit" on pg. 10 for the pressing operation.

Correlation Diagrams of Speed and Payload

① High output enabled (PowerCon) - PCON-CA-MSEP-C/LC-MSEL connected



② High output disabled (standard) - PCON-CA-MSEP-C/LC connected



Actuator Specifications

Leads and Payloads

Model number	Lead (mm)	Maximum payload		Maximum push force (N)	Stroke (mm)
		Horizontal (kg)	Vertical (kg)		
RCP4-RA3C-I-28P-16-①-P3-②-③	16	6	1.5	36	25 ~ 300 (every 25mm)
RCP4-RA3C-I-28P-10-①-P3-②-③	10	12	2.5	57	
RCP4-RA3C-I-28P-5-①-P3-②-③	5	24	5	114	
RCP4-RA3C-I-28P-2.5-①-P3-②-③	2.5	36	10	229	

Legend ① Stroke ② Cable length ③ Options

Stroke and Max. Speed (unit: mm/s)

Lead (mm)	High-Output Setting	25 ~ 300 (every 25mm)
16	Enabled	1120
	Disabled	840
10	Enabled	700
	Disabled	350
5	Enabled	350
	Disabled	175

Cable Length

Type	Cable symbol
Standard type	P (1m)
	S (3m)
	M (5m)
Special length	X06 (6m) ~ X10 (10m)
	X11 (11m) ~ X15 (15m)
	X16 (16m) ~ X20 (20m)
	R01 (1m) ~ R03 (3m)
Robot cable	R04 (4m) ~ R05 (5m)
	R06 (6m) ~ R10 (10m)
	R11 (11m) ~ R15 (15m)
	R16 (16m) ~ R20 (20m)

Options

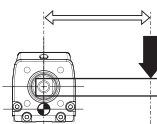
Name	Option code	Reference page
Brake	B	Refer to
Home-position check sensor (top)	HS	RoboCylinder
Non-motor end specification	NM	General Catalog

Actuator Specifications

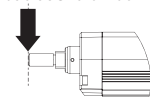
Item	Description
Drive system	Ball screw Ø8mm rolled C10
Positioning repeatability	±0.02mm
Lost motion	0.1mm or less
Rod	Ø16mm Aluminum
Rod non-rotation precision(*1)	±0 deg
Allowable rod load mass	Refer to reference at the back
Rod tip overhang distance	100mm or less
Ambient operating temperature, humidity	0 to 40°C, 85% RH or less (Non-condensing)

(*1) Accuracy of rod displacement in rotating direction when no load is received.

Offset distance at end of rod (100mm or less)



Load at end of rod



RCP4CR-SA3C

Cleanroom RoboCylinder, Slider Type, Motor Unit Coupled, Actuator Width 32mm, 24-V Pulse Motor

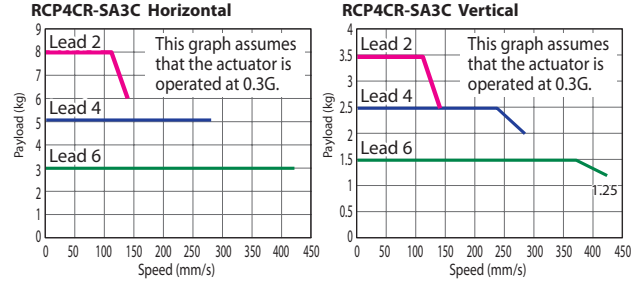
Model Specification Items	RCP4CR	SA3C	I	28P	<input type="checkbox"/>	<input type="checkbox"/>	P3	<input type="checkbox"/>	<input type="checkbox"/>
	Series	Type	Encoder type	Motor type	Lead	Stroke	Applicable controller	Cable length	Options
			I : Incremental specification	28P : Pulse motor, size 28 <input type="checkbox"/>	6 : 6mm 4 : 4mm 2 : 2mm	25 : 25mm ? 300 : 300mm (every 25 mm)	P3 : PCON-CA MSEP-C/LC MSEL	N : None P : 1m S : 3m M : 5m X <input type="checkbox"/> : Specified length R <input type="checkbox"/> : Robot cable	Refer to the option list below.



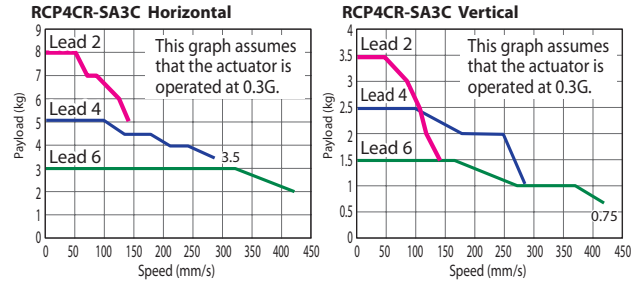
- POINT**
Note on selection
- Even though the payload described in the actuator specifications is the maximum value, it may vary depending on the acceleration. Refer to "Tables for Payload by Acceleration and Speed" on pg. 8 for details.
 - Refer to "Relative Graph for Pressing Force and Current Limit" on pg. 10 for the pressing operation.

Correlation Diagrams of Speed and Payload

① High output enabled (PowerCon) - PCON-CA-MSEP-C/LC-MSEL connected



② High output disabled (standard) - PCON-CA-MSEP-C/LC connected



Actuator Specifications

Leads and Payloads

Model number	Lead (mm)	Maximum payload		Stroke (mm)
		Horizontal (kg)	Vertical (kg)	
RCP4CR-SA3C-I-28P-6-①-P3-②-③	6	3	1.5	25 ~ 300 (every 25mm)
RCP4CR-SA3C-I-28P-4-①-P3-②-③	4	5	2.5	
RCP4CR-SA3C-I-28P-2-①-P3-②-③	2	8	3.5	

Legend ① Stroke ② Cable length ③ Options

Stroke, Max. Speed and Suction amount (unit: mm/s)

Lead (mm)	High-Output Setting	25 ~ 300 (every 25mm)	Suction Amount (N/mm)
6	Enabled	420	10
	Disabled		
4	Enabled	280	15
	Disabled		
2	Enabled	140	20
	Disabled		

Cable Length

Type	Cable symbol
Standard type	P (1m)
	S (3m)
	M (5m)
Special length	X06 (6m) ~ X10 (10m)
	X11 (11m) ~ X15 (15m)
	X16 (16m) ~ X20 (20m)
	R01 (1m) ~ R03 (3m)
Robot cable	R04 (4m) ~ R05 (5m)
	R06 (6m) ~ R10 (10m)
	R11 (11m) ~ R15 (15m)
	R16 (16m) ~ R20 (20m)

Options

Name	Option code	Reference page
Brake	B	Refer to RoboCylinder General Catalog
Home-position check sensor (on right)	HSR	
Home-position check sensor (on left)	HSL	
Non-motor end specification	NM	
Orientation difference of vacuum joint outlet	VR	

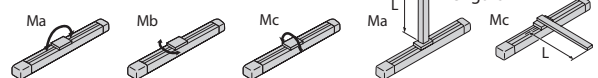
* In the home-position check sensor "HS", there are variations of "HSR" (attached on the right) and "HSL" (attached on the left) depending on the orientation of the sensor that is attached. Refer to the RoboCylinder General Catalog for the contents of "HS" and the following page for the orientation of the attachment.

Actuator Specifications

Item	Description
Drive system	Ball screw Ø6mm rolled C10
Positioning repeatability	±0.02mm
Lost motion	0.1mm or less
Base	Material: Aluminum with white alumite treatment
Guide	Linear guide
Dynamic allowable moment (*1)	Ma: 2.4 N·m, Mb: 3.5 N·m, Mc: 3.8 N·m
Allowable overhang	Ma direction: 100mm or less Mb-Mc direction: 100mm or less
Grease	Low particle-emission (urea based) grease used (on both ball screw and guide)
Cleanliness Class	ISO Class 4 (US FED STD class 10)
Ambient operating temperature, humidity	0 to 40°C, 85% RH or less (Non-condensing)

(*1) Based on 5000km of traveling life.

Allowable load moment directions



PCON-CA

Position Controller for RCP5/RCP4 (Supporting PowerCon)/RCP3/RCP2



- Equipped with a high-output driver for RCP5/RCP4
- Supporting battery-less absolute encoder
- Upgraded maintainability with commonized PC board
- Equipped with smart tuning feature, maintenance information and calendar feature
- Max. number of positioning points: 768 points

* Refer to the catalog of "RCP4 Series / PCON-CA Controller" for details.

MSEP-C MSEP-LC

Position Controller for RoboCylinder, 8-axis Type

Position Controller with PLC Function for RoboCylinder, 6-axis Type



- Equipped with a high-output driver for RCP5/RCP4
- Supporting battery-less absolute encoder
- Applicable for pulse motor / 24VAC servo motor / brushless DC servo motor
- Available to have combined patterns
- Available to connect directly to main field networks
- With PLC function (MSEP-LC)
- Dedicated ladder program creating software "LC-LADDER" available
- Max. number of positioning points: 256 points

* Refer to the catalog of "MSEP-C/LC Controller" for details.

MSEL-PC/PG

4-axis Program Controller for RoboCylinder



- Available to control 4 axes at maximum with pulse motor mounted RoboCylinder
- Equipped with a high-output driver for RCP5/RCP4
- Supporting battery-less absolute encoder
- Number of programs: 255 points, Number of positions: 30000 points
- Safety Category compliant (MSEL-PG)
- Equipped with extension I/O slot
- Small size with 130mm (W) x 195mm (H)

* Switchover of high-output setting between activate and inactivate is not available.

* Refer to the catalog of "MSEL-PC/PG Controller" for details.

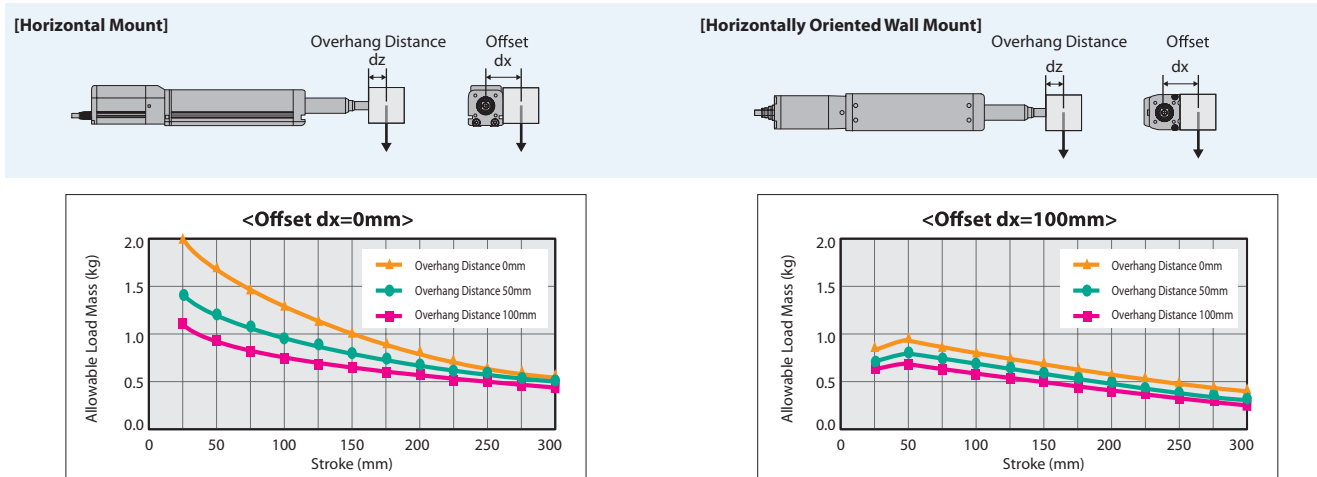
Criteria for Selection

Document for Selection of Radial Cylinder RCP4-RA3C Allowable Load

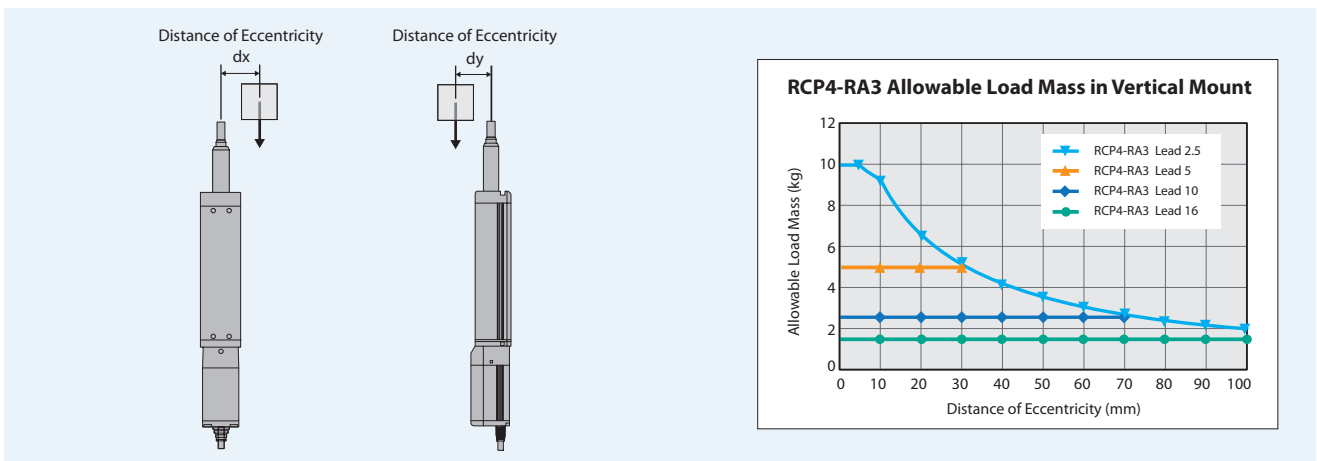
Because the Radial Cylinder is equipped with a built-in guide structure, a certain amount of load can be applied to the rod even without an external guide. Refer to the graphs below for the allowable load mass.

Please note that it is necessary to apply an external guide feature when the operational condition exceeds the allowable load.

Allowable Load Mass in Horizontal Mount



Allowable Load Mass in Vertical Mount

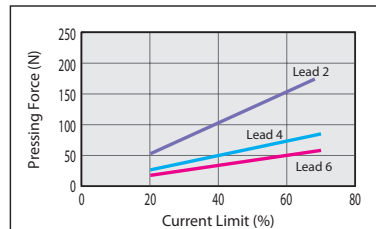


Relative Graph for Pressing Force and Current Limit

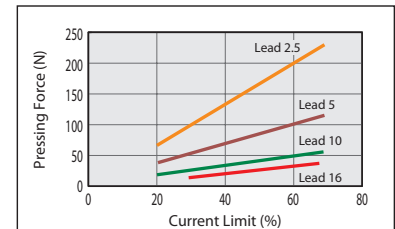
The pressing force in the pressing operation can be changed with the current limit (20% to 70%) on the controller. It is necessary to control the pressing force so the reaction moment generated by the pressing force in the pressing operation would not exceed 80% of the rated moment (M_a , M_b) specified in the catalog when pressing operation is conducted with the Slider Type. Refer to the instruction manual for the details of how to select.

* 30% to 70% for Lead 16 of RCP4-RA3

RCP4(CR)-SA3 Type



RCP4-RA3 Type



Maintenance Parts

Model number	CB-CAN-MPA□□□	Integrated Motor-Encoder Cable	for
	CB-CAN-MPA□□□-RB	Integrated Motor-Encoder Robot Cable	RCP4-SA3/RA3/RCP4CR-SA3

* Please indicate cable length (L) in □□□, maximum 20m. e.g.) 080 = 8m

*Refer to the RCP5 individual catalog for details.

**RCP4/RCP4CR Series
Small Slider / Rod Type
Catalogue No. 0215-E**

The information contained in this catalog is subject to change without notice for the purpose of product improvement



IAI Industrieroboter GmbH

Ober der Röth 4
D-65824 Schwalbach / Frankfurt
Germany

Tel.: +49-6196-8895-0

Fax: +49-6196-8895-24

E-Mail: info@IAI-GmbH.de

Internet: <http://www.eu.IAI-GmbH.de>

IAI America, Inc.

2690 W. 237th Street, Torrance, CA 90505, U.S.A
Phone: +1-310-891-6015, Fax: +1-310-891-0815

IAI (Shanghai) Co., Ltd

Shanghai Jiahua Business Centee A8-303.808,
Hongqiao Rd., Shanghai 200030, China
Phone: +86-21-6448-4753, Fax: +86-21-6448-3992

IAI CORPORATION

645-1 Shimizu Hirose, Shizuoka 424-0102, Japan
Phone: +81-543-64-5105, Fax: +81-543-64-5182

IAI Robot (Thailand) Co., Ltd

825 PhairojKijja Tower 12th Floor, Bangna-Trad RD.,
Bangna, Bangna, Bangkok 10260, Thailand
Phone: +66-2-361-4457, Fax: +66-2-361-4456