

Single-axis / Slider / Dust & Splash-Proof Specification

RCP4W series

ISWA series

Dust- & splash-proof Specification
 Motor straight
 24V stepper motor

Dust- & splash-proof Specification
 Motor straight
 200v AC servo motor



Applicable controller

1 axis	2 axes or more	Complicated movement (program type)
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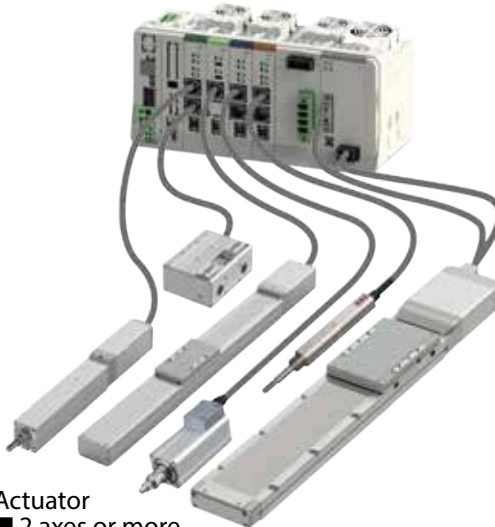
PCON/SCON controller

RCON controller

RSEL controller



Actuator
 ■ 1 axis



Actuator
 ■ 2 axes or more



- Operations with a 2D/3D trajectory
- Palletizing operations
- Registration of multi-axis operations

Description of Table and Reference Pages

1 Stroke

* The belt length shows selectable strokes.
Ex.) SA5C can select from 100 to 500mm.

2 Maximum speed (operation speed)

* Maximum speed varies depending on the stroke.
Ex.) Max. speed is 760mm/s for ISWA-S with 500mm stroke.

3 Cycle time

* One-way travel time of an operation with maximum stroke and horizontal mount, at maximum speed and maximum acceleration/deceleration.
*** Does not represent operations with the maximum payload.**

4 Payload

* Payload varies depending on acceleration and mounting posture.

Series	Type	Stroke (mm) and maximum speed (mm/s)																Lead (mm)	Payload (kg)		
		* The belt length = stroke * Figures in the belt = Max. speed by stroke																	Horizontal	Vertical	
		50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850			
RCP4W	SA5C	330														10	5	–	⌚ 1.658 seconds		
		165														5	10	–	⌚ 3.138 seconds		
	SA6C	400														12	7.5	–	⌚ 1.656 seconds		
		200														6	15	–	⌚ 3.116 seconds		
SA7C	530														16	10	–	⌚ 1.5 sec.			
	265														8	20	–	⌚ 2.772 sec.			

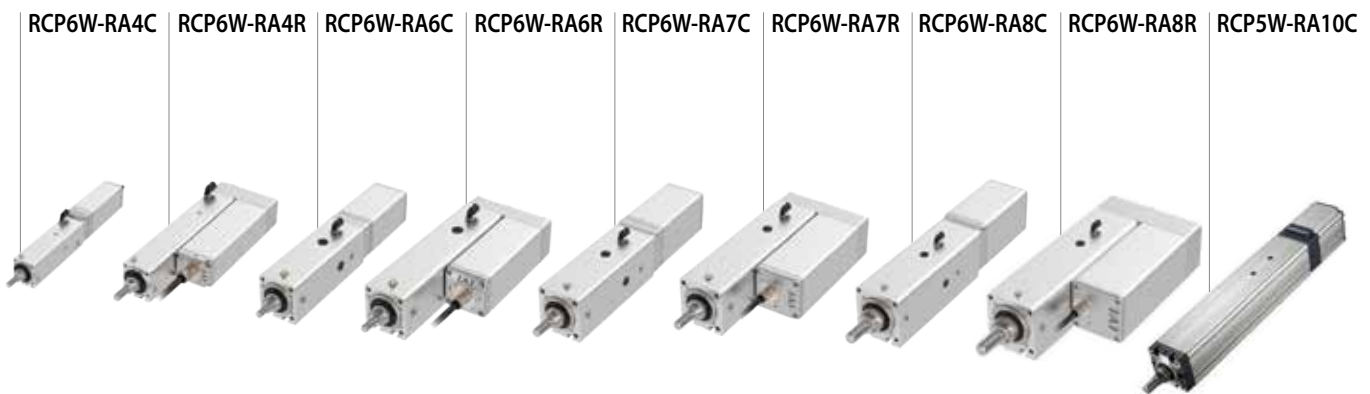
Series	Type	Stroke (mm) and maximum speed (mm/s)																Lead (mm)	Payload (kg)									
		* The belt length = stroke * Figures in the belt = Max. speed by stroke																	Horizontal	Vertical								
		50	100~500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300									
ISWA	S	800		760		⌚ 1.164 seconds																16	7	–				
		400		380		⌚ 1.824 seconds																8	20	–				
		200		190		⌚ 3.332 seconds																4	45	–				
	M-100	500				455		365		300		250		⌚ 4.198 seconds										10	30	–		
		250				225		180		150		125		⌚ 8.147 seconds										5	70	–		
	M-200	1000				915		735		600		500		⌚ 2.286 seconds										20	30	–		
		500				455		365		300		250		⌚ 4.198 seconds										10	70	–		
	L-200	1000				930		765		640		545		465		⌚ 2.854sec.										20	30	–
		500				465		380		320		270		230		⌚ 5.408sec.										10	70	–
	L-400	1000				930		765		640		545		465		⌚ 2.854sec.										20	70	–

Single-axis / Rod / Dust & Splash-Proof Specification

RCP6W/RCP5W series

- Dust- & splash-proof Specification
- Battery absolute
- Motor straight
- Side-mounted motor
- 24V stepper motor

Battery-less Absolute Encoder
 No Battery, No Maintenance,
 No Homing, and No Price Increase.
 No Going Back to Incremental.



Applicable controller

1 axis

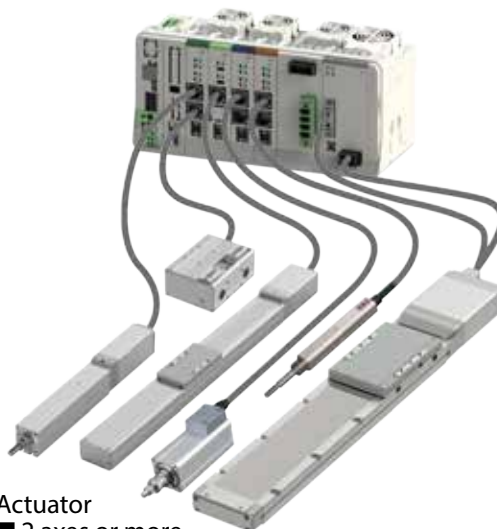
PCON controller



Actuator
 ■ 1 axis

2 axes or more

RCON controller



Actuator
 ■ 2 axes or more

Complicated movement (program type)

RSEL controller



- Operations with a 2D/3D trajectory
- Palletizing operations
- Registration of multi-axis operations

Description of Table and Reference Pages

1 Stroke

Distance

* The belt length shows selectable strokes.
Ex.) RA4C can select from 50 to 200mm.

2 Maximum speed (operation speed)

* Maximum speed varies depending on the stroke.
Ex.) Max. speed is 200mm/s for RA4C with 10mm lead and 200mm stroke.
* Figures in < > represent operations in vertical use.
* Figures in [] show operations at ambient operating temperature of 5°C or lower.

3 Cycle time

Speed

Cycle time

Acceleration

Deceleration

Time

* One-way travel time of an operation with maximum stroke and horizontal mount, at maximum speed and maximum acceleration/deceleration.
* Does not represent operations with the maximum payload.

4 Maximum push force

Push force

* Push force is guide values.

5 Payload

Mass

Horizontal

Vertical

* Payload varies depending on acceleration and mounting posture.

Series	Type	Stroke (mm) and maximum speed (mm/s)													Lead (mm)	Rated thrust force (N)	Max. pushing force (N)	Payload (kg)					
		* The belt length = stroke * Figures in the belt = Max. speed by stroke * Figures in < > represent operations in vertical use.																Horizontal	Vertical				
		50	100	150	200	250	300	350	400	450	500												
RCP6W	RA4C	525<435>[435]			0.573 seconds									10	-	77	11	2					
		350 [260]			0.727 seconds									5	-	155	23	4					
		175<150>[130]			1.247 seconds									2.5	-	310	40	10					
	RA4R	525<435>[435]			0.573 seconds									10	-	77	11	2					
		350 [260]			0.727 seconds									5	-	155	23	4					
		175<150>[130]			1.247 seconds									2.5	-	310	40	10					
	RA6C	630<525>[525]			0.641 seconds									12	-	93	25	4					
		420<370>[315]			0.885 seconds									6	-	185	40	10					
		210 [105]			1.539 seconds									3	-	370	60	20					
	RA6R	630<525>[525]			0.641 seconds									12	-	93	25	4					
		420<370>[315]			0.885 seconds									6	-	185	40	10					
		210 [105]			1.539 seconds									3	-	370	60	20					
	RA7C	420 [280]			0.855 seconds									16	-	273	50	8					
		350<280>[140]			1.193 seconds									8	-	547	60	18					
		140 [105]			2.239 seconds									4	-	1094	80	28					
	RA7R	420 [280]			0.855 seconds									16	-	273	50	8					
		350<280>[140]			1.193 seconds									8	-	547	60	18					
		140 [105]			2.239 seconds									4	-	1094	80	28					
RA8C	350<330>[300]			1.098 seconds									20	-	500	30	3						
	200 [170]			1.664 seconds									10	-	1000	60	35						
	100 [80]			3.483 seconds									5	-	2000	100	70						
RA8R	350<330>[300]			1.098 seconds									20	-	500	30	3						
	200 [170]			1.664 seconds									10	-	1000	60	35						
	100 [80]			3.146 seconds									5	-	2000	100	70						
Series	Type	Stroke (mm) and maximum speed (mm/s)																	Lead (mm)	Rated thrust force (N)	Max. pushing force (N)	Payload (kg)	
		* The belt length = stroke * Figures in the belt = Max. speed by stroke * Figures in < > represent operations in vertical use.																				Horizontal	Vertical
		50	100	200	300	400	450	500	550	600	650	700	750	800	850	900							
RCP5W	RA10C	117	167<130>	200<130>							180<130>	160<130>	140<130>	120	6.973 sec.				10	-	1500	64	64
		83	100			90	80	70	60	55	50	45	17.996 sec.				5	-	3000	120	80		
		50											45	40	35	30	26.947 sec.				2.5	-	6000

* Figures in < > represent operations in vertical use. * Figures in [] show operations at ambient operating temperature of 5°C or lower.

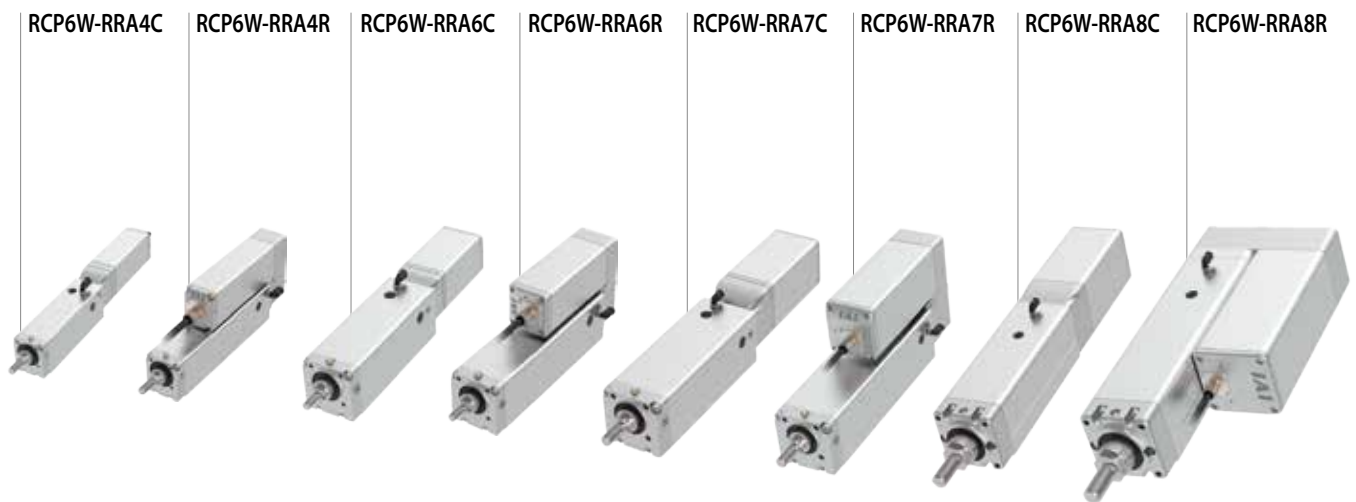
Single-axis / Rod / Dust & Splash-Proof Specification

Radial Cylinder®
to support radial load

RCP6W-RRR series

- Dust- & splash-proof Specification
- Battery absolute
- Motor straight
- Side-mounted motor
- 24V stepper motor

Battery-less Absolute Encoder
No Battery, No Maintenance,
No Homing, and No Price Increase.
No Going Back to Incremental.



Applicable controller

1 axis

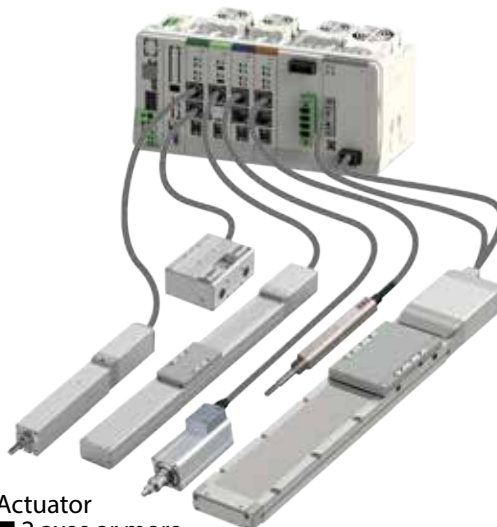
PCON controller



Actuator
■ 1 axis

2 axes or more

RCON controller



Actuator
■ 2 axes or more

Complicated movement
(program type)

RSEL controller



- Operations with a 2D/3D trajectory
- Palletizing operations
- Registration of multi-axis operations

Description of Table and Reference Pages

1 Stroke

* The belt length shows selectable strokes.
Ex) RRA4C can select from 50 to 400mm.

2 Maximum speed (operation speed)

* Maximum speed varies depending on the stroke.
Ex) Max. speed is 200mm/s for RRA4C with 5mm lead and 400mm stroke.
* Figures in < > represent operations in vertical use.

3 Cycle time

* One-way travel time of an operation with maximum stroke and horizontal mount, at maximum speed and maximum acceleration/deceleration.
* Does not represent operations with the maximum payload.

4 Maximum push force

* Push force is guide values.

5 Payload

* Payload varies depending on acceleration and mounting posture.

Type	Stroke (mm) and maximum speed (mm/s)												Lead (mm)	Rated thrust force (N)	Max. pushing force (N)	Payload (kg)	
	* The belt length = stroke * Figures in the belt = Max. speed by stroke * Figures in < > represent operations in vertical use.															Horizontal	Vertical
	50	100~300	350	400	450	500	550	600	650	700	750	800					
RRA4C	525<435>[435]			0.954 seconds									10	-	77	11	2
	350 [260]		340 [260]	1.329 seconds									5	-	155	23	4
	175<150>[105]		170 [150] [105]	2.455 seconds									2.5	-	310	40	10
RRA4R	525<435>[435]			0.954 seconds									10	-	77	11	2
	350 [260]		340 [260]	1.329 seconds									5	-	155	23	4
	175<150>[105]		170 [150] [105]	2.455 seconds									2.5	-	310	40	10
RRA6C	630<525>[525]			0.8 seconds									12	-	93	25	4
	420<370>[315]		1.123 seconds									6	-	185	40	10	
	210 [105]		2.015 seconds									3	-	370	60	20	
RRA6R	630<525>[525]			0.8 seconds									12	-	93	25	4
	420<370>[315]		1.123 seconds									6	-	185	40	10	
	210 [105]		2.015 seconds									3	-	370	60	20	
RRA7C	420 [280]			1.331 seconds									16	-	273	50	8
	350<280>[140]		1.844 seconds									8	-	547	60	18	
	140 [105]		3.684 seconds									4	-	1094	80	28	
RRA7R	420 [280]			1.351 seconds									16	-	273	50	8
	350<280>[140]		1.844 seconds									8	-	547	60	18	
	140 [105]		3.684 seconds									4	-	1094	80	28	
RRA8C	280 [210]	350<330>[210]			320 [210]	280 [210]	240 [210]	220 [210]	3.356 sec.				20	-	500	30	3
	200 [130]		180 [130]	160 [130]	140 [130]	120 [120]	110 [110]	6.478 sec.				10	-	1000	60	35	
	100 [60]		90 [60]	80 [60]	70 [60]	60 [60]	55 [55]	12.824 sec.				5	-	2000	100	70	
RRA8R	280 [210]	350<330>[210]			320 [210]	280 [210]	240 [210]	220 [210]	3.356 sec.				20	-	500	30	3
	200 [130]		180 [130]	160 [130]	140 [130]	120 [120]	110 [110]	6.478 sec.				10	-	1000	60	35	
	100 [60]		90 [60]	80 [60]	70 [60]	60 [60]	55 [55]	12.824 sec.				5	-	2000	100	70	

* Figures in < > represent operations in vertical use. * Figures in [] show operations at ambient operating temperature of 5°C or lower.

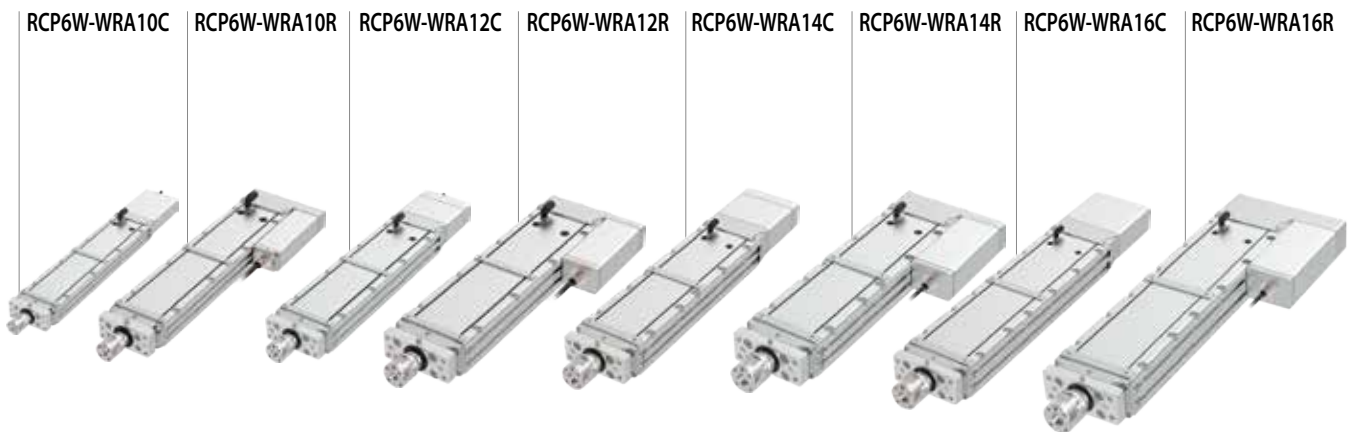
Single-axis / Rod / Dust & Splash-Proof Specification

Radial Cylinder®
to support radial load

RCP6W-WRA series

- Dust- & splash-proof Specification
- Battery absolute
- Motor straight
- Side-mounted motor
- 24V stepper motor

Battery-less Absolute Encoder
No Battery, No Maintenance,
No Homing, and No Price Increase.
No Going Back to Incremental.



Applicable controller

1 axis

2 axes or more

Complicated movement
(program type)

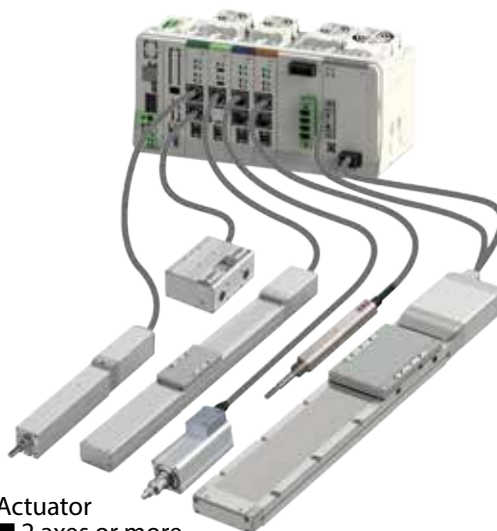
PCON controller

RCON controller

RSEL controller



Actuator
■ 1 axis



Actuator
■ 2 axes or more



- Operations with a 2D/3D trajectory
- Palletizing operations
- Registration of multi-axis operations

Description of Table and Reference Pages

1 Stroke

Distance

* The belt length shows selectable strokes.
Ex) RRA4C can select from 50 to 400mm.

2 Maximum speed (operation speed)

* Maximum speed varies depending on the stroke.
Ex) Max. speed is 200mm/s for RRA4C with 5mm lead and 400mm stroke.
* Figures in < > represent operations in vertical use.

3 Cycle time

Speed
Cycle time
Acceleration
Deceleration
Time

* One-way travel time of an operation with maximum stroke and horizontal mount, at maximum speed and maximum acceleration/deceleration.
* Does not represent operations with the maximum payload.

4 Maximum push force

Push force

* Push force is guide values.

5 Payload

Mass
Horizontal
Vertical

* Payload varies depending on acceleration and mounting posture.

Type	Stroke (mm) and maximum speed (mm/s)											Lead (mm)	Rated thrust force (N)	Max. pushing force (N)	Payload (kg)	
	* The belt length = stroke * Figures in the belt = Max. speed by stroke * Figures in < > represent operations in vertical use.														Horizontal	Vertical
	50	100~400	450	500	550	600	650	700	750	800	900				1000	
WRA10C	525 [350]		490 [350]	1.26 seconds								10	-	77	11.5	-
	350 (215) [215]	290 (215) [215]	240 (215) [215]	2.198 seconds								5	-	155	28	4
	175 (150) [65]	145 (65)	120 [65]	4.258 seconds								2.5	-	310	40	10
WRA10R	525 [350]		490 [350]	1.26 seconds								10	-	77	11.5	-
	350 (215) [215]	290 (215) [215]	240 (215) [215]	2.198 seconds								5	-	155	28	4
	175 (150) [65]	145 (65)	120 [65]	4.258 seconds								2.5	-	310	40	10
WRA12C	560 [320]		1.067 seconds								12	-	93	30	-	
	400 (220) [220]	375 (220) [220]	1.468 seconds								6	-	185	55	4	
	225 (140) [80]	220 (140) [80]	185 (140) [80]	2.808 seconds								3	-	370	70	14
WRA12R	560 [320]		1.067 seconds								12	-	93	30	-	
	400 (220) [220]	375 (220) [220]	1.468 seconds								6	-	185	55	4	
	225 (140) [80]	220 (140) [80]	185 (140) [80]	2.808 seconds								3	-	370	70	14
WRA14C	420 [280]		1.599 seconds								16	-	273	50	-	
	280 (210) [140]		2.283 seconds								8	-	547	65	11.5	
	130 [70]		4.708 seconds								4	-	1094	85	21.5	
WRA14R	420 [280]		1.599 seconds								16	-	273	50	-	
	280 (210) [140]		2.283 seconds								8	-	547	65	11.5	
	130 [70]		4.708 seconds								4	-	1094	85	21.5	
WRA16C	280 [240]	360 [240]		340 [240]	295 [240]	260 [240]	225 [225]	200 [200]	180 [180]	4.598 sec.		20	-	500	30	-
	220 (160) [120]		195 (160) [120]	165 (160) [120]	145 [120]	125 [120]	110 [110]	100 [100]	90 [90]	8.992 sec.		10	-	1000	60	30.5
	110 (90) [80]		95 (90) [80]	80 [80]	70 [70]	60 [60]	55 [55]	50 [50]	45 [45]	17.863 sec.		5	-	2000	100	59
WRA16R	280 [240]	360 [240]		340 [240]	295 [240]	260 [240]	225 [225]	200 [200]	180 [180]	4.598 sec.		20	-	500	30	-
	220 (160) [120]		195 (160) [120]	165 (160) [120]	145 [120]	125 [120]	110 [110]	100 [100]	90 [90]	8.992 sec.		10	-	1000	60	30.5
	110 (90) [80]		95 (90) [80]	80 [80]	70 [70]	60 [60]	55 [55]	50 [50]	45 [45]	17.863 sec.		5	-	2000	100	59

* Figures in < > represent operations in vertical use. * Figures in [] show operations at ambient operating temperature of 5°C or lower.

Single-axis / Rod / Dust & Splash-Proof Specification

RCA2W series

RCS2W series

Dust- & splash-proof Specification
24v ACservo motor

Dust- & splash-proof Specification
200v ACservo motor

RCA2W-RN3NB
RCA2W-RN4NB



RCA2W-RP3NB
RCA2W-RP4NB



RCA2W-GS3NB
RCA2W-GS4NB



RCS2W-RN5NB



RCS2W-RP5NB



RCS2W-GS5NB



RCA2W-GD3NB
RCA2W-GD4NB



RCA2W-SD3NB
RCA2W-SD4NB



RCS2W-GD5NB



RCS2W-SD5NB



Applicable controller

1 axis

2 axes or more

Complicated movement
(program type)

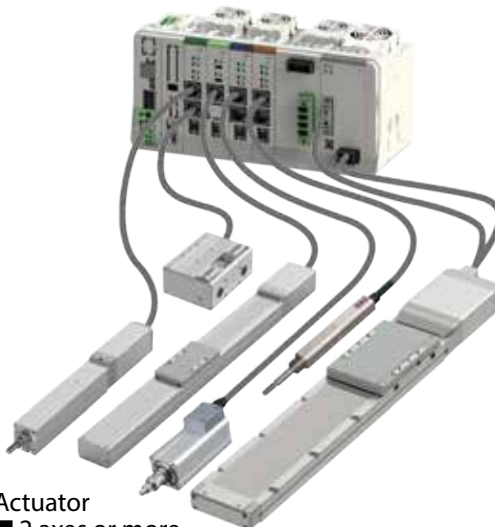
ACON/SCON controller

RCON controller

RSEL controller



Actuator
■ 1 axis



Actuator
■ 2 axes or more



■ Operations with a 2D/3D trajectory
■ Palletizing operations
■ Registration of multi-axis operations

Description of Table and Reference Pages

1 Stroke

* The belt length shows selectable strokes.
Ex) RN3NB can select from 30 to 50mm.

2 Maximum speed (operation speed)

* Figures in < > represent operations in vertical use.

3 Cycle time

* One-way travel time of an operation with maximum stroke and horizontal mount, at maximum speed and maximum acceleration/deceleration.
*** Does not represent operations with the maximum payload.**

4 Payload

* Payload varies depending on acceleration and mounting posture.

Series	Type	Stroke (mm) and maximum speed (mm/s)						Lead (mm)	Rated thrust force (N)	Payload (kg)			
		* The belt length = stroke * Figures in the belt = Max. speed by stroke * Figures in < > represent operations in vertical use.								Horizontal	Vertical		
		25	30	50	75	100	150						
RCA2W	RN3NB	200		0.353 seconds		4	42.7	0.75	0.25				
		100		0.635 seconds				2	85.5	1.5	0.5		
		50		1.107 seconds				1	170.9	3	1		
	RN4NB	270 (220)		300		0.304 seconds		6	33.8	2	0.5		
		200		0.353 seconds		4	50.7			3	0.75		
		100		0.645 seconds						2	101.5	6	1.5
	RP3NB	200		0.353 seconds		4	42.7	0.75	0.25				
		100		0.635 seconds				2	85.5	1.5	0.5		
		50		1.107 seconds				1	170.9	3	1		
	RP4NB	270 (220)		300		0.304 seconds		6	33.8	2	0.5		
200		0.353 seconds		4	50.7	3	0.75						
100		0.645 seconds				2	101.5			6	1.5		
GS3NB	200		0.353 seconds		4	42.7	0.75	0.25					
	100		0.635 seconds				2	85.5	1.5	0.5			
	50		1.107 seconds				1	170.9	3	1			
GS4NB	270 (220)		300		0.304 seconds		6	33.8	2	0.5			
	200		0.353 seconds		4	50.7			3	0.75			
	100		0.645 seconds						2	101.5	6	1.5	
GD3NB	200		0.353 seconds		4	42.7	0.75	0.25					
	100		0.635 seconds				2	85.5	1.5	0.5			
	50		1.107 seconds				1	170.9	3	1			
GD4NB	270 (220)		300		0.304 seconds		6	33.8	2	0.5			
	200		0.353 seconds		4	50.7			3	0.75			
	100		0.645 seconds						2	101.5	6	1.5	
SD3NB	200		0.353 seconds		4	42.7	0.75	0.25(Note 1)					
	100		0.635 seconds				2	85.5	1.5	0.5(Note 1)			
	50		1.107 seconds				1	170.9	3	1(Note 1)			
SD4NB	240 (200)		300		0.387 seconds		6	33.8	2	0.5(Note 1)			
	200		0.478 seconds		4	50.7			3	0.75(Note 1)			
	100		0.895 seconds						2	101.5	6	1.5(Note 1)	
RCS2W	RN5NB	280 (230)		380 (330)		0.442 seconds		10	89	5	1.5		
		250 (230)		250		0.498 seconds				5	178	10	3
		125		0.761 seconds		2.5	356			20	6		
	RP5NB	280 (230)		380 (330)		0.442 seconds		10	89	5	1.5		
		250 (230)		250		0.498 seconds				5	178	10	3
		125		0.761 seconds		2.5	356			20	6		
	GS5NB	280 (230)		380 (330)		0.442 seconds		10	89	5	1.5		
		250 (230)		250		0.498 seconds				5	178	10	3
		125		0.761 seconds		2.5	356			20	6		
	GD5NB	280 (230)		380 (330)		0.442 seconds		10	89	5	1.5		
250 (230)		250		0.498 seconds		5	178			10	3		
125		0.761 seconds		2.5	356	20	6						
SD5NB	280 (230)		380 (330)		0.442 seconds		10	89	5	1.5(Note 1)			
	250 (230)		250		0.498 seconds				5	178	10	3(Note 1)	
	125		0.761 seconds		2.5	356			20	6(Note 1)			

* Figures in < > represent operations in vertical use. (Note 1) When the actuator is fixed.

Gripper / Dust & Splash-Proof Specification

RCP2W series

Dust-proof
Specification

Slide

Lever

24V
stepper
motor

RCP2W-GRSS



RCP2W-GRLS



RCP2W-GRS



RCP2W-GRM



RCP2W-GR3SS



RCP2W-GR3SM



Applicable controller

1 axis

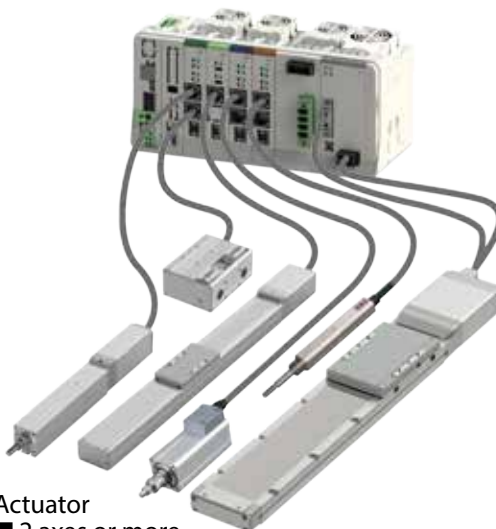
PCON controller



Actuator
■ 1 axis

2 axes or more

RCON controller



Actuator
■ 2 axes or more

Complicated movement
(program type)

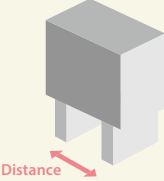
RSEL controller



- Operations with a 2D/3D trajectory
- Palletizing operations
- Registration of multi-axis operations

Description of Table and Reference Pages


1 Stroke (both sides)



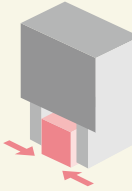
Distance

* The belt length shows selectable strokes.
Ex.) GRSS can select 8mm.

2 Max. speed (one side)



3 Max. gripping force (both sides)



Gripping force (Pushing force)

Type	Stroke (mm) and maximum speed (mm/s)				Max. gripping force (both sides)
	8mm	10mm	14mm	180 degrees	
GRSS	78				14
GRLS				600	64
GRS		33			21
GRM			36		80
GR3SS		40			22
GR3SM			50		102

Rotary / Dust & Splash-Proof Specification

RCP2W series

Dust- & splash-proof Specification
24V stepper motor

RCP2W-RTBS
RCP2W-RTBSL



RCP2W-RTB
RCP2W-RTBL



RCP2W-RTBB
RCP2W-RTBBL



RCP2W-RTCS
RCP2W-RTCSL



RCP2W-RTC
RCP2W-RTCL



RCP2W-RTCB
RCP2W-RTCBL



DDW series

Dust- & splash-proof Specification
Direct drive motor

DDW-LH18C



Applicable controller

1 axis

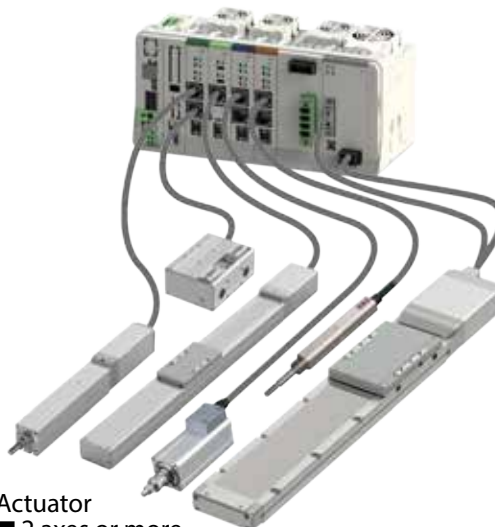
PCON/SCON controller



Actuator
■ 1 axis

2 axes or more

RCON controller



Actuator
■ 2 axes or more

Complicated movement
(program type)

RSEL controller



■ Operations with a 2D/3D trajectory
■ Palletizing operations
■ Registration of multi-axis operations

Description of Table and Reference Pages

1 Swaying angle

*The belt length shows selectable swaying angles.

2 Max. speed (rotational speed)

3 Allowable moment of inertia

*Allowable moment of inertia varie depending on rotational speed.

Series	Type	Swaying angle (degree) and Max. speed (degree/s)				Max. torque (N)	Allowable moment of inertia (kg·m ²)
		180	330	360	Multi-rotation		
RCP2W	RTBS	400				0.24	0.0023
	RTCS	226				0.36	0.0035
	RTBSL	400				0.24	0.0023
	RTCSL	226				0.36	0.0035
	RTB	600				1.1	0.01
	RTC	400				1.7	0.015
	RTBL	600				1.1	0.01
	RTCL	400				1.7	0.015
	RTBB	600				3.0	0.02
	RTCB	400				4.6	0.03
	RTBBL	600				3.0	0.02
	RTCBL	400				4.6	0.03
DDW	LH18C	1440				67	1.6

SCARA Robot / Dust & Splash-Proof Specification

IXP series

Dust- & splash-proof Specification

Battery absolute

24V stepper motor

IXP-3W3515
IXP-4W3515



IXP-3W4515
IXP-4W4515



IXP-3W5520
IXP-4W5520



IXP-3W6520
IXP-4W6520



IXA series

Dust- & splash-proof Specification

Battery absolute

200v AC servo motor

IXA-4NSW3015



IXA-4NSW45□□



IXA-4NSW60□□



Applicable controller

IXP Series

MSEL controller



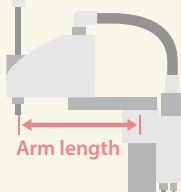
IXA Series

XSEL controller



Description of Table and Reference Pages

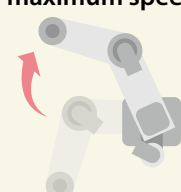
1 Arm length



Arm length

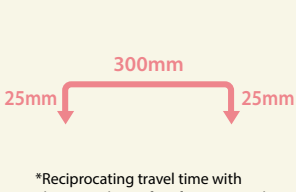
* Shows the maximum distance from the 1st arm center to the 3rd/4th rotational center.

2 Combined maximum speed



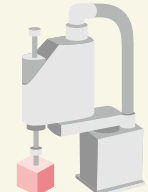
* The combined speed of the 1st and 2nd arms.
* Speed varies depending on the operating conditions.

3 Standard cycle time



* Reciprocating travel time with horizontal transfer of 300mm and vertical transfer of 25mm with a payload of 2kg. (1kg payload for IXP350 and IXP450)

4 Payload



Mass

* Payload varies depending on acceleration/deceleration speed.

Series	Type	Arm length (mm) and combined max. speed (mm/s)						Standard cycle time (seconds)	Payload (kg)		Z-axis stroke (mm)	
		* The belt length = arm length * Figures in the belt = Max. speed of 1st and 2nd arm lengths							Rated	Max.	Standard	Long
		300	350	450	550	600	650					
IXP	3W3515		2399					0.76	1	3	150	—
	4W3515		2399					0.76	1	3	150	—
	3W4515			2194				0.74	1	3	150	—
	4W4515			2194				0.74	1	3	150	—
	3W5520				2501			0.79	2	6	200	—
	4W5520				2501			0.79	2	6	200	—
	3W6520					2314		0.93	2	6	200	—
	4W6520					2314		0.93	2	6	200	—
IXA	4NSW3015	5126						0.38	—	6	150	—
	4NSW45□□		6981					0.38	—	8	180	330
	4NSW60□□			6039				0.38	—	10	180	330