Options Available per Model

										Opt	ion Syn	nbol								
																No	Med	F 1	-	<u> </u>
						Cab	le Exit Dire	ection					В	rake		Brake	Cover	Bracket	Flange	
			A1	42	42	СІТ	CIR	CII	CIR		1/2		DE	DI	DD	BOX*	60	ГР		
		SADEC.		AZ	AS		UK	CIL	CIB	00	KZ	P	DE	DL	DN	DIN		гр	L.	
	DCDD	SA3/4/5/6C				•		•				•								
	RCP3	SA2□R										-								
		SA3/4/5/6R																		
		SA5/6/7C	_										•	•	•					
	RCP2	SA5/6/7R	-															1	1	
		SS7/SS8/HS8R										Ŏ								
		BA6/7					_		_											
	RCA2	SA3/4/5/6C SA3/4/5/6R	_				•	-												
		SA4C										ŏ								
Slider		SA5/6C										۲								
Type	RCA	SA4D																		
		SA5/6D SA4R	_										-	-	-					
		SA5/6R			-				-			ŏ						1	1	
		SA4C						İ.												
		SA5/6C																		
		SA/C SS7/8C	_										-							
	DCCO	SA4D											•	•	•					
	RCS2	SA5/6D																		
		SA4R				-		-										-	-	
		SA7R	_																	
		SS7/8R										ŏ								
	RCP3	RA2□C																		
		RA2DR	_					-												
		RAZC	-																	
	RCP2	RA4/6C										•							Ŏ	
		RA10C		•								•							•	
																		1		
Rod	RCA2		_								•									
		RA3/4C																		
Туре	RCA	RA3/4D																	•	
		SRA4R	_																	
		RA4C			1		1		-			ŏ			-				ŏ	
		RA5C																	•	
	DCSD	RA4D																		
	nC32	RA4R		-														1		
		RA5R										Ŏ							Ŏ	
		RA13R														•				L
	RCP3	TA3C																		
		TA3R										ŏ								
Table/		TA4/5/6/7R										۲								
Arm/Flat	DCAD																			
Туре	RCAZ	TA4/5/6/7R	-				•	-												
	RCA	A4/5/6R						1				ŏ				1	1	1	1	1
RC52		A4/5/6R																		
Gripper Type	RCPD																			
- snpper type	ncr2		_				1		1											
Rotary Type	RCP2	RTOOL																		
	RCS2	RT6/RT6R/RT7R																		
Type	RCL	SA4/5/6L RA1/2/3L	_	-		-		-								•				-
	PCDOCD	SA4/5/6C																		
	nCP2CK	SS7/SS8/HS8C										٠								
	PCACE	SA4C																		
Cleanroom	NCACK	SA5/6D											•							
Туре		SA4C											-	-	-					
	Decado	SA5/6C																		
	RCS2CR	SA/C SS7/8C						1					•	•	•					
		SA5/6D	_				-		1				•	•	•					
		SA16C		_																
	RCP2W	RA4/6C										•							•	
		RATUC RA3/4C		•	•															
Splash-	RCAW	RA3/4D																	ŏ	
Proof		RA3/4R										٠							•	
	DCCOW	RA4C																		
	RCS2W	RA4D RA4R																		
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											Opt	ion Syn	nbol											
Rear Flange	Foot	Foot (Right, Left)	High Acceleration/ Deceleration	Home Sensor	Limit Switch	Power Saving	No Cover	Reversed- home	Knuckle Joint	Clevis	Side-	Mounted N	lotor Orien	itation	Rod Extension	Rear Mounting Plate	Shaft Adapter	Shaft Bracket	Slider Roller	Slider Spacer	Table Adapter	Front Trunnion	Rear Trunnion	Vacuum Joint On Opposite Side
FLR	FT	FT	HA	HS	L	LA	NCO	NM	NJ	QR	MB	ML	MR	MT	RE	RP	SA	SB	SR	SS	TA	TRF	TRR	VR
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Applicable models	All silder-type models (excluding RCP2-SA2C) / SA2BC and RCP2-BA6 / BA7) All rod-type models (excluding RCP2-RA2C / RA3C, RCA2-RNCN, RPCN, GSCN, GDCN, SDCN and RCA / RCS2 built-in types) All table-type models (excluding TCCN, TWCN and TFCN) All arm-type and flat-type models (the arm type is a standard feature) Linear Servo Rod type All cleanroom type models Dust-proof / Splash-proof type (excluding RCP2W-SA16C, RCAW-RA3 / 4D and RCS2W- RA4D)
Description	A retention mechanism used on an actuator positioned vertically to prevent the slider from dropping and damaging the part, etc., when the power or servo is turned off.

Cable exit direction



Applicable models RCP3 (RCA2)-SA3C / SA4C / SA5C / SA6C / SA3R / SA4R / SA5R / SA6R RCP3 (RCA2)-TA4C / TA5C / TA6C / TA7C / TA4R / TA5R / TA6R / TA7R

Description The direction of the motor-encoder cable mounted on the actuator can be changed vertically or horizontally.





Side-Mounted Motor Type Mounted on left side (ML)



Side-Mounted Motor Type Mounted on right side (MR)



Front flange

Models FL

Applicable models

All rod type models (excluding RCP3 and RCA2)

Description A bracket for affixing the actuator using bolts from the actuator side.



Appendix: - 27 Technical Reference/Information



Rear flange

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80 100 Ø80h7

Models FLR



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(110)

RCP2-SRA4R RCA (RCAW)-RA3C / RA3D / RA3R / RA4C / RA4D / RA4R / SRA4R RCS2 (RCS2W)-RA4C / RA4D / RA4R

A bracket to fix a rod-type actuator on the rear (motor side).





Technical Reference/Information Appendix: - 28





Technical Reference/Information Appendix: - 30



Foot (Mounted on right side face/left side face)

Models FT2(Mounted on right side face) FT4(Mounted on right side face)



RCP2 (RCA)-SRA4R

Description A bracket for affixing the actuator using bolts from the top side. RCP2(RCA)-SRA4R can be mounted on the side face also.





		Explanation of Options							
Guide mounting direction (for sing	le-guide	type only)							
■ Models GS2, GS3 and GS4	Applicable models	RCP2 (RCA)-SRGS4R RCS2-RGS5C / SRA7BD							
	Description	For the single-guide model, the mounting position of the rod can be selected from the right (GS2), bottom (GS3), or left side (GS4).							
High acceleration/deceleration									
■ Models HA	Applicable models	RCA-SA4C / SA5C / SA6C / RA3C / RA4C RCS2-SA4C / SA5C / SA6C / SA7C / RA4C / RA5C							
	Description	Option to increase to 1G the standard acceleration rate of 0.3G. An actuator with 1G of acceleration can be operated with the same load capacity as the 0.3G unit. The controller settings are different from the standard specification, so when operating with high acceleration, the controller also needs to be set to the high acceleration specification.							
Home check sensor									
Applicable models Slider Type RCA (RCACR)-SA4C / SA5C / SA6C, RCS2 (RCS2CR)-SA4C / SA5C / SA6C RCA-SA4R / SA5R / SA6R and RCS2-SA4R / SA5R / SA6R RCA-RA3C / RA3D / RA3D / RA3D / RA3D / RA4C / RA4D / RA4R and RCS2-RA4C / RA4D / RA4R Description When an actuator is instructed to return home, this sensor checks to make sure that the slider moves to the home position. * This cannot be used with the reversed-home specification for rod types.									
Connector cable exit direction									
■ Models K2	Applicable models	RCA2-RN□N / RP□N / GS□N / GD□N / TC□N / TW□N / TF□N							
	Description	Connector cable outlet direction can be changed from the front to the rear.							
Limit switch									
■ Models L	Applicable models	Rotary Type RCS2-RT6 / RT6R / RT7R							
	Description	When home return is performed, the home will be determined after the actuator reverses following contact with the mechanical end. This optional sensor is used to detect this reversing.(However, with the rotary type, all models will have the standard settings.)							
Low power compatible									
■ Models LA	Applicable models	RCA / RCA2 / RCACR / RCA Series, all models							
	Description	This option decreases the power capacity of the controller. With the standard specification and high-speed acceleration specification, the maximum is 5.1A, but if the low-power specification is selected, the maximum decreases to 3.4A. (The maximum values differ for some models, so see the power capacities of the ACON/ ASEL controllers for details.)							

Side-Mounted Motor Orientation		
■ Models MB, ML, MR and MT	Applicable models	All side-mounted motor type models
T (TOP) L Actuator B	Description	These abbreviations specify the motor reversing direction of the motor reversing type. Viewed from the motor side, downward reversing is MB (arm type only), leftward reversing is ML (all models), rightward reversing is MR (all models), and upward reversing is MT (limited to RCS2-RA13R). The arm type is MB, but for other models, ML is standard. (MT has different criteria for RCS2-RA13R.)
(LEFT) (RIGHT) B (BOTTOM)		
No cover		
■ Models NCO	Applicable models	RCP3 (RCA2)-SA3C / SA4C / SA5C / SA6C / SA3R / SA4R / SA5R / SA6R
	Description	By removing the cover from the actuator, the cost reduction can be achieved and the maintainability can be enhanced.
Reversed-home specification		
■ Models NM		
All slider-type models All rod-type, table-type, arm-type, and flat- (* excluding RCP2-RA2C / SRA4R / RA10C / RA5R / SRA7BD / RA13R)	type models , RCA2-RN / F	RP / GS / GD / SD / TC / TW / TF⊡N, RCA-SRA4R and RCS2-RA5C

Description The normal home position is set by the slider and rod on the motor side, but there is the option for the home position to be on the other side to accomodate variations in device layout, etc. (Note: Home position settings are factory settings. Changes to these settings after the product is delivered will require shipping the product back to IAI for re-setting.)



Technical Reference/Information Appendix: - 34

Rod end extension specification

Models RE

Applicable models RCS2-SRA7BD

Description

models

An adapter for extending the rod end so that the distance between the mounting hole and the rod end can be the same as that of RCS2-RA7BD.

Rear mounting plate



Applicable Motor reversing rod types RCA-RA3R / RA4R and RCS2-RA4R

A bracket (plate) for affixing the back of a motor-reversing rod type (RA3R/RA4R) to the Description system



Shaft adapter

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Shaft bracket

Models SB

Applicable models	Gripper Type	RCP2-GRS / GRM / GR3LS GR3LM / GR3SS / GR3SM
Description	This bracket is	for mounting the gripper unit.
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Slider roller specification

Applicable models	Slider type RCA-SA4□/SA5□/SA6□ RCS2-SA4□/SA5□/SA6□/SA7□/SS7□/SS8□
 Description	This changes the structure of the standard slider type that is similar to those found in cleanroom types.

Slider spacer

Models SS

Models SR

Applicable models	Slider Type RCA-SA4C / SA4R RCS2-SA4C / SA4R
Description	A spacer for raising the top face of the slider on the SA4 type to above the motor. This spacer is not required for non-SA4 types because the top face of the slider is above the motor on these actuators.



Table adapter



Front trunnion

Models TRF

Applicable models

RCA-RA3C / RA3D / RA3R / RA4C / RA4D / RA4R Rod Type RCS2-RA4C / RA4D / RA4R

A bracket for aligning the cylinder movement when the load installed at the tip of the rod Description moves in a direction different from the rod.



If a rod is moved with a trunnion bracket mounted to it, use a guide type or install an external guide so no load is applied to the rod in a direction other than the proper direction the rod travels.



Rear trunnion

Models TRR

Applicable models

Rod Type RCA-RA3C / RA3D / RA4C / RA4D RCS2-RA4C / RA4D

A bracket for aligning the cylinder movement when the load installed at the tip of the rod Description moves in a direction different from the rod.



If a rod is moved with a trunnion bracket mounted to it, use a guide type or install an external guide so no load is applied to the rod in a direction other than the proper direction the rod travels.



Vacuum joint mounted on opposite side

Models VR

Applicable All cleanroom type models

Description

models

Looking from the motor side, the standard position for the vacuum joint is on the left side of the actuator, but this option allows users to change the position to the opposite side (right side).