

RE: Correction Notice for ROBO Cylinder General Catalog

Dear Valued Customer,

Thank you for using IAI product.

In the newly released "ROBO Cylinder General Catalog" (No. CJ0159-2A-UAT-1-0511), some mistakes have been found. Please note the corrected items below when referring to the catalog.

Page #: Pre-24 ROBO Cylinder General Catalog

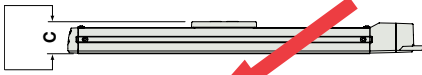
RT6		500	2.4	0.025	100V 200V	RCS2-RT6-I-60-18-300	P.365
RT6R		500	2.4	0.025		RCS2-RT6R-I-60-18-300	P.367
RT7R		500	0.764	0.00125		RCS2-RT7R-I-60-4-300	P.369

I = Incremental A = Absolute DC = AC

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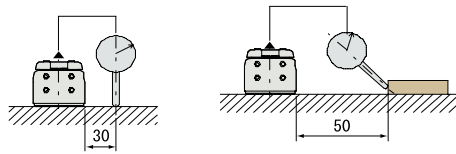
Parallelism: Base Underside Load Surface (Top Side)

ERC2: within ±0.1mm/m
RCP2/RCA/RCS2: within ±0.05mm/m



Parallelism When Mounted on a Frame (Fixed onto a Smooth Surface*1)

ERC2: within ±0.1mm/m
RCP2/RCA/RCS2: within ±0.05mm/m



Condition: The above values were measured at 20°C. *1: 0.05mm or less deviation from flatness.

Page #: 247 RCP2-RA13R

Actuator Specifications	
Item	Description
Drive System	Ball screw ø32mm C10 grade
Positioning Repeatability	±0.01mm
Lost Motion	0.2mm or less
Rod Diameter	ø50mm (ball spline)
Allowable Load Moment of the Rod	120 N·m
Ambient Operating Temp./Humidity	0 ~ 40°C, 85% RH or less (non-condensing)
Push Force Service Life	10 million pushes (*1)

(*1) The number of pushes are based on maximum pushing force and a distance of 1mm.

Page #: 7 RCP3-SA3C

RCP3-SA3C ROBO Cylinder Slider Type 32mm Width Pulse Motor Coupled

■ Configuration: **RCP3** — **SA3C** — **I** — **28P** — **6** — **50** — **P1** — **N** — **3** — **X**

Series	Type	Encoder	Motor	Lead	Stroke	Compatible Controllers	Cable Length	Option
RCP3	SA3C	I: Incremental * The Simple absolute encoder models are labeled as "I".	28P: Pulse motor 28 □ size	6: 6mm 4: 4mm 2: 2mm	50: 50mm 300: 300mm (50mm pitch increments)	P1: PCON RPCON PSEL P3: PMEC PSEP	N : None P : 1m S : 3m M : 5m X □ □ : Custom Length	See Options below

* See page Pre-35 for explanation of each code that make up the configuration name.

RCS2-SA7C

ROBO Cylinder Slider Type 73mm Width 200V Servo Motor Coupled

■ Configuration: **RCS2** — **SA7C** — — **60** — — — —

Series — Type — Encoder — Motor — Lead — Stroke — Compatible Controllers — Cable Length — Option

I : Incremental
A : Absolute

60: 60W Servo motor

16: 16mm
8: 8mm
4: 4mm

50: 50mm
800:800mm (50mm pitch increments)

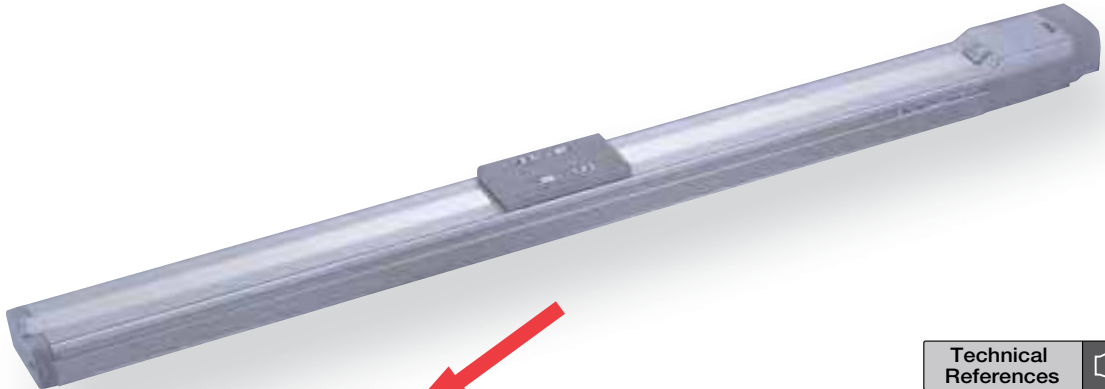
T1: XSEL-J/K
T2: SCON
SSEL
XSEL-P/Q

N : None
P : 1m
S : 3m
M : 5m
X : Custom Length
R : Robot Cable

* See page Pre-35 for explanation of each code that makes up the configuration name.

For High Acceleration/Deceleration

(excluding the 4-mm lead model)



Standard type		High Acceleration type	
Lead	Accel/Decel	Lead	Accel/Decel
16mm	0.3G	16mm	1G
8mm	0.3G	8mm	0.8G
4mm	0.2G	4mm	0.2G
(No HA option for the 4mm lead)			

(1) When the stroke increases, the maximum speed will drop to prevent the ball screw from reaching the critical rotational speed. Use the actuator specification table below to check the maximum speed at the stroke you desire.

(2) The load capacity is based on standard model operating at 0.3G (0.2G for 4mm-lead), and 1G for high acceleration/deceleration type (0.8G for the 8-mm lead and exclude 4-mm lead*.) (Even when the acceleration/deceleration is dropped, the maximum load capacity values shown in the table below are the upper limits.)

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[S] SA	(Shaft adapter)	A-35
SB	(Shaft bracket)	A-36
SCON-C(Controller)	547
SEL-T(Teaching box)	597
SEL-TD	(Teaching box)	597
SEL-TG	(Teaching box)	597
SEL-T-J(Teaching box)	565 • 575 • 585
SEP-ABU	(Absolute battery unit for SEP)	500
SEP-ABU-W(Absolute battery unit for SEP)	500
SEP-PT	(Touch panel teaching pendant)	497
SE-TD-J(Teaching box)	565 • 575 • 585
SR	(Slider roller)	A-36
SS	(Slider spacer)	A-36

We apologize for the inconvenience this may cause.
Sincerely,

IAI America, Inc.