

A new specification has been added to **RCP6 high-rigidity slider**

Long stroke specification

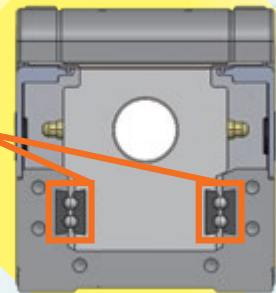
Equipped with an intermediate support, enabling long strokes and high-speed operation.

Maximum length 1,500 mm

Max horizontal payload **53 kg**

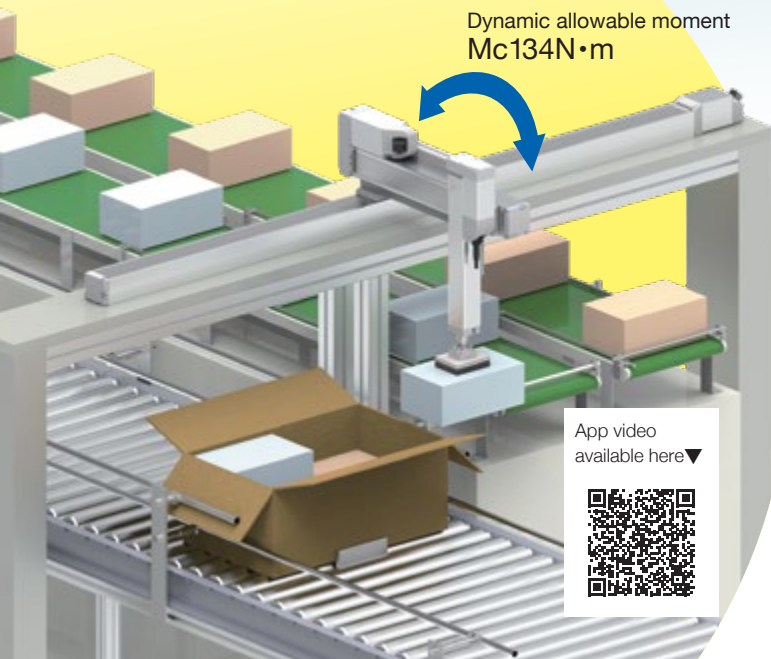
Equipped with a 4-row ball circulation linear guide.

Cross-section view



Mixed box packing line for small packages

Dynamic allowable moment $M_c 134N \cdot m$



App video available here ▼

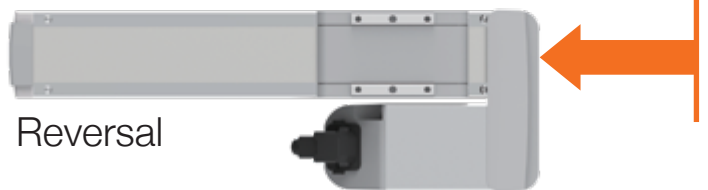


Supports motor reversal

Reduces installation space in the longitudinal direction.



Standard



Reversal

Overall length is shortened.

Product specifications

Model specification items ① — ② — WA — ③ — ④ — ⑤ — ⑥ — ⑦ — (⑧)
 Series Type Encoder Motor specification Lead Stroke Controller Cable length Option

Long Stroke Specification 〔 Motor Straight Motor Reversal 〕									
① Series		RCP6							
② Type		(Motor Straight) HSA6XC (Motor Reversal) HSA6XR				(Motor Straight) HSA7XC (Motor Reversal) HSA7XR			
Encoder		Battery-less Absolute Encoder							
③ Motor Type		42P				56P			
④ Lead (mm)		20	12	6	3	24	16	8	4
⑤ Stroke (mm)		500~1,500 (in 50mm increments)				700~1,500 (in 50mm increments)			
⑥ Compatible Controllers		P3(PCON, MSEL) / P5(RCON, RSEL)							
⑦ Cable Length (m)		N(None)/P(1m)/S(3m)/M(5m)/X□□(Custom Length)/R□□(Custom Robot Cable Length)							
⑧ Options		Please check the product specifications on the website.							
Horizontal*	Maximum Payload (kg)	15	28	42	42	37	48	53	53
	Maximum Speed (mm/s)	1,120	800	450 [400]	225 [200]	1,080	700	420 [530]	175
Vertical*	Maximum Payload (kg)	1	2.5	6	16	3	8	16	25
	Maximum Speed (mm/s)	960	700	450 [400]	225 [200]	860	560	350	140
Dynamic Allowable Moment (N · m)		Ma:33.7 / Mb:40.2 / Mc:55.3				Ma:75.5 / Mb:90 / Mc:134			
Product Specifications									

* [] Indicates Motor Reversal

Standard Specification 〔 Motor Reversal 〕									
① Series		RCP6							
② Type		HSA6R				HSA7R			
Encoder		Battery-less Absolute Encoder							
③ Motor Type		42P				56P			
④ Lead (mm)		20	12	6	3	24	16	8	4
⑤ Stroke (mm)		50~800 (in 50mm increments)				50~800 (in 50mm increments)			
⑥ Compatible Controllers		P3(PCON, MSEL) / P5(RCON, RSEL)							
⑦ Cable Length (m)		N(None)/P(1m)/S(3m)/M(5m)/X□□(Custom Length)/R□□(Custom Robot Cable Length)							
⑧ Options		Please check the product specifications on the website.							
Horizontal	Maximum Payload (kg)	15	28	42	42	37	48	53	53
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Dynamic Allowable Moment (N · m)		Ma:33.7 / Mb:40.2 / Mc:55.3				Ma:75.5 / Mb:90 / Mc:134			
Product Specifications									

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