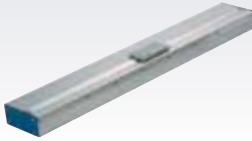
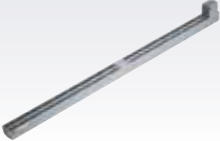



# Model Selection



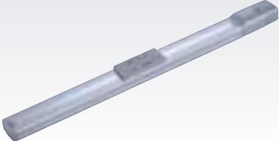
ER083 CYLINDER  
RCP3

## Recommended Models by Usage



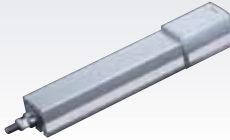
We have listed our typical models for each requirement.  
Please use it as a reference for making a selection.

For fast operation			
Model	RCL-SA6L	RCP2-BA7	RCP2-HS8C
Appearance			
Maximum Speed	1600mm/s	1500mm/s	1200mm/s
Maximum Acceleration/Deceleration	2.0G	0.5G	0.5G (*4)
Stroke	48 - 288mm (48mm increments)	600 - 1200mm (50mm increments)	50 - 800mm (*3) (50mm increments)
Load Capacity	Horizontal	2kg (*2)	1kg
	Vertical	(N/A)	2kg (*4)
See Page	P387	P53	P37

(\*1) Load capacity when operated at 2.0G. (\*2) Load capacity when operated at 1500mm/s. (\*3) Stroke range when operated at 1200mm/s. (\*4) Maximum acceleration for vertical motion is 0.2G.

For transporting heavy loads			
Model	RCS2-RA13R	RCP2-RA10C	RCS2-SS8C
Appearance			
Load Capacity	Horizontal	300kg (*4)	60kg
	Vertical	300kg	12kg
Maximum Speed	125mm/s	63mm/s	500mm/s(*5)
Maximum Acceleration/Deceleration	0.02G	0.01G	0.3G
Stroke	50 - 200mm (50mm increments)	50 - 300mm (50mm increments)	50 - 1000mm (*5) (50mm increments)
See Page	P247	P147	P109

(\*4) Load capacity when external guide is attached. (\*5) Maximum speed decreases with strokes over 650mm.

For press-fitting			
Model	RCS2-RA13R	RCP2-RA10C	RCP2-RA6C
Appearance			
Maximum Push Force	19600N	6000N	800N
Stroke	50 - 200mm (50mm increments)	50 - 300mm (50mm increments)	50 - 300mm (50mm increments)
See Page	P247	P147	P145

### For moving over a long distance

Model	RCP2-SS8C	RCP2-BA7	RCS2-SS8C
Appearance			
Stroke	50 - 1000mm (50mm increments)	600 - 1200mm (50mm increments)	50 - 1000mm (50mm increments)
Maximum Speed	515mm/s <sup>(*6)</sup>	1500mm/s	515mm/s <sup>(*8)</sup>
Maximum Acceleration/Deceleration	0.3G	0.5G	0.3G
Load Capacity	Horizontal: 10kg Vertical: 0.5kg	2kg <sup>(*7)</sup> (N/A)	20kg 4kg
See Page	P35	P53	P109

(\*6) Maximum speed for 1000mm stroke.

(\*7) Load capacity when operated at 1500mm/s.

(\*8) Maximum speed for 1000mm stroke.

### For small sizes

Model	RCP3-SA2AC	RCA2-RP3N	RCL-SA1L
Appearance			
Exterior Dimensions (W×H)	22mm×27mm	28mm×28mm	20mm×30mm
Stroke	25 - 100mm (25mm increments)	30mm	40mm
Maximum Speed	50mm/s	50mm/s	420mm/s
Maximum Acceleration/Deceleration	0.2G	0.2G	2.0G
Load Capacity	Horizontal: 1kg <sup>(*9)</sup> Vertical: (N/A)	1kg <sup>(*10)</sup> 0.5kg	0.15kg <sup>(*11)</sup> (N/A)
See Page	P3	P181	P373

(\*9) Load capacity when operated at 50mm/s.

(\*10) Load capacity when external guide is attached.

(\*11) Load capacity when operated at 2.0G.

### For best prices

Model	ERC2-SA6C	ERC2-RA6C	RCP3-SA3C
Appearance			
Standard Price	-	-	-
Stroke	50 - 600mm (50mm increments)	50 - 300mm (50mm increments)	50 - 300mm (50mm increments)
Maximum Speed	600mm/s	600mm/s	300mm/s
Maximum Acceleration/Deceleration	0.3G	0.3G	0.3G
Load Capacity	Horizontal: 6kg Vertical: 1.5kg	25kg 4.5kg	1kg 0.5kg
See Page	P55	P165	P7