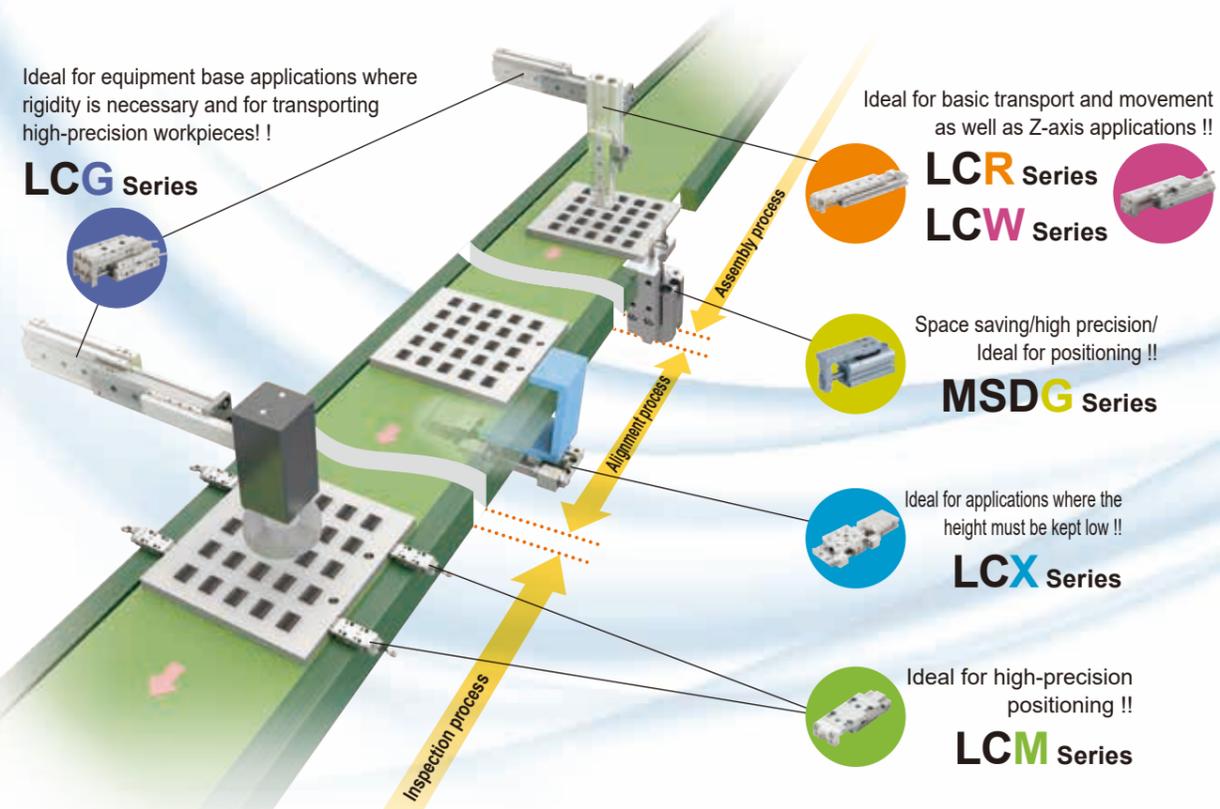


Linear Slide Cylinder

CKD's products, active in all applications including assembly



Ideal for equipment base applications where rigidity is necessary and for transporting high-precision workpieces!

LCG Series

Ideal for basic transport and movement as well as Z-axis applications !!

LCR Series LCW Series

Space saving/high precision/ Ideal for positioning !!

MSDG Series

Ideal for applications where the height must be kept low !!

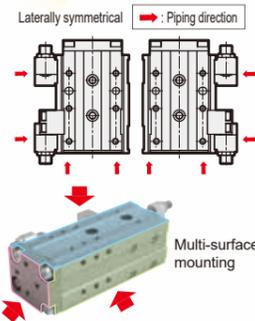
LCX Series

Ideal for high-precision positioning !!

LCM Series

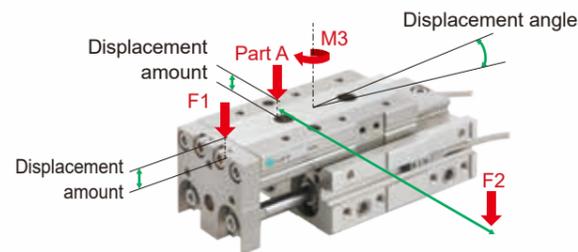
High design freedom

Achieves high design freedom with symmetrical design, multi-surface piping, multi-surface mounting, 2-color switch mountability, positioning equipment, etc.



Compactly arranged linear guide on cylinder

Achieves high-precision positioning by suppressing table displacement due to load.



Safety mechanism

●Buffer mechanism

Even if the drive unit and workpiece collide when the cylinder advances, the shock absorbing mechanism activates to protect the workpiece and cylinder. Demonstrates power in pick & place applications, etc.

●Drop prevention mechanism

Ensures the safety of the workpiece and cylinder in the event of a power outage or accident.

●Stopper mechanism

New Shock absorber SKL series adopted. Achieves high tact and smooth stopping.



Environmentally Compliant

●Clean specification

Model selection possible according to cleanroom cleanliness. (Excluding some models.)

●Anti-rust treatment (LCG)

Anti-rust treatment applied to the table surface and rail surface to reduce rust generation in high-humidity environments such as near ionizers.

●P4, P40 Compatible

Compatible with secondary battery processes by restricting materials used. (Excluding some parts) (Option)

and conveyance Linear Slide Series

Responds to various situations with a full lineup

Compact (compact specifications)

Compact (compact specifications)

LCM Series

Compact (compact specifications)

Variation	Bore size (mm)	Stroke (mm)	Option
Single rod Position locking	4.5 6 8	5 10 15 20	Stopper Switch
Clean-room specs Low speed	12 16 20	25 30 40 50	Buffer P4
Double piston system	25 32	75 100 125 150	

Double piston system (standard specifications)

Linear slide cylinder

LCR Series

All-round model for a variety of situations

Variation	Bore size (mm)	Stroke (mm)	Option
Single rod Position locking	4.5 6 8	5 10 15 20	Stopper Switch
Clean-room specs Low speed	12 16 20	25 30 40 50	Buffer P4
Double piston system	25 32	75 100 125 150	

High-spec (high-precision specifications)

Linear slide cylinder

LCG Series

High-performance model with an emphasis on high precision and high rigidity

Variation	Bore size (mm)	Stroke (mm)	Option
Single rod Position locking	4.5 6 8	5 10 15 20	Stopper Switch
Clean-room specs Low speed	12 16 20	25 30 40 50	Buffer P4
Double piston system	25 32	75 100 125 150	

Basic (simple specifications)

Linear slide cylinder

LCW Series

Model combines frequently used specs for simple model selection

Variation	Bore size (mm)	Stroke (mm)	Option
Single rod Position locking	4.5 6 8	5 10 15 20	Stopper Switch
Clean-room specs Low speed	12 16 20	25 30 40 50	Buffer P4
Double piston system	25 32	75 100 125 150	

Slim (low profile/unitized specs.)

Low profile linear slide cylinder

LCX Series

Low profile model perfect for narrow spaces

Variation	Bore size (mm)	Stroke (mm)	Option
Single rod Position locking	4.5 6 8	5 10 15 20	Stopper Switch
Clean-room specs Low speed	12 16 20	25 30 40 50	Buffer P4
Double piston system	25 32	75 100 125 150	

Compact (space saving specifications)

Compact cylinder with linear guide

MSDG Series

High-precision / High-rigidity model that saves space

Variation	Bore size (mm)	Stroke (mm)	Option
Single rod Position locking	4.5 6 8	5 10 15 20	Stopper Switch
Clean-room specs Low speed	12 16 20	25 30 40 50	Buffer P4
Double piston system	25 32	75 100 125 150	

With Linear Guide

LCM

LCR

LCG

LCW

LCX

MSDG

With Linear Guide

LCM

LCR

LCG

LCW

LCX

MSDG

Cylinder Switch

Ending

Cylinder Switch

Ending