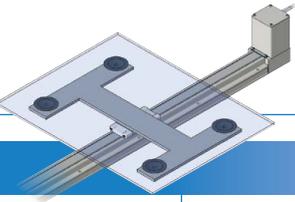


# A Wide Variety for Different Applications

## Electric Actuators *LE* Series

### Transfer

Load and unload  
transfer of workpieces



#### Slider Type

##### LEF Series **p. 22**

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)

AC Servo Motor (100/200/400 W)

Ball screw drive

Clean Room Specification

Secondary Battery Compatible

LEFS Series

Motorless Type

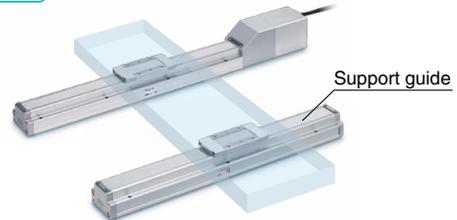


Belt drive  
**LEFB Series**

##### LEFG Series

**Support Guide**

Clean Room Specification



Support guide

##### LEJ Series

AC Servo Motor (100/200 W)

**p. 168**

Ball screw drive

Clean Room Specification

Secondary Battery Compatible

LEJS Series

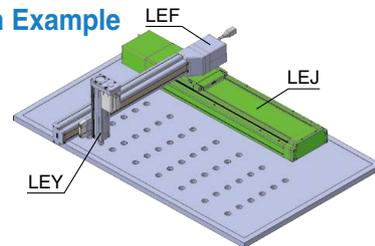
Motorless Type



Belt drive  
**LEJB Series**

#### Application Example

Pick and place

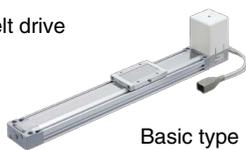


##### LEM Series

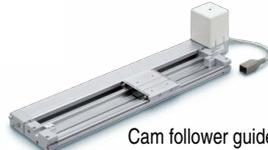
Step Motor (Servo/24 VDC)

**p. 236**

Belt drive



Basic type  
**LEMB Series**



Cam follower guide type  
**LEMC Series**

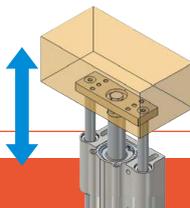


Linear guide single axis type  
**LEMH Series**



Linear guide double axis type  
**LEMHT Series**

### Lift Up/Push



#### Rod Type

##### LEY Series

Dust-tight/Water-jet-proof (IP65 Equivalent)

Secondary Battery Compatible

Motorless Type

**p. 290**

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)

AC Servo Motor (100/200/400 W)

Motor top mounting type

LEY Series



In-line motor type  
**LEY□ Series**



**LEY Series**

##### Guide Rod Type LEYG Series

**p. 290**

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)

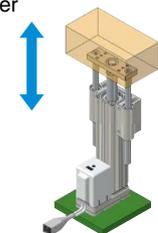
AC Servo Motor (100/200 W)

● Lateral end load: 5 times more

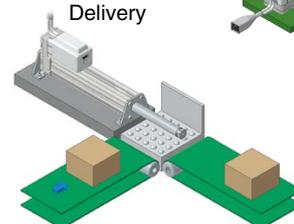


#### Application Examples

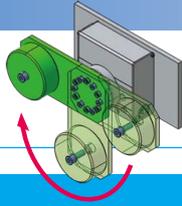
Lifter



Delivery



# Rotate



## Rotary Table

**LER Series** p. 510

Step Motor (Servo/24 VDC)

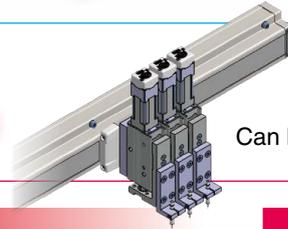
[Basic type] [High-precision type]



[Continuous rotation specification]  
Rotation angle: 360°



# Space Saving



Can be mounted with short pitch (LEP)

## Guide Rod Slider

**LEL Series** p. 216

Step Motor (Servo/24 VDC)

**Belt drive**

- Low-profile/Flat
- Height: 48 mm



## Miniature

**LEP Series** p. 480

Step Motor (Servo/24 VDC)

Rod type  
**LEPY Series**



Slide table type  
**LEPS Series**



## Slide Table

**Compact Type LES Series** p. 416

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)



Basic type  
**LES□R Series**

Symmetrical type  
**LES□L Series**

In-line motor type  
**LES□D Series**

**High Rigidity Type LESH Series** p. 416

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)



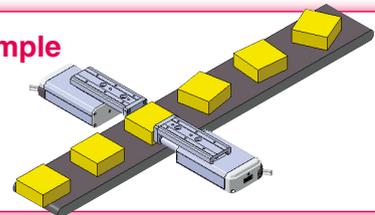
Basic type  
**LESH□R Series**

Symmetrical type  
**LESH□L Series**

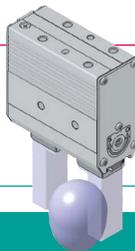
In-line motor type  
**LESH□D Series**

## Application Example

Positioning of pallets on a conveyor



# Grip



## Gripper

**LEH Series** Step Motor (Servo/24 VDC) p. 540

Z Type (2 fingers)  
**LEHZ Series**



ZJ Type (2 fingers)  
With dust cover  
**LEHZJ Series**



F Type (2 fingers)  
Long stroke  
**LEHF Series**



S Type (3 fingers)  
Can hold round workpieces  
**LEHS Series**



# Controllers/Drivers JXC□/LEC□ Series

## Controllers/Drivers

### Single Axis Controllers

Step Motor (Servo/24 VDC) **p. 684** Step Motor (Servo/24 VDC) **p. 684**

Servo Motor (24 VDC) **p. 684**

#### Step Data Input Type

##### JXC51/61 Series LECA6 Series

- 64 positioning points
- Input using teaching box or controller setting kit



#### Programless Type

##### LECP1 Series

- 14 positioning points
- Control panel setting (PC is not required.)



#### Programless Type (With Stroke Study)

##### LECP2 Series

- End to end operation similar to an air cylinder
- Positioning of 2 stroke end points + 12 intermediate points



#### Pulse Input Type

##### LECPA Series



Specialized for LEM series

Step Motor (Servo/24 VDC) **p. 684**

Fieldbus-compatible Network Controller/Gateway Unit **p. 684**

#### EtherCAT® Direct Input Type JXCE1 Series

EtherCAT®



#### EtherNet/IP™ Direct Input Type JXC91 Series

EtherNet/IP



#### PROFINET Direct Input Type JXCP1 Series

PROFINET



#### DeviceNet™ Direct Input Type JXCD1 Series

DeviceNet



#### IO-Link Direct Input Type JXCL1 Series

IO-Link



#### CC-Link Direct Input Type JXCM1 Series

CC-Link



#### LEC-G Series

CC-Link V2  
PROFINET  
BUS

DeviceNet  
EtherNet/IP



AC Servo Motor **p. 764**

#### Pulse Input Type

##### LECSA Series LECSB Series

- Absolute encoder (LECSB)
- Built-in positioning function (LECSA)



#### CC-Link Direct Input Type LECSC Series

CC-Link



#### SSCNET III Type LECSS Series

SSCNET III  
SERVO SYSTEM CONTROLLER NETWORK



#### Pulse Input Type/ Positioning Type LECSB-T Series



#### CC-Link Direct Input Type LECSC-T Series

CC-Link



#### Network card type LECSN-T Series

PROFINET  
EtherCAT  
EtherNet/IP



#### SSCNET III/H Type LECSS-T Series

SSCNET III/H  
SERVO SYSTEM CONTROLLER NETWORK



#### MECHATROLINK II Type LECYM Series

MECHATROLINK - II



#### MECHATROLINK III Type LECYU Series

MECHATROLINK - III



### Multi-Axis Controllers

Step Motor (Servo/24 VDC) **p. 684**

#### EtherNet/IP™ Direct Input Type

For 3 axes JXC92 Series



#### Parallel I/O/EtherNet/IP™ Direct Input Type

For 4 axes JXC73 Series  
JXC83 Series



JXC93 Series  
EtherNet/IP



# Card Motor *LAT3 Series* p. 940

The transportation, pushing, and length measurement systems have been miniaturized through the use of a linear motor.



## Application Examples

**Max. pushing force: 6 N**  
Pushing a probe pin/minature load

**Positioning repeatability:  $\pm 5 \mu\text{m}$**   
Lens focusing

**Measurement**  
Measures the size of the part and displays a numerical value using the multi-counter (manufactured by SMC).

**Max. operating frequency: 500 cpm**  
Rejection of non-conforming products, etc.

## Controller LATCA Series

Easy programming (Cycle time entry)  
Just input 3 parameters: **Positioning time,**  
**Target position, Load mass**

