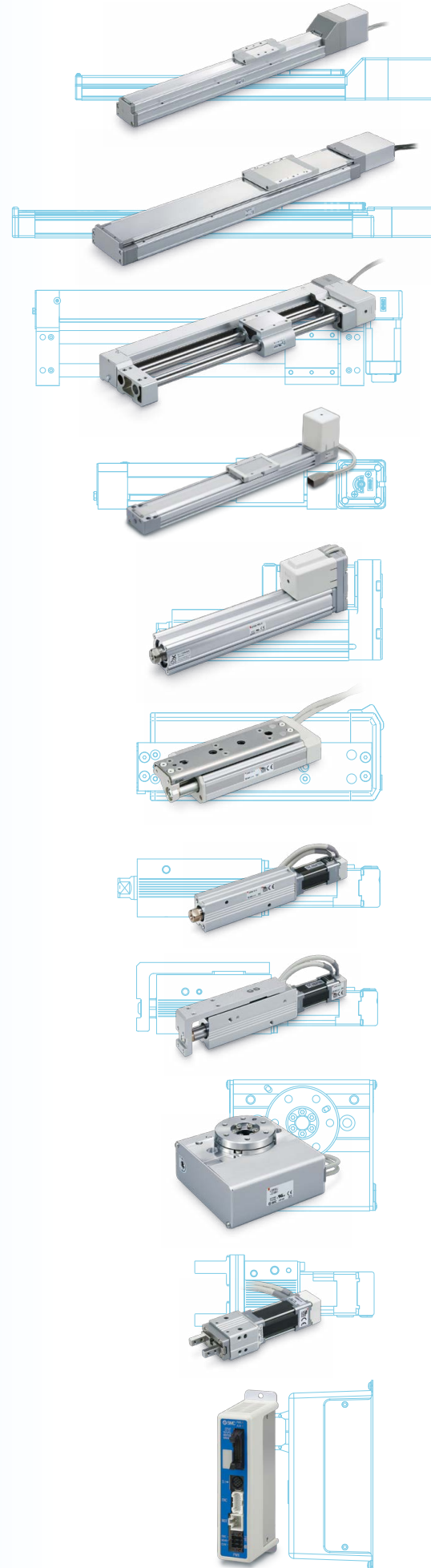


# Electric Actuators Controllers/Drivers



# Electric Actuators *New Variations*

## Battery-less Absolute Encoder Type *LE□ Series*

# Restart from the last stop position is possible.

## Easy operation restart after recovery of the power supply

The position information is held by the encoder even when the power supply is turned off. A return to origin operation is not necessary when the power supply is recovered.



### Step Motor Controller JXC Series

Battery-less absolute type (Step motor 24 VDC)

Applicable network/  
Control method

EtherCAT®

DeviceNet™

EtherNet/IP™

IO-Link

PROFINET®

CC-Link



JXC□1



CC-Link  
JXC□M1



Parallel I/O  
JXC□51/61

No battery is installed.

## Reduced maintenance

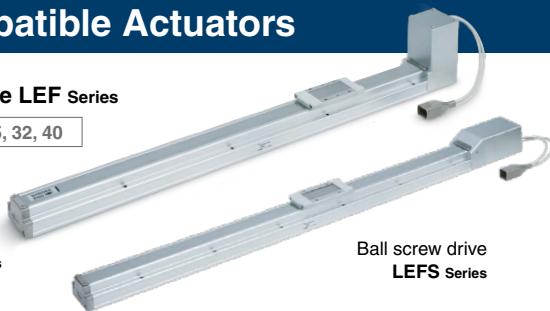
No battery is used to store the position information. There is no need to manage spare batteries or replacement maintenance.

## Compatible Actuators

### Slider Type LEF Series

Size 25, 32, 40

Belt drive  
LEFB Series



Ball screw drive  
LEFS Series

### Rod Type/Guide Rod Type

LEY/LEYG Series

Size 25, 32, 40



### Slide Table

LES Series

Size 25



Compact type LES Series



High rigidity type LESH Series

### Electric Gripper 2-Finger Type

LEHF Series

Size 32, 40



### Rotary Table

LER Series

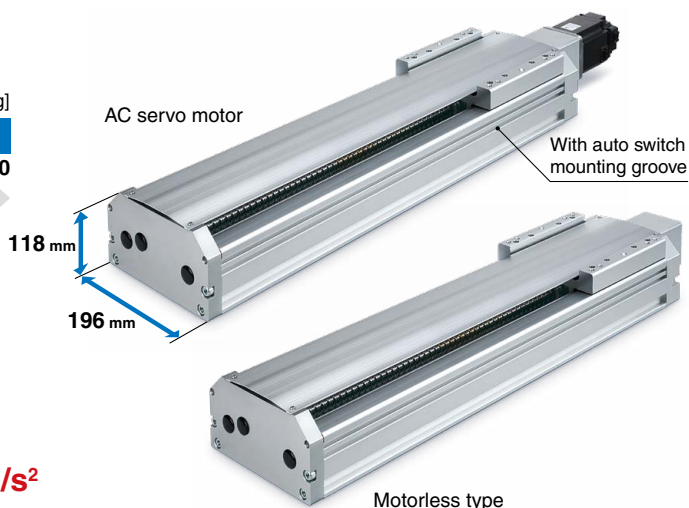
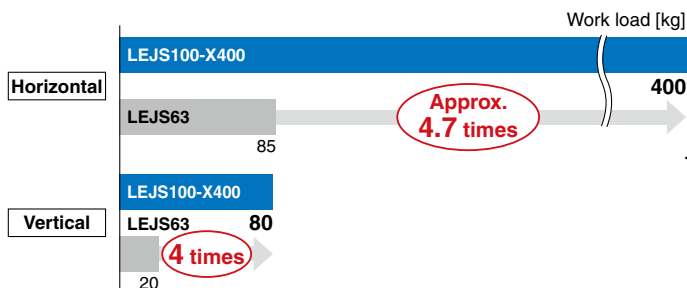
Size 50



## High Rigidity Slider Type *LEJS100-X400*

■ Supports **750 W** (Motor output)

■ Work load



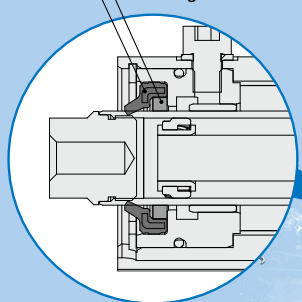
■ Speed: **2300 mm/s** (Horizontal/Vertical)

■ Max. acceleration/deceleration: **9800 mm/s<sup>2</sup>**

## Dust-tight/Water-jet-proof (IP65 equivalent/IP67 equivalent) *LEY-X7 Series*

Enclosure: IP65 equivalent/IP67 equivalent

**Scraper** **Lube-retainer**  
Retains grease oil film



**Grease supply holes**

**Aluminum cover**  
Protects the motor

**Seal connector**

Prevents dust and water droplets from entering between the cable and motor cover

**Tubing**

\* Order the tubing separately.

**Vent hole**

Reduces internal pressure fluctuations in order to prevent dust and water droplets from entering the device

\* Be sure to attach tubing.

**Mounting groove for auto switches**

Water-resistant type

For checking the limit and the intermediate signal

\* Order the water-resistant 2-color indicator solid state auto switch separately.



## High Precision Type *LESYH16-X171*

■ Positioning repeatability: **±0.01 mm** Due to the adoption of a ball screw drive

■ Lost motion: **0.1 mm** or less



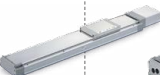

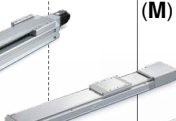
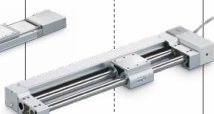
■ Increased vertical work load: **6 times**

**New** LESYH16 12 kg  
Existing model LESH16 2 kg

■ Battery-less absolute encoder compatible







# Electric Actuators Series Variations

Type		Slider											
Series	LEFS	LEFB			LEJS	LEJS-M	LEJS-X400	LEJB	LEL				
									Sliding (M)	Ball bushing (L)			
		Secondary Battery Compatible Clean Room Specification			Secondary Battery Compatible Clean Room Specification								
Drive method		Ball screw			Belt			Ball screw		Belt	Belt		
Max. speed*1 [mm/s]		1500			2000			1800	2300	3000	500	1000	
Positioning repeatability [mm]		±0.015	±0.01	±0.08	±0.06	±0.01		±0.04		±0.08			
Drive motor	Step motor	●		●						●	●		
	DC servo motor		●		●								
	AC servo motor		●		●	●	●	●	●				
Size	16	●	●		●	●							
	25	●	●	●	●	●	●			●	●		
	32	●		●	●								
	40	●		●		●	●		●				
	63								●	●			
	100							●					
Max. work load [kg] The values in parentheses are for when mounted vertically.	Size	16	15 (4)	10 (4)	1	1							
		25	30 (15)	18 (5)	20 (15)	10	2	5			3	5	
		32	50 (20)		45 (20)	19		15					
		40	65 (23)		60 (30)			25	55 (10)		20		
		63							85 (20)	85 (20)	30		
		100								400 (80)			
Max. pushing force [N]	Size	16											
		25											
		32											
		40											
		63											
Max. stroke [mm]		1200			2000			3000	1500	1790	1500	3000	1000
Compatible controller <b>p. 9, 10</b>	LECP6	●			●							●	●
	LECA6		●			●							
	LECP1	●			●							●	●
	LECP2												
	LECPA	●			●								
	LECPMJ	●			●							●	●
	JXCE/9/P/D/L	●			●							●	●
	JXC51/61												
	JXC73/83	●			●								
	JXC92	●			●								
	JXC93	●			●								
	LECSA			●			●	●	●		●		
	LECSB(-T)			●			●	●	●	(-T) only	●		
	LECSC(-T)			●			●	●	●		●		
	LECSS(-T)			●			●	●	●		●		
LECYM			●			●	●	●		●			
LECYU			●			●	●	●		●			

\*1 The numerical values vary depending on the controller/driver type, work load, speed, and specifications.  
For details, refer to the "Speed-work load graph (Guide)," "Dynamic allowable moment," and "Specifications" of each actuator.






					Rod							Type				
LEM					LEY			LEYG				Series				
Basic (B)	Cam follower guide (C)	Linear guide single axis (H)	Linear guide double axis (HT)	Step/DC servo motor	AC servo motor		Step/DC servo motor	AC servo motor								
Secondary Battery Compatible IP65 equivalent/IP67 equivalent					Secondary Battery Compatible IP65 equivalent/IP67 equivalent		Secondary Battery Compatible IP65 equivalent/IP67 equivalent									
Belt					Ball screw + Belt (In-line: Ball screw)	Ball screw + Belt	Ball screw	Ball screw + Belt (In-line: Ball screw)	Ball screw + Belt	Ball screw	Drive method			Max. speed*1 [mm/s]		
1000		2000			500	1200	1000	500	1200	1000						
±0.08					±0.02					±0.02					Positioning repeatability [mm]	
●					●					●					Step motor	
●					●					●					DC servo motor	
●					●					●					AC servo motor	
●					●					●					16	Size
●					●					●					25	
●					●					●					32	
●					●					●					40	
●					●					●					63	
●					●					●					100	
					35 (8)	12 (8)		35 (7.5)	12 (7.5)		16	Size	Max. work load [kg] The values in parentheses are for when mounted vertically.			
6	10	10	10	70 (30)	30 (12)	50 (30)	50 (30)	70 (29)	30 (11)	50 (29)	50 (29)			25		
11	20	20	20	80 (43)		60 (37)	60 (46)	80 (41)		60 (35)	60 (44)			32		
				90 (53)				90 (51)						40		
						200 (115)*1	80 (72)							63		
												100				
					141	111		141	141		16	Size	Max. pushing force [N]			
					452	130	485	485	452	452	485			485	25	
					707		588	736	707		588			736	32	
					1058				1058						40	
							3343*1	1910							63	
2000		1500			500	800		300			Max. stroke [mm]					
●					●					●					LECP6	Compatible controller p. 9, 10
●					●					●					LECA6	
●					●					●					LECP1	
●					●					●					LECP2	
●					●					●					LECPA	
●					●					●					LECPMJ	
●					●					●					JXCE/9/P/D/L	
●					●					●					JXC51/61	
●					●					●					JXC73/83	
●					●					●					JXC92	
●					●					●					JXC93	
●					●					●					LECSA	
●					●					●					LECSB(-T)	
●					●					●					LECS(-T)	
●					●					●					LECSS(-T)	
●					●					●					LECYM	
●					●					●					LECYU	

# Electric Actuators Series Variations

Type		Slide Table				Miniature	
Series	Compact type LES	High rigidity type LESH		Rod type LEPY	Table type LEPS		
							
Max. speed*1 [mm/s]		400		400		350	350
Positioning repeatability [mm]		±0.05		±0.05		±0.05	±0.05
Drive motor	Step motor	●		●		●	●
	DC servo motor		●		●		
Size	6					●	●
	8	●	●	●	●		
	10					●	●
	16	●	●	●	●		
	25	●	●	●	●		
Max. work load [kg] The values in parentheses are for when mounted vertically.	6					2 (0.5)	1 (0.5)
	8	1 (0.5)	1 (1)	2 (0.5)	2 (0.5)		
	10					6 (1.5)	2 (1.5)
	16	3 (3)	3 (3)	8 (2)	5 (2)		
	25	5 (5)	5 (4)	12 (4)	6 (2.5)		
Max. pushing force [N]	6					20	20
	8	15	11	15	11		
	10					50	50
	16	55	35	55	35		
	25	180	62	180	62		
Max. stroke [mm]		150		150		75	50
Compatible controller p. 9, 10	LECP6	●		●		●	●
	LECA6		●		●		
	LECP1	●		●		●	●
	LECPA	●		●		●	●
	LECPMJ	●		●		●	●
	JXCE/9/P/D/L	●		●		●	●
	JXC51/61						
	JXC73/83	●		●		●	●
	JXC92	●		●		●	●
JXC93	●		●		●	●	

\*1 The numerical values vary depending on the controller/driver type, work load, speed, and specifications.  
For details, refer to the "Speed-work load graph (Guide)," "Dynamic allowable moment," and "Specifications" of each actuator.

# Electric Actuators Series Variations

Type		Rotary Table	Gripper				
Series		LER	LEHZ	With dust cover LEHZJ	LEHF	LEHS	
			 (2 finger)	 <b>IP50 equivalent</b> (2 finger)	 (2 finger)	 (3 finger)	
Max. speed*1 [mm/s]		420 [° /s]	120 [mm/s]	100 [mm/s]	100 [mm/s]	120 [mm/s]	
Positioning repeatability		±0.05 [° ] (±0.03 [° ])*3	±0.05 (one side) [mm]	±0.05 (one side) [mm]	±0.1 (one side) [mm]	±0.05 (radius) [mm]	
Drive motor	Step motor	●	●	●	●	●	
	DC servo motor						
Size	10	●	●	●	●	●	
	16		●	●			
	20		●	●	●	●	
	25		●	●			
	30	●					
	32		●		●	●	
	40		●		●	●	
	50	●					
Max. moment of inertia [kg·m <sup>2</sup> ]	Size	10	0.004				
		30	0.035				
		50	0.13				
Max. rotating torque [N·m]	Size	10	0.32				
		30	1.2				
		50	10				
Rotation angle [° ]		310/320/ 360 (Continuous rotation)					
Max. gripping force [N]	Size	10		14	14	7	5.5
		16		14	14		
		20		40	40	28	22
		25		40	40		
		32		130		120	90
		40		210		180	130
Max. gripping stroke [mm]	Size	10		4	4	16 (32)*2	4
		16		6	6		
		20		10	10	24 (48)*2	6
		25		14	14		
		32		22		32 (64)*2	8
		40		30		40 (80)*2	12
Compatible controller <b>p. 9, 10</b>	LECP6	●	●	●	●	●	
	LECP1	●	●	●	●	●	
	LECPA	●	●	●	●	●	
	LECPMJ	●	●	●	●	●	
	JXCE/9/P/D/L	●	●	●	●	●	
	JXC51/61						
	JXC73/83	●	●	●	●	●	
	JXC92	●	●	●	●	●	
JXC93	●	●	●	●	●		

\*1 The numerical values vary depending on the controller/driver type, work load, speed, and specifications.




For details, refer to the "Characteristics graph" and "Specifications" of each actuator.

\*2 The values in parentheses are for the long stroke type.

\*3 The values in parentheses are for the table accuracy of the high-precision type.

# Battery-less Absolute Encoder Type

## Electric Actuators Series Variations



Type		Slider		Rod		Slide Table		
Series		LEFS	LEFB	LEY	LEYG	Compact type LES	High rigidity type LESH	High precision type LESYH16-X171
								
Drive method		Ball screw	Belt	Ball screw + Belt (In-line: Ball screw)	Ball screw + Belt (In-line: Ball screw)	—	—	Ball screw
Max. speed*1 [mm/s]		1200	1500	500	500	400	400	400
Positioning repeatability [mm]		±0.015	±0.08	±0.02	±0.02	±0.05	±0.05	±0.01
Drive motor	Step motor	●	●	●	●	●	●	●
Size	16							●
	25	●	●	●	●	●	●	
	32	●	●	●	●			
	40	●		●	●			
Max. work load [kg] The values in parentheses are for when mounted vertically.	Size	16						8 (12)
		25	30 (15)	10	70 (30)	70 (29)	5 (5)	12 (4)
		32	50 (20)	19	80 (43)	80 (41)		
		40	65 (23)		90 (53)	90 (51)		
Max. pushing force [N]	Size	16						252
		25			452	452	180	180
		32			707	707		
		40			1058	1058		
Max. stroke [mm]		1200	2000	500	300	150	150	100
Compatible controller p. 9, 10	JXC51/61	Parallel I/O	●	●	●	●	●	●
	JXCE1	EtherCAT	●	●	●	●	●	●
	JXC91	EtherNet/IP	●	●	●	●	●	●
	JXCP1	PROFINET	●	●	●	●	●	●
	JXCD1	DeviceNet	●	●	●	●	●	●
	JXCL1	IO-Link	●	●	●	●	●	●
	JXCM1	CC-Link	●	●	●	●	●	●

\*1 The numerical values vary depending on the controller/driver type, work load, speed, and specifications.  
For details, refer to the "Speed-work load graph (Guide)," "Dynamic allowable moment," and "Specifications" of each actuator.



# Battery-less Absolute Encoder Type

## Electric Actuators Series Variations

Type			Rotary Table	Gripper
Series			LER 	LEHF 
Max. speed*1			420 [° /s]	100 [mm/s]
Positioning repeatability			±0.05 [° ] (±0.03 [° ])*3	±0.1 (one side) [mm]
Drive motor	Step motor		●	●
Size	32			●
	40			●
	50		●	
Max. moment of inertia [kg·m <sup>2</sup> ]	Size	50	0.13	
Max. rotating torque [N·m]	Size	50	10	
Rotation angle [° ]			320	
Max. gripping force [N]	Size	32		120
		40		180
Max. gripping stroke [mm]	Size	32		32 (64)*2
		40		40 (80)*2
Compatible controller p. 9, 10	JXC51/61	Parallel I/O	●	●
	JXCE1	EtherCAT	●	●
	JXC91	EtherNet/IP	●	●
	JXCP1	PROFINET	●	●
	JXCD1	DeviceNet	●	●
	JXCL1	IO-Link	●	●
	JXCM1	CC-Link	●	●











\*1 The numerical values vary depending on the controller/driver type, work load, speed, and specifications. For details, refer to the "Speed-work load graph (Guide)," "Dynamic allowable moment," and "Specifications" of each actuator.


\*2 The values in parentheses are for the long stroke type.

\*3 The values in parentheses are for the table accuracy of the high-precision type.

# Controllers/Drivers

## Series Variations

Series												
Drive motor	Step motor	●		●	●	●	●	●	●	●	●	●
	DC servo motor		●									
	AC servo motor											
Encoder	Incremental	●	●	●	●	●	●	●			●	●
	Absolute								●	●		
Control method	Parallel I/O	64 points	64 points	14 points	14 points					64 points		2048 points
	Pulse					●						
	Numeric parameter (Serial communication)						●	●			●	
Function	Multi-axis control										3 axes	4 axes
	Applicable network						CC-Link Ver1.10	EtherCAT EtherNet/IP™ PROFINET DeviceNet™ IO-Link	EtherCAT EtherNet/IP™ PROFINET DeviceNet™ IO-Link CC-Link		EtherNet/IP™	
	PC Setting Graph/Monitor	●	●			●	●	●	●	●	●	●
	Stroke study				●							
CE marking (EMC directive)		●	●	●	●	●		●	●	●	●	●
CE marking (RoHS directive)		●	●	●	●	●		●	●	●	●	●
UL		●	●	●	●	●		●	●	●		
Compatible actuator	LEFS	●	●	●		●	●	●	●	●	●	●
	LEFB	●	●	●		●	●	●	●	●	●	●
	LEJS											
	LEJB											
	LEL25M	●		●			●	●				
	LEL25L	●		●			●	●				
	LEMB	●		●	●		●	●				
	LEMC	●		●	●		●	●				
	LEMH	●		●	●		●	●				
	LEMHT	●		●	●		●	●				
	LEY	●	●	●		●	●	●	●	●	●	●
	LEY□D	●	●	●		●	●	●	●	●	●	●
	LEYG	●	●	●		●	●	●	●	●	●	●
	LEYG□D	●	●	●		●	●	●	●	●	●	●
	LES	●	●	●		●	●	●	●	●	●	●
	LESH	●	●	●		●	●	●	●	●	●	●
	LEPY	●		●		●	●	●			●	●
	LEPS	●		●		●	●	●			●	●
	LER	●		●		●	●	●	●	●	●	●
	LERH	●		●		●	●	●	●	●	●	●
LEHZ	●		●		●	●	●			●	●	
LEHZJ	●		●		●	●	●			●	●	
LEHF	●		●		●	●	●	●	●	●	●	
LEHS	●		●		●	●	●	●		●	●	

											Series	
	●										Step motor	Drive motor
											DC servo motor	
		●	●	●	●	●	●	●	●	●	AC servo motor	
	●	●									Incremental	Encoder
			●	●	●	●	●	●	●	●	Absolute	
		7 points		255 points	255 points	255 points					Parallel I/O	Control method
		●	●	●							Pulse	
	●				●	●	●	●	●	●	Numeric parameter (Serial communication)	
	4 axes										Multi-axis control	Function
	EtherNet/IP™				CC-Link Ver1.10	CC-Link Ver1.10	SSCNET III	SSCNET III/H	MECHATRO LINK- II	MECHATRO LINK- III	Applicable network	
	●	●	●	●	●	●	●	●	●	●	PC Setting Graph/Monitor	
											Stroke study	
	●	●	●	●	●	●	●	●	●	●	CE marking (EMC directive)	
	●	●	●	●	●	●	●	●	●	●	CE marking (RoHS directive)	
								●			UL	
	●	●	●	●	●	●	●	●	●	●	LEFS	Compatible actuator
	●	●	●	●	●	●	●	●	●	●	LEFB	
		●	●	●	●	●	●	●	●	●	LEJS	
		●	●	●	●	●	●	●	●	●	LEJB	
											LEL25M	
											LEL25L	
											LEMB	
											LEMC	
											LEMH	
											LEMHT	
	●	●	●	●	●	●	●	●	●	●	LEY	
	●	●	●	●	●	●	●	●	●	●	LEY□D	
	●	●	●	●	●	●	●	●	●	●	LEYG	
	●	●	●	●	●	●	●	●	●	●	LEYG□D	
	●										LES	
	●										LESH	
	●										LEPY	
	●										LEPS	
	●										LER	
	●										LERH	
	●										LEHZ	
	●										LEHZJ	
	●										LEHF	
	●										LEHS	

■ Trademark

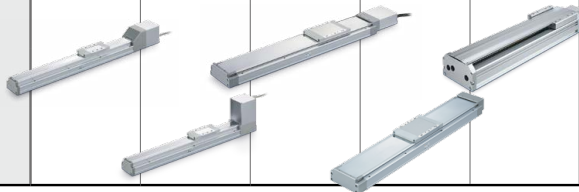
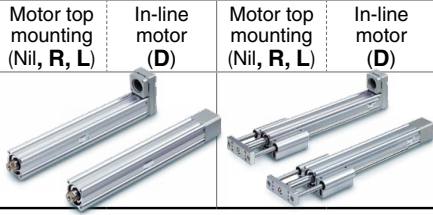
EtherNet/IP™ is a trademark of ODVA.

DeviceNet™ is a trademark of ODVA.

EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

# Motorless Type

## Electric Actuators Series Variations

Type		Slider					Rod				
		LEFS	LEFB	LEJS	LEJS-M	LEJS-X400	LEY		LEYG		
Series											
Control method		Ball screw	Belt	Ball screw	Ball screw	Ball screw	Ball screw + Belt	Ball screw	Ball screw + Belt	Ball screw	
Max. speed*1 [mm/s]		1500	2000	1800	1800	2300	1200	1000	1200	1000	
Positioning repeatability [mm]		±0.01	±0.06	±0.01	±0.01	±0.01	±0.02		±0.02		
Size		25	●	●			●	●	●	●	
		32	●	●			●	●	●	●	
		40	●	●	●						
		63			●	●		●	●		
		100					●				
Max. work load [kg] The values in parentheses are for when mounted vertically.	Size	25	20 (15)	5			50 (30)	50 (30)	50 (29)	50 (29)	
		32	45 (20)	15			60 (37)	60 (46)	60 (35)	60 (44)	
		40	60 (30)	25	55 (10)						
		63			85 (20)	85 (20)	200 (115)*1	80 (72)			
		100					400 (80)				
Max. pushing force [N]	Size	25					485	485	485	485	
		32					588	736	588	736	
		40									
		63					3343*1	1910			
Max. stroke [mm]		1200	3000	1500	1790	1500	500	800	300	300	
Reference motor specifications	Motor shape [mm]	□40/□60	□40/□60	□40/□60	□40/□60	□80	□40/□60		□40/□60		
	Rated output capacity [W]	100 to 400	100 to 400	100 to 200	100 to 200	750	100 to 400		100 to 200		
	Rated rotation [rpm]	3000	3000	3000	3000	3000	3000		3000		
Compatible motors by manufacturer*2	Mitsubishi Electric Corporation	●	●	●	●	●	●	●	●	●	
	YASKAWA Electric Corporation	●	●	●	●		●	●	●	●	
	SANYO DENKI CO., LTD.	●	●	●	●		●	●	●	●	
	OMRON Corporation	●	●	●	●		●	●	●	●	
	Panasonic Corporation	●	●	●	●		●	●	●	●	
	FANUC CORPORATION	●	●	●	●		●	●	●	●	
	NIDEC SANKYO CORPORATION	●	●	●	●		●	●	●	●	
	KEYENCE CORPORATION	●	●	●	●		●	●	●	●	
	FUJI ELECTRIC CO., LTD.	●	●	●	●		●	●	●	●	
	MinebeaMitsumi Inc.	●	●				●	●	●	●	
	Shinano Kenshi Co., Ltd.	●	●				●	●	●	●	
	ORIENTAL MOTOR Co., Ltd.	●	●				●	●	●	●	
	FASTECH Co.,Ltd.	●	●				●	●	●	●	
	Rockwell Automation, Inc.	●	●	●	●		●	●	●	●	
	Beckhoff Automation GmbH	●	●	●	●		●	●	●	●	
Siemens AG	●	●	●	●		●	●	●	●		
Delta Electronics, Inc.	●	●	●	●		●	●	●	●		

\*1 The numerical values vary depending on the controller/driver type, work load, speed, and specifications.

For details, refer to the "Speed-work load graph (Guide)," "Dynamic allowable moment," and "Specifications" of each actuator.

\*2 Refer to the **Web Catalog** for applicable motor models.

## Secondary Battery Compatible 25A- Series

**Copper (Cu) and zinc (Zn) free**\*1

\*1 Excludes motors, cables, controllers/drivers

**Compatible with dew points as low as  $-70^{\circ}\text{C}$**

• Uses grease compatible with low dew points

### Compatible Series

**Slider Type/  
Ball Screw Drive  
25A-LEFS Series**

Step Motor (Servo/24 VDC)

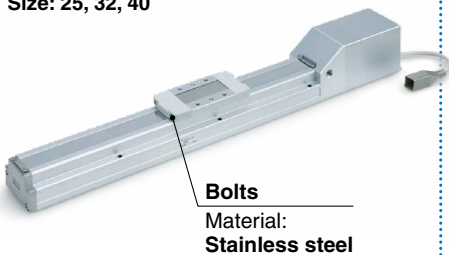
Size: 16, 25, 32, 40

Servo Motor (24 VDC)

Size: 16, 25

AC Servo Motor

Size: 25, 32, 40

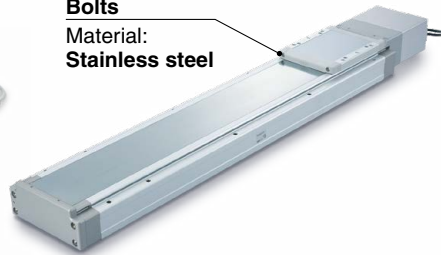


**High Rigidity Slider Type/  
Ball Screw Drive  
25A-LEJS Series**

AC Servo Motor

Size: 40, 63

**Bolts**  
Material: Stainless steel



**Rod Type  
25A-LEY Series**

Step Motor (Servo/24 VDC)

Size: 16, 25, 32, 40

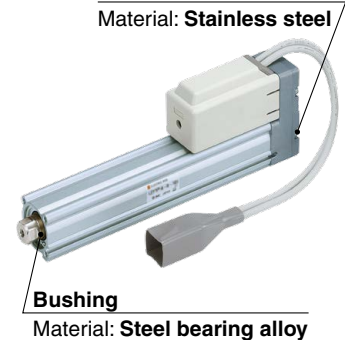
Servo Motor (24 VDC)

Size: 16, 25

AC Servo Motor

Size: 25, 32

**Bolts**  
Material: Stainless steel



\*1 Copper and zinc materials are used for the motors, cables, controllers/drivers.

## Clean Room Specification 11- Series

**ISO Class 4**\*2 (ISO 14644-1)

- Built-in vacuum piping
- It is possible to mount the main body without removing the external cover, etc.
- Body-integrated linear guide specification

\*2 Changes depending on the suction flow rate

### Compatible Series

**Slider Type  
Ball Screw Drive/11-LEFS Series**

Step Motor (Servo/24 VDC)

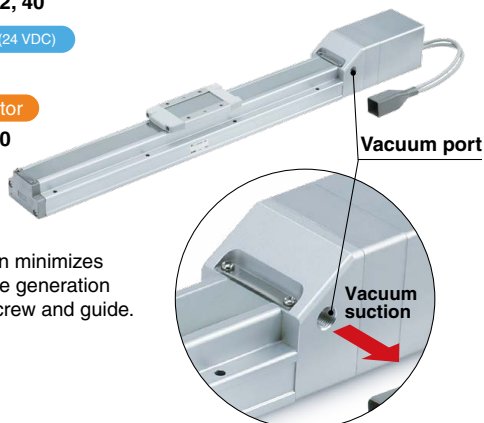
Size: 16, 25, 32, 40

Servo Motor (24 VDC)

Size: 16, 25

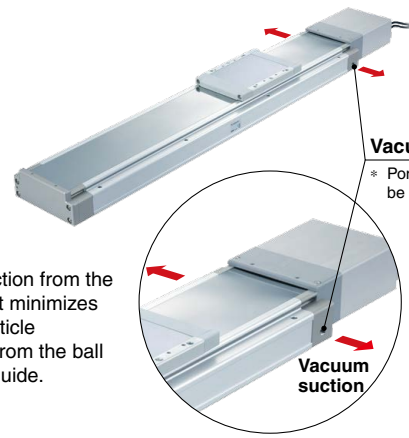
AC Servo Motor

Size: 25, 32, 40



**High Rigidity Slider Type  
Ball Screw Drive/11-LEJS Series**

AC Servo Motor



# Blank Controller

Various types of actuators can be supported by a single controller

## What is a blank controller?

Generally, any controller that comes with an actuator, or any controller for which the actuator is specified, will be shipped with the data of the specified actuator already installed. On the other hand, a blank controller is a controller which comes with no specified actuator data pre-installed. The customer can write the data of the actuators themselves.

LEC□-BC Series

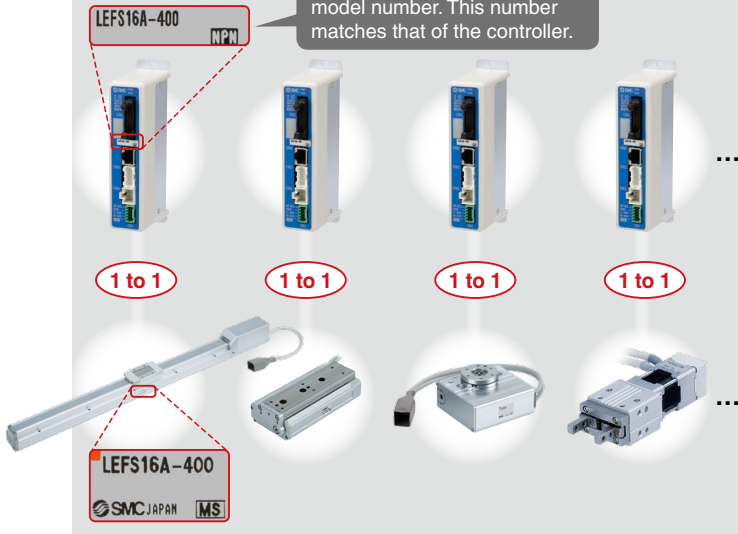
JXC□1-BC Series

## When purchasing controllers that come with actuators

Each actuator requires its own controller.

Large quantity in stock

Check the actuator label for the model number. This number matches that of the controller.



## When purchasing blank controllers

There's no need to stock a controller for each actuator.\*1

Small quantity in stock



\*1 For purchasing a controller whose model number's suffix is "BC" (for identifying the blank controller) only

## Made to Order

With Input Signals to Perform Jog Operations

### Step Motor Controller LECP1-XB182

■ Jog operation can be performed using parallel input signals.

Jog operations that could previously only be performed using the button on the front face can now be performed using the ON/OFF status of the input signal.

\* Input signals "JOG+" and "JOG-" are used as motion instructions.



### Step Motor Controller with Step Data Teaching Function LECP6-XB120

■ Neither a PC nor a teaching box is required for adjusting the position of step data.

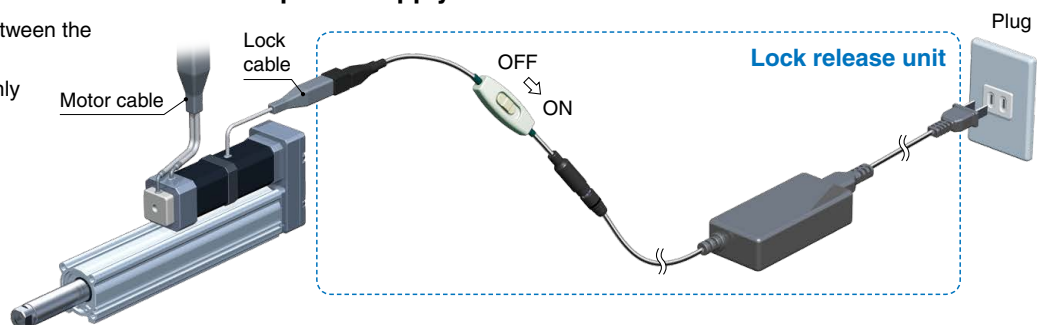
■ With a JOG function for parallel input signals



## Lock Release Unit/Electric Actuator **With Lock** For the LE□ Series

■ Lock release is only possible with 100 VAC power supply.

- Wiring is **not required** between the actuator and the controller.
- For 100 VAC power supply only



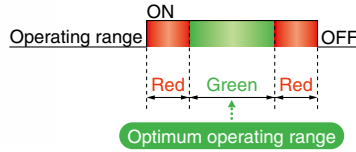
# With Auto Switch (For checking the limit and the intermediate signal)

## 2-Color Indicator Solid State Auto Switch

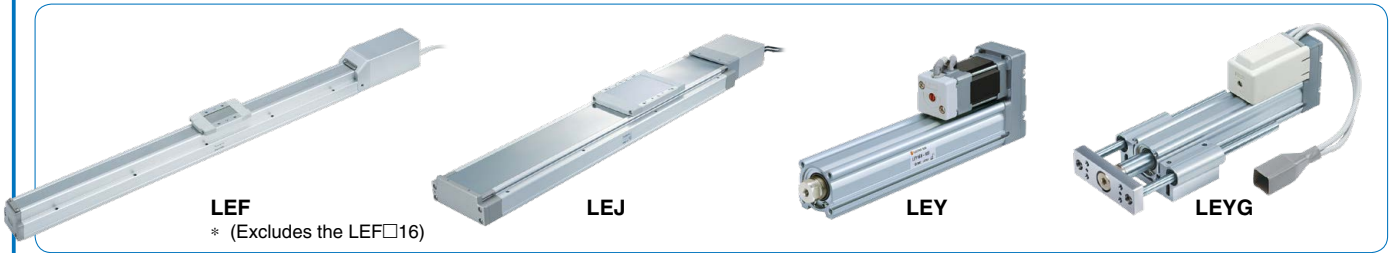
D-M9□W (2-color indicator), D-M9□, D-M9□E (B contact type)

Appropriate setting of the mounting position can be performed without mistakes.

A **green** light lights up at the optimum operating range.



### Compatible Series

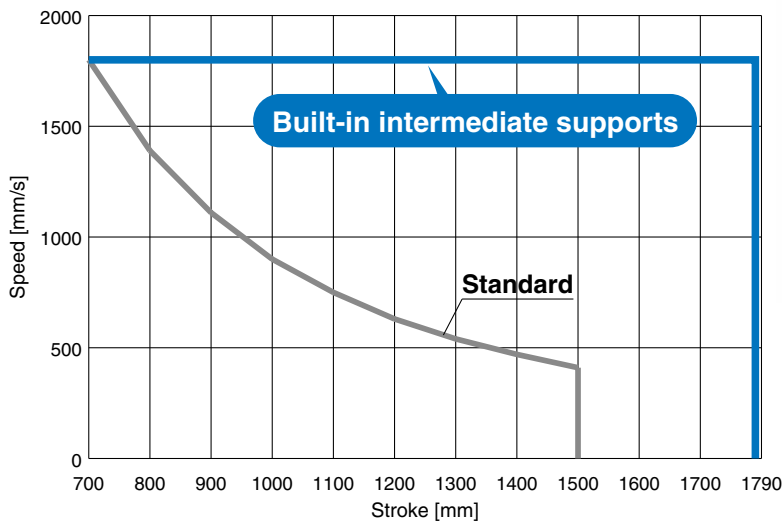


## Built-in Intermediate Supports

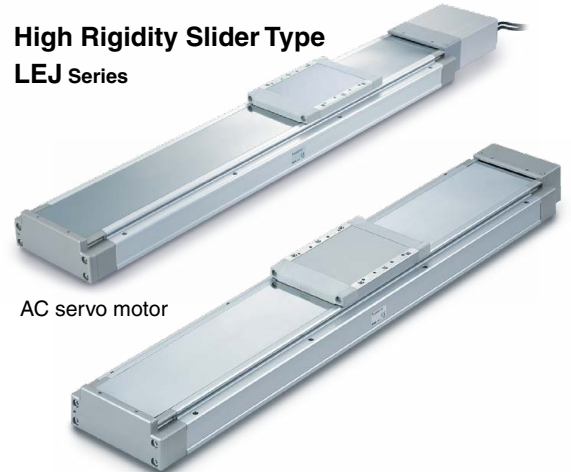
AC Servo Motor

Motorless

- A maximum speed of 1,800 mm/s\*<sup>1</sup> has been achieved throughout the entire stroke!



High Rigidity Slider Type  
LEJ Series



Motorless type

\*1 For the 30 mm lead

## Support Guide

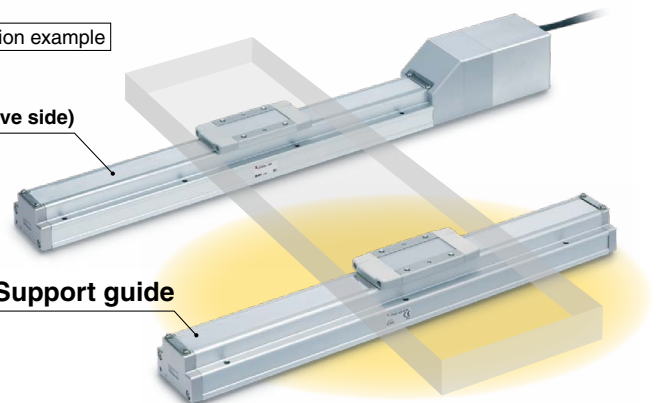
The support guide was designed to support workpieces with significant overhang.

- As the dimensions are the same as the LEF series body, installation is simple and contributes to a reduction in installation and assembly labor.
- The standard-equipped seal bands prevent grease from splashing and external foreign matter from entering.

Application example

LEF (Drive side)

Support guide



LEFG Series

## Card Motor *LAT3 Series*

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

- **Max. pushing force 6 N**  
Pushing a miniature load
  - **Positioning repeatability  $\pm 5 \mu\text{m}$**   
Positioning a workpiece
  - **Pushing measurement accuracy  $\pm 10 \mu\text{m}$**   
Parts measurement
  - Load mass: 100 g, Stroke: 5 mm
- Max. operating frequency 500 cpm**  
Rejection of non-conforming products etc.

**Weight**

**130 g**

Stroke: 10 mm

