

Electric Actuators

Slider Type/Rod Type/Guide Rod Type/
Slide Tables/Rotary Table

Compatible with Manifold Controller

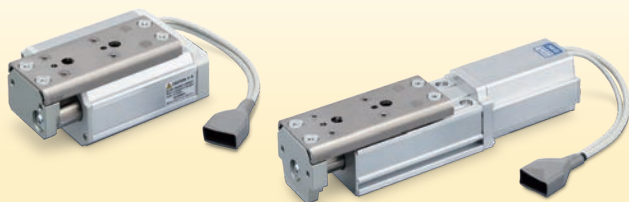
Battery-less Absolute (Step Motor 24 VDC)

New

Slide Table/Compact Type

Size: 16, 25

LE2S□H Series

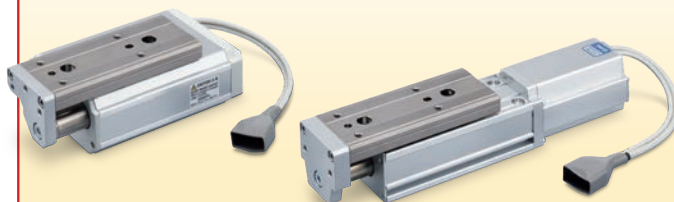


New

Slide Table/High Rigidity Type

Size: 16, 25

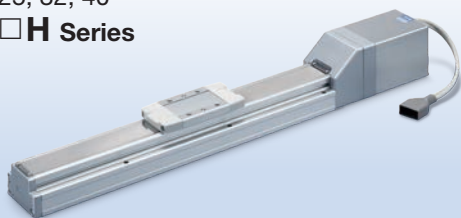
LE2SH□H Series



Slider Type/Ball Screw Drive

Size: 16, 25, 32, 40

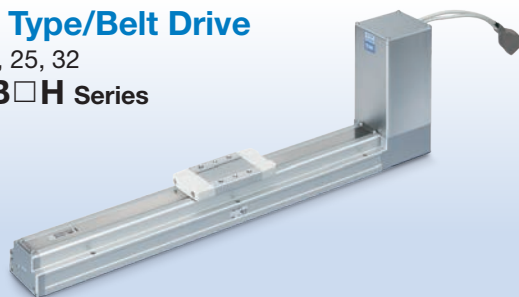
LE2FS□H Series



Slider Type/Belt Drive

Size: 16, 25, 32

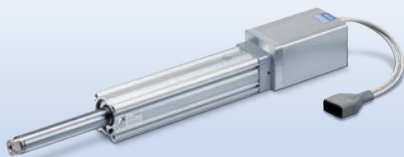
LE2FB□H Series



Rod Type

Size: 16, 25, 32

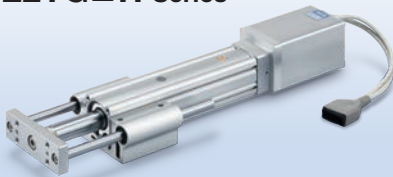
LE2Y□H Series



Guide Rod Type

Size: 16, 25, 32

LE2YG□H Series



Rotary Table

Size: 30, 50

LE2R□H Series



Annual CO₂ emissions:

Max. **38%** reduction

(SMC comparison)

8.7 kg-CO₂e/year (14.1)

* The numerical values vary depending on the operating conditions.

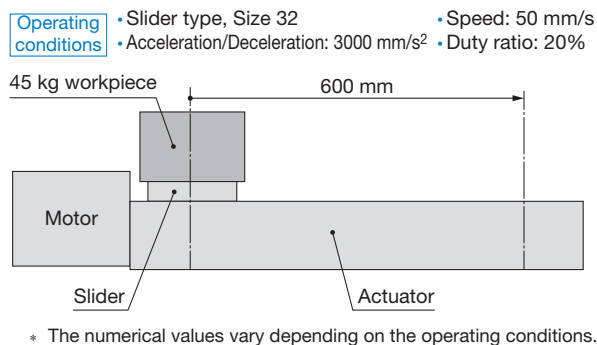
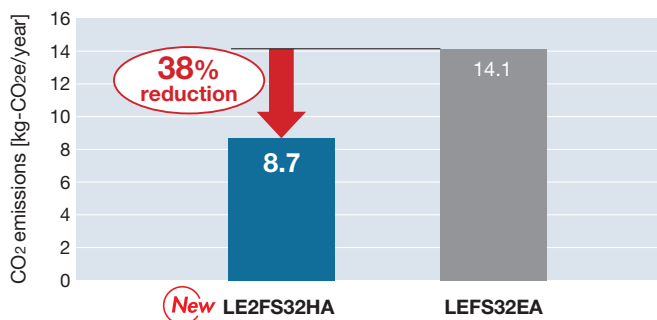
Manifold Controller

Up to **16 axes** can be connected

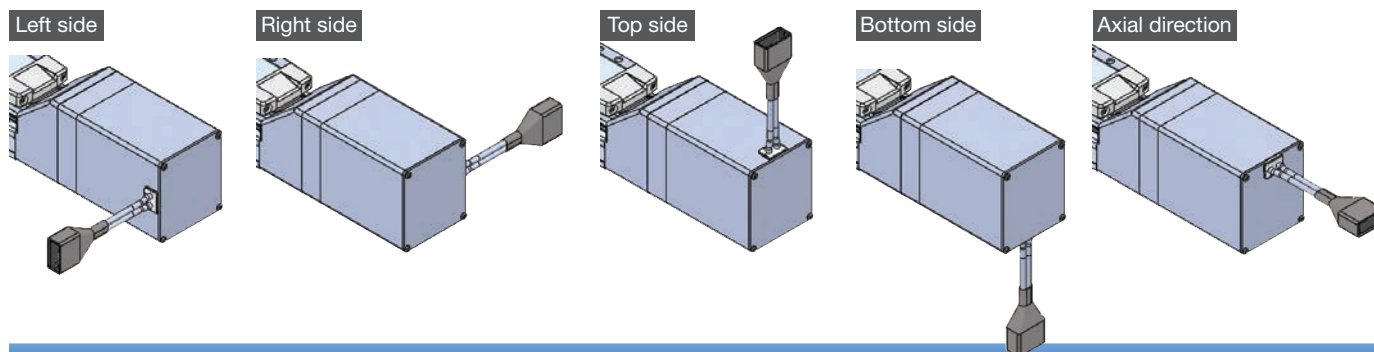


LE2F□□H/LE2Y(G)□H
LE2S(H)□H/LE2R□H Series

Annual CO₂ emissions reduced by up to 38% through motor control optimization (SMC comparison)



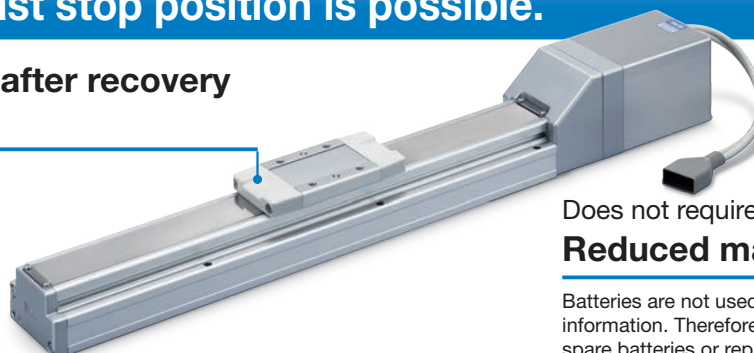
Select from 5 cable entry directions



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.



Does not require the use of batteries.
Reduced maintenance

Batteries are not used to store the position information. Therefore, there is no need to store spare batteries or replace dead batteries.

Detection of table stop position by means of an auto switch is possible.

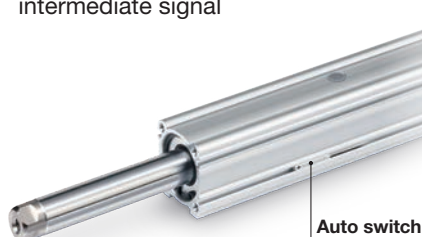
For the slider type

Allows for position detection of the table throughout the stroke

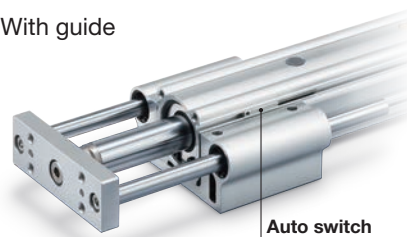


For the rod type

For checking the limit and the intermediate signal



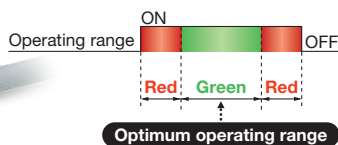
With guide



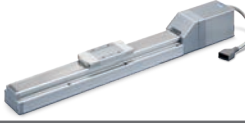
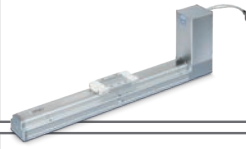


2-color indicator solid state auto switch (D-M9□ series)

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

A **green** light lights up when within the optimum operating range.





Variations


Type		Slider Type		Rod Type	Guide Rod Type
Series		LE2FS□H	LE2FB□H	LE2Y□H	LE2YG□H
					
Actuation type		In-line: Ball screw Parallel: Ball screw + Belt	Belt	In-line: Ball screw Parallel: Ball screw + Belt	Ball screw + Belt (LE2YG□□H), Ball screw (LE2YG□□DH)
Max. speed*1 [mm/s]		1200	1700	900	900
Positioning repeatability [mm]		±0.015 (Lead H for size 25/32/40: ±0.02)	±0.08	±0.02	±0.02
Drive motor	Battery-less absolute (Step motor 24 VDC)	●	●	●	●
Power supply		24 VDC ±10%			
Operation mode		Positioning operation Pushing*2			
Size	16	●	●	●	●
	25	●	●	●	●
	32	●	●	●	●
	40	●	—	—	—
Max. work load [kg] The values in parentheses are for when mounted vertically.	16	18 (12)	1	40 (10)	40 (10)
	25	40 (15)	10	70 (30)	70 (29)
	32	68 (20)	19	100 (46)	100 (44)
	40	80 (40)	—	—	—
Max. pushing force [N]	16	154	—	154	154
	25	511	—	511	511
	32	796	—	796	796
	40	637	—	—	—
Max. stroke [mm]		1200	2600	500	300
Auto switch mounting		●	●*3	●	●

*1 The numerical values vary depending on the actuator type, work load, speed, and specifications. Please contact SMC for further details.

*2 Excludes LE2FB□H

*3 Excludes size 16

Type		New Slide Tables	
Series		LE2S□H	LE2SH□H
			
Actuation type		Slide screw + Belt (R/L type), Slide screw (D type)	
Max. speed [mm/s]		550	450
Positioning repeatability [mm]	Basic type	±0.05	
Drive motor	Battery-less absolute (Step motor 24 VDC)	●	
Power supply		24 VDC ±10%	
Size	16	●	●
	25	●	●
Max. work load [kg] The values in parentheses are for when mounted vertically.	16	3 (3)	8 (2)
	25	5 (5)	12 (4)
Max. pushing force [N]	16	84	84
	25	189	189
Max. stroke [mm]		150	150

Type		Rotary Table	
Series		LE2R□H	
			
Actuation type		Special worm gear + Belt drive	
Rotation angle [°]		320 180, 90 (With external stopper)	
Positioning repeatability [°]	Basic type	±0.05	
	High-precision type	±0.03	
Drive motor	Battery-less absolute (Step motor 24 VDC)	●	
Power supply		24 VDC ±10%	
Size	30	●	●
	50	●	●
Max. rotating torque [N·m]	30	High torque	2.5
		Basic	1.7
	50	High torque	13.9
		Basic	8.7
Max. pushing torque [N·m]	30	High torque	2.5
		Basic	1.7
	50	High torque	6.9
		Basic	4.3

System Construction

