

Series Compatible with Secondary Batteries Electric Actuators



Step Motor (Servo/24 VDC) Servo Motor (24 VDC) AC Servo Motor

Copper (Cu) and Zinc (Zn) Free*

* Except motors, cables, controllers/drivers

Compatible with a low dew point -70°C

• Using grease compatible with a low dew point

Series Variations

Slider Type/Ball Screw Drive 25A-LEFS

Step Motor (Servo/24 VDC) Servo Motor (24 VDC) AC Servo Motor

Bolts

Material: Stainless steel



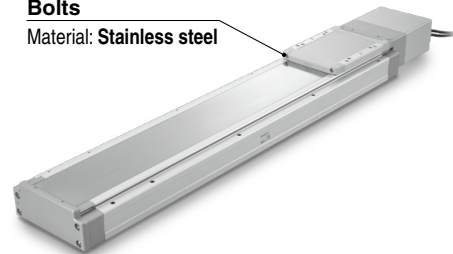
Size	16	25	32	40
Motor type				
Step motor (Servo/24 VDC)	●	●	●	●
Servo motor (24 VDC)	●	●		
AC servo motor		●	●	●

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

AC Servo Motor

Bolts

Material: Stainless steel



Size	40	63
Motor type		
AC servo motor	●	●

Rod Type 25A-LEY

Step Motor (Servo/24 VDC) Servo Motor (24 VDC)

Bushing

Material: Steel bearing alloy



Size	16	25	32	40
Motor type				
Step motor (Servo/24 VDC)	●	●	●	●
Servo motor (24 VDC)	●	●		

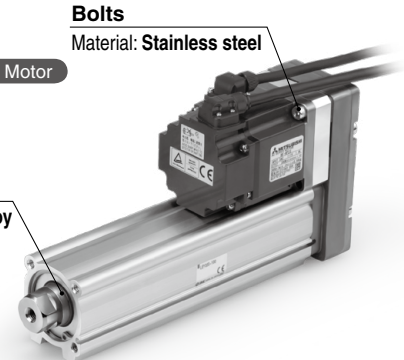
Bolts

Material: Stainless steel

AC Servo Motor

Bushing

Material: Steel bearing alloy



Size	25	32
Motor type		
AC servo motor	●	●

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

Note) Except AC servo motor

Series 25A-LEFS/LEJS/LEY



13-E608

Electric Actuator/Slider Type Ball Screw Drive

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)

Series 25A-LEFS

LEFS16, 25, 32, 40



How to Order

25A-LEFS 25 R B - 200 - S 1 6N 1

Series compatible with secondary batteries

1 2 3 4 5 6 7 8 9 10 11

1 Size

16
25
32
40

2 Motor mounting position

Nil	In-line
R	Right side parallel
L	Left side parallel

3 Motor type

Symbol	Type	Applicable size				Compatible controllers/driver
		LEFS16	LEFS25	LEFS32	LEFS40	
Nil	Step motor (Servo/24 VDC)	●	●	●	●	LECP6 LECP1 LECPA LECPMJ
A	Servo motor (24 VDC)	●	●	—	—	LECA6

4 Lead [mm]

Symbol	LEFS16	LEFS25	LEFS32	LEFS40
A	10	12	16	20
B	5	6	8	10

5 Stroke [mm]

50	50
to	to
1000	1000

* Refer to the applicable stroke table.

Caution

[CE-compliant products]

① EMC compliance was tested by combining the electric actuator LEF series and the controller LEC series.

The EMC depends on the configuration of the customer's control panel and the relationship with other electrical equipment and wiring. Therefore conformity to the EMC directive cannot be certified for SMC components incorporated into the customer's equipment under actual operating conditions. As a result it is necessary for the customer to verify conformity to the EMC directive for the machinery and equipment as a whole.

② For the servo motor (24 VDC) specification, EMC compliance was tested by installing a noise filter set (LEC-NFA).

Refer to the catalog CAT.ES100-87 for the noise filter set. Refer to the LECA Operation Manual for installation.

[UL-compliant products]

When conformity to UL is required, the electric actuator and controller/driver should be used with a UL1310 Class 2 power supply.

Applicable stroke table

Model	Stroke [mm]	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	Manufacturable stroke range [mm]
LEFS16	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	—	50 to 500
LEFS25	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	50 to 600
LEFS32	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	50 to 800
LEFS40	—	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	150 to 1000

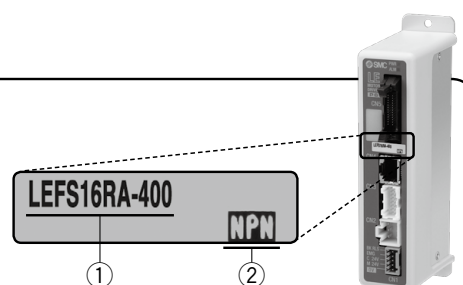
* Strokes are manufacturable in 1 mm increments. Refer to the manufacturable stroke range. However, strokes other than those shown above are produced as special orders. Consult with SMC for lead times and prices.

The actuator and controller/driver are sold as a package.

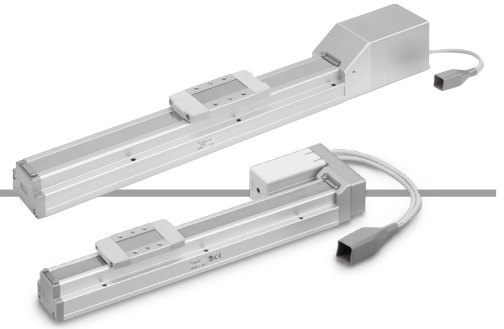
Confirm that the combination of the controller/driver and the actuator is correct.

<Check the following before use.>

- Check the actuator label for model number (after "25A-"). This matches the controller/driver.
- Check Parallel I/O configuration matches (NPN or PNP).



* Refer to the operation manual for using the products. Please download it via our website, <http://www.smcworld.com>



6 Motor option

Nil	Without option
B	With lock

7 Actuator cable type*1

Nil	Without cable
S	Standard cable*2
R	Robotic cable (Flexible cable)

*1 The standard cable should be used on fixed parts. For using on moving parts, select the robotic cable.

*2 Only available for the motor type "Step motor".

8 Actuator cable length [m]

Nil	Without cable
1	1.5
3	3
5	5
8	8*
A	10*
B	15*
C	20*

* Produced upon receipt of order (Robotic cable only)

9 Controller/Driver type*1

Nil	Without controller/driver	
6N	LECP6/LECA6	NPN
6P	(Step data input type)	PNP
1N	LECP1 *2	NPN
1P	(Programless type)	PNP
MJ	LECPMJ	—
	(CC-Link direct input type)	
AN	LECPA *2	NPN
AP	(Pulse input type)	PNP

*1 For details about controllers/driver and compatible motors, refer to the compatible controllers/driver below.

*2 Only available for the motor type "Step motor".

10 I/O cable length [m]*1, Communication plug

Nil	Without cable (Without communication plug connector*3)
1	1.5
3	3*2
5	5*2
S	Straight type communication plug connector*3
T	T-branch type communication plug connector*3

*1 When "Without controller/driver" is selected for controller/driver types, I/O cable cannot be selected. When the I/O cable is required, order it separately.

*2 When "Pulse input type" is selected for controller/driver types, pulse input usable only with differential. Only 1.5 m cables usable with open collector.

*3 When "CC-Link direct input type" is selected for controller/driver types, I/O cable is not included. Only "Nil", "S" or "T" can be selected.






11 Controller/Driver mounting

Nil	Screw mounting
D	DIN rail mounting*

* DIN rail is not included. Order it separately.

* Specifications and dimensions for the 25A-series are the same as standard products.

Compatible Controllers/Driver

Type	Step data input type	Step data input type	Programless type	CC-Link direct input type	Pulse input type
					
Series	LECP6	LECA6	LECP1	LECPMJ	LECPA
Features	Value (Step data) input Standard controller		Capable of setting up operation (step data) without using a PC or teaching box	CC-Link direct input	Operation by pulse signals
Compatible motor	Step motor (Servo/24 VDC)	Servo motor (24 VDC)	Step motor (Servo/24 VDC)		
Maximum number of step data	64 points		14 points	64 points	—
Power supply voltage	24 VDC				

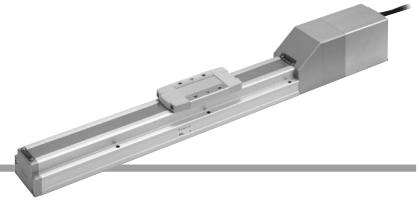
Electric Actuator/Slider Type Ball Screw Drive

AC Servo Motor

Series 25A-LEFS

RoHS

LEFS25, 32, 40



How to Order

25A-LEFS 32 R S3 B - 200 - S 2 A2

Series compatible with secondary batteries

1 Size

25
32
40

2 Motor mounting position

Nil	In-line
R	Right side parallel
L	Left side parallel

3 Motor type

Symbol	Type	Output [W]	Actuator size	Compatible drivers
S2*1	AC servo motor (Incremental encoder)	100	25	LECSA□-S1
S3		200	32	LECSA□-S3
S4		400	40	LECSA2-S4
S6*1	AC servo motor (Absolute encoder)	100	25	LECSB□-S5
				LECS□-S5
				LECS□-S5
S7		200	32	LECSB□-S7
				LECS□-S7
				LECS□-S7
S8		400	40	LECSB2-S8
				LECS2-S8

*1 For motor type S2 and S6, the compatible driver part number suffixes are S1 and S5 respectively.

*2 For details about the driver, refer to the WEB catalog.

4 Lead [mm]

Symbol	LEFS25	LEFS32	LEFS40
A	12	16	20
B	6	8	10

5 Stroke [mm]

50	50
to	to
1000	1000

* Refer to the applicable stroke table.

7 Cable type*1, *2

Nil	Without cable
S	Standard cable
R	Robotic cable (Flexible cable)

*1 The motor and encoder cables are included. (The lock cable is also included when the motor with lock option is selected.)

*2 Standard cable entry direction is
· Parallel: (A) Axis side
· In-line: (B) Counter axis side

6 Motor option

Nil	Without option
B	With lock

8 Cable length* [m]

Nil	Without cable
2	2
5	5
A	10

* The length of the encoder, motor and lock cables are the same.

9 Driver type

	Compatible drivers	Power supply voltage (V)	Size
			25 32 40
Nil	Without driver	—	● ● ●
A1	LECSA1-S□	100 to 120	● ● —
A2	LECSA2-S□	200 to 230	● ● ●
B1	LECSB1-S□	100 to 120	● ● —
B2	LECSB2-S□	200 to 230	● ● ●
C1	LECS1-S□	100 to 120	● ● —
C2	LECS2-S□	200 to 230	● ● ●
S1	LECS1-S□	100 to 120	● ● —
S2	LECS2-S□	200 to 230	● ● ●

* When the driver type is selected, the cable is included. Select cable type and cable length.

Example) S2S2: Standard cable (2 m) + Driver (LECS2)

S2 : Standard cable (2 m)

Nil : Without cable and driver

10 I/O connector

Nil	Without connector
H	With connector

Applicable stroke table

Stroke [mm]	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	Manufacturable stroke range [mm]
Model																					
LEFS25	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	50 to 600
LEFS32	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	50 to 800
LEFS40	—	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	150 to 1000

* Strokes are manufacturable in 1 mm increments. Refer to the manufacturable stroke range. However, strokes other than those shown above are produced as special orders. Consult with SMC for lead times and prices.

* Specifications and dimensions for the 25A-series are the same as standard products.

Compatible Drivers

Driver type	Pulse input type/ Positioning type	Pulse input type	CC-Link direct input type	SSCNET III type
Series	LECSA	LECSB	LECS2	LECS2
Number of point tables	Up to 7	—	Up to 255 (2 stations occupied)	—
Pulse input	○	○	—	—
Applicable network	—	—	CC-Link	SSCNET III
Control encoder	Incremental 17-bit encoder	Absolute 18-bit encoder	Absolute 18-bit encoder	Absolute 18-bit encoder
Communication function	USB communication	USB communication, RS422 communication	USB communication, RS422 communication	USB communication
Power supply voltage (V)	100 to 120 VAC (50/60 Hz) 200 to 230 VAC (50/60 Hz)			

Electric Actuator/High Rigidity Slider Type Ball Screw Drive

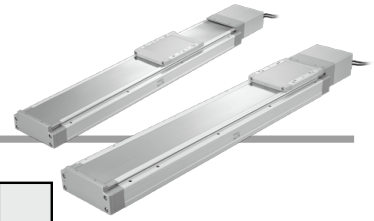
AC Servo Motor

Series 25A-LEJS



RoHS

LEJS40, 63



How to Order

25A-LEJS 40 S2 A - 500 - - - - -

Series compatible with secondary batteries

1 2 3 4 5 6 7 8 9

1 Size

40
63

2 Motor type*1

Symbol	Type	Output [W]	Actuator size	Compatible drivers *2
S2	AC servo motor (Incremental encoder)	100	40	LECSA□-S1
S3	AC servo motor (Incremental encoder)	200	63	LECSA□-S3
S6	AC servo motor (Absolute encoder)	100	40	LECSB□-S5 LECSC□-S5 LECSS□-S5
S7	AC servo motor (Absolute encoder)	200	63	LECSB□-S7 LECSC□-S7 LECSS□-S7

*1 For motor type S2 and S6, the compatible driver part number suffixes are S1 and S5 respectively.

*2 For details about the driver, refer to the WEB catalog.

3 Lead [mm]

Symbol	LEJS40	LEJS63
A	16	20
B	8	10

4 Stroke [mm]*3

200
to
1500

*3 Refer to the table below for details.

5 Motor option

Nil	Without option
B	With lock

6 Cable type*5, *6, *7

Nil	Without cable
S	Standard cable
R	Robotic cable (Flexible cable)

*6 The motor and encoder cables are included. (The lock cable is included when the motor with lock option is selected.)

*7 Standard cable entry is "(A) Axis side".

7 Cable length [m]*5, *8

Nil	Without cable
2	2
5	5
A	10

*8 The length of the motor, encoder and lock cables are the same.

8 Driver type*5

	Compatible drivers	Power supply voltage (V)
Nil	Without driver	—
A1	LECSA1-S□	100 to 120
A2	LECSA2-S□	200 to 230
B1	LECSB1-S□	100 to 120
B2	LECSB2-S□	200 to 230
C1	LECSC1-S□	100 to 120
C2	LECSC2-S□	200 to 230
S1	LECSC1-S□	100 to 120
S2	LECSC2-S□	200 to 230

9 I/O connector

Nil	Without connector
H	With connector

*5 When the driver type is selected, the cable is included. Select cable type and cable length.

Example)

S2S2: Standard cable (2 m) + Driver (LECSC2)

S2 : Standard cable (2 m)

Nil : Without cable and driver

Applicable stroke table*4

●Standard ○Produced upon receipt of order

Model \ Stroke [mm]	200	300	400	500	600	700	800	900	1000	1200	1500
LEJS40	●	●	○	●	●	○	●	○	○	○	—
LEJS63	—	●	○	●	●	○	●	○	●	○	○

*4 Consult with SMC as all non-standard and non-made-to-order strokes are produced as special orders.

For details about auto switches, refer to "Series Compatible with Secondary Batteries" (P-E11-7).

Applicable auto switches

D-M9N(V)-900, D-M9P(V)-900, D-M9B(V)-900

D-M9NW(V)-900, D-M9PW(V)-900, D-M9BW(V)-900

Compatible Drivers

* Specifications and dimensions for the 25A-series are the same as standard products.

Driver type	Pulse input type/ Positioning type	Pulse input type	CC-Link direct input type	SSCNET III type
Series	LECSA	LECSB	LECSC	LECSC
Number of point tables	Up to 7	—	Up to 255	—
Pulse input	○	○	—	—
Applicable network	—	—	CC-Link	SSCNET III
Control encoder	Incremental 17-bit encoder	Absolute 18-bit encoder	Absolute 18-bit encoder	Absolute 18-bit encoder
Communication function	USB communication	USB communication, RS422 communication	USB communication, RS422 communication	USB communication
Power supply voltage (V)	100 to 120 VAC (50/60 Hz) 200 to 230 VAC (50/60 Hz)			

Electric Actuator/Rod Type

Step Motor (Servo/24 VDC)

Servo Motor (24 VDC)

Series 25A-LEY

LEY16, 25, 32, 40



How to Order

25A-LEY **16** **B** - **100** **C** - **S** **1** **6N** **1**

Series compatible with secondary batteries

1 Size

16
25
32
40

2 Motor mounting position

Nil	Top mounting
R	Right side parallel
L	Left side parallel
D	In-line

3 Motor type

Symbol	Type	Size			Compatible controllers/driver
		LEY16	LEY25	LEY32/40	
Nil	Step motor (Servo/24 VDC)	●	●	●	LECP6 LECP1 LECPA LECPMJ
A	Servo motor (24 VDC)	●	●	—	LECA6

4 Lead [mm]

Symbol	LEY16	LEY25	LEY32/40
A	10	12	16
B	5	6	8
C	2.5	3	4

5 Stroke [mm]

30	30
to	to
500	500

* Refer to the applicable stroke table.

6 Motor option

C	With motor cover
W	With lock/motor cover

* When "With lock/motor cover" is selected for the top mounting and right/left side parallel types, the motor body will stick out of the end of the body for size 16 with strokes 30 or less. Check for interference with workpieces before selecting a model.

7 Rod end thread

Nil	Female rod end
M	Male rod end (1 rod end nut is included.)

Caution

[CE-compliant products]

① EMC compliance was tested by combining the electric actuator LEY series and the controller LEC series.

The EMC depends on the configuration of the customer's control panel and the relationship with other electrical equipment and wiring. Therefore conformity to the EMC directive cannot be certified for SMC components incorporated into the customer's equipment under actual operating conditions. As a result it is necessary for the customer to verify conformity to the EMC directive for the machinery and equipment as a whole.

② For the servo motor (24 VDC) specification, EMC compliance was tested by installing a noise filter set (LEC-NFA). Refer to the **WEB catalog** for the noise filter set. Refer to the LECA Operation Manual for installation.

[UL-compliant products]

When conformity to UL is required, the electric actuator and controller/driver should be used with a UL1310 Class 2 power supply.

Mounting Bracket Part No. for Series 25A-

Applicable size	Foot *1	Flange	Double clevis
16	25-LEY-L016	25-LEY-F016	25-LEY-D016
25	25-LEY-L025	25-LEY-F025	25-LEY-D025
32, 40	25-LEY-L032	25-LEY-F032	25-LEY-D032
Surface treatment	RAYDENT®	RAYDENT®	Coating (Size 16: Electroless nickel plating)

*1 When ordering foot brackets, order 2 pieces per actuator.

*2 Parts belonging to each bracket are as follows.

Foot, Flange: Body mounting bolt, Double clevis: Clevis pin, Type C retaining ring for axis, Body mounting bolt

* Applicable stroke table

● Standard

Model \ Stroke [mm]	30	50	100	150	200	250	300	350	400	450	500	Manufacturable stroke range [mm]
LEY16	●	●	●	●	●	●	●	—	—	—	—	10 to 300
LEY25	●	●	●	●	●	●	●	●	●	—	—	15 to 400
LEY32/40	●	●	●	●	●	●	●	●	●	●	●	20 to 500

* Consult with SMC for non-standard strokes as they are produced as special orders.

For details about auto switches, refer to "Series Compatible with Secondary Batteries" (P-E11-7).

Applicable auto switches

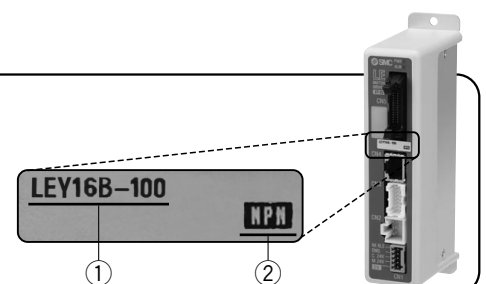
D-M9N(V)-900, D-M9P(V)-900, D-M9B(V)-900
D-M9NW(V)-900, D-M9PW(V)-900, D-M9BW(V)-900

The actuator and controller/driver are sold as a package.

Confirm that the combination of the controller/driver and the actuator is correct.

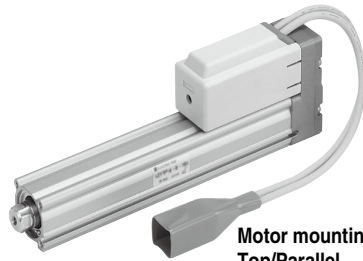
<Check the following before use.>

- Check the actuator label for model number (after "25A-"). This matches the controller/driver.
- Check Parallel I/O configuration matches (NPN or PNP)



* Refer to the operation manual for using the products. Please download it via our website, <http://www.smcworld.com>

Electric Actuator/Rod Type **Series 25A-LEY**



Motor mounting position:
Top/Parallel



Motor mounting position:
In-line

8 Mounting*1

Symbol	Type	Motor mounting position	
		Top/Parallel	In-line
Nil	Ends tapped (Standard)*2	●	●
U	Body bottom tapped	●	●
L	Foot	●	—
F	Rod flange*2	●	●
G	Head flange*2	●*4	—
D	Double clevis*3	●	—

*1 Mounting bracket is shipped together, (but not assembled).

*2 For horizontal cantilever mounting with the rod flange, head flange and ends tapped, use the actuator within the following stroke range.

- LEY25: 200 or less
- LEY32/40: 100 or less

*3 For mounting with the double clevis, use the actuator within the following stroke range.

- LEY16: 100 or less
- LEY25: 200 or less
- LEY32/40: 200 or less

*4 Head flange is not available for the LEY32/40.

9 Actuator cable type*1

Nil	Without cable
S	Standard cable*2
R	Robotic cable (Flexible cable)

*1 The standard cable should be used on fixed parts. For using on moving parts, select the robotic cable.

*2 Only available for the motor type "Step motor".

10 Actuator cable length [m]

Nil	Without cable
1	1.5
3	3
5	5
8	8*
A	10*
B	15*
C	20*

* Produced upon receipt of order (Robotic cable only)

11 Controller/Driver type*1

Nil	Without controller/driver	
6N	LECP6/LECA6 (Step data input type)	NPN
6P		PNP
1N	LECP1 *2 (Programless type)	NPN
1P		PNP
MJ	LECPMJ (CC-Link direct input type)	—
AN	LECPA *2 (Pulse input type)	NPN
AP		PNP

*1 For details about controllers/driver and compatible motors, refer to the compatible controllers/driver below.

*2 Only available for the motor type "Step motor".

12 I/O cable length [m]*1, Communication plug

Nil	Without cable (Without communication plug connector*3)
1	1.5
3	3*2
5	5*2
S	Straight type communication plug connector*3
T	T-branch type communication plug connector*3

*1 When "Without controller/driver" is selected for controller/driver types, I/O cable cannot be selected. Refer to the catalog CAT. E102 if I/O cable is required.

*2 When "Pulse input type" is selected for controller/driver types, pulse input usable only with differential. Only 1.5 m cables usable with open collector.

*3 When "CC-Link direct input type" is selected for controller/driver types, I/O cable is not included. Only "Nil", "S" or "T" can be selected.






13 Controller/Driver mounting

Nil	Screw mounting
D	DIN rail mounting*1

*1 DIN rail is not included. Order it separately.

* Specifications and dimensions for the 25A-series are the same as standard products.

Compatible Controllers/Driver

Type	Step data input type	Step data input type	Programless type	CC-Link direct input type	Pulse input type
					
Series	LECP6	LECA6	LECP1	LECPMJ	LECPA
Features	Value (Step data) input Standard controller		Capable of setting up operation (step data) without using a PC or teaching box	CC-Link direct input	Operation by pulse signals
Compatible motor	Step motor (Servo/24 VDC)	Servo motor (24 VDC)	Step motor (Servo/24 VDC)		
Maximum number of step data	64 points		14 points	64 points	—
Power supply voltage	24 VDC				

Electric Actuator/Rod Type

AC Servo Motor

Series 25A-LEY

LEY25, 32

RoHS

How to Order

25A-LEY 25 S2 B - 100 - S 2 A1

1 2 3 4 5 6 7 8 9 10 11 12

Series compatible with secondary batteries

1 Size

25
32

2 Motor mounting position

Nil	Top mounting
R	Right side parallel
L	Left side parallel
D	In-line

3 Motor type*1

Symbol	Type	Output [W]	Actuator size	Compatible drivers*2
S2	AC servo motor (Incremental encoder)	100	25	LECSA□-S1
S3	AC servo motor (Incremental encoder)	200	32	LECSA□-S3
S6	AC servo motor (Absolute encoder)	100	25	LECSB□-S5 LECSC□-S5 LECSS□-S5
S7	AC servo motor (Absolute encoder)	200	32	LECSB□-S7 LECSC□-S7 LECSS□-S7

*1 For motor type S2 and S6, the compatible driver part number suffixes are S1 and S5 respectively.

*2 For details about the driver, refer to the **WEB catalog**.

4 Lead [mm]

Symbol	LEY25	LEY32*
A	12	16 (20)
B	6	8 (10)
C	3	4 (5)

* The values shown in () are the lead for size 32 top mounting, right/left side parallel types. (Equivalent lead which includes the pulley ratio [1.25:1])

5 Stroke [mm]

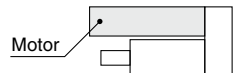
30	30
to	to
500	500

* Refer to the table below for details.

6 Motor option

Nil	Without option
B	With lock*

* When "With lock" is selected for the top mounting and right/left side parallel types, the motor body will stick out of the end of the body for size 25 with strokes 30 or less. Check for interference with workpieces before selecting a model.



7 Rod end thread

Nil	Female rod end
M	Male rod end (1 rod end nut is included.)

8 Mounting*1

Symbol	Type	Motor mounting position	
		Top/Parallel	In-line
Nil	Ends tapped (Standard)*2	●	●
U	Body bottom tapped	●	●
L	Foot	●	—
F	Rod flange*2	●	●
G	Head flange*2	●*4	—
D	Double clevis*3	●	—

*1 Mounting bracket is shipped together, (but not assembled).

*2 For horizontal cantilever mounting with the rod flange, head flange and ends tapped, use the actuator within the following stroke range.

· LEY25: 200 or less · LEY32: 100 or less

*3 For mounting with the double clevis, use the actuator within the following stroke range.

· LEY25: 200 or less · LEY32: 200 or less

*4 Head flange is not available for the LEY32.

Mounting Bracket Part No. for Series 25A-

Applicable size	Foot*1	Flange	Double clevis
25	25-LEY-L025	25-LEY-F025	25-LEY-D025
32	25-LEY-L032	25-LEY-F032	25-LEY-D032
Surface treatment	RAYDENT®	RAYDENT®	Coating (Size 16: Electroless nickel plating)

*1 When ordering foot brackets, order 2 pieces per actuator.

*2 Parts belonging to each bracket are as follows.

Foot, Flange: Body mounting bolt, Double clevis: Clevis pin, Type C retaining ring for axis, Body mounting bolt

* Applicable stroke table

● Standard

Model	Stroke [mm]	30	50	100	150	200	250	300	350	400	450	500	Manufacturable stroke range [mm]
LEY25		●	●	●	●	●	●	●	●	●	—	—	15 to 400
LEY32		●	●	●	●	●	●	●	●	●	●	●	20 to 500

* Consult with SMC for non-standard strokes as they are produced as special orders.

For details about auto switches, refer to "Series Compatible with Secondary Batteries" (P-E11-7).

Applicable auto switches

D-M9N(V)-900, D-M9P(V)-900, D-M9B(V)-900

D-M9NW(V)-900, D-M9PW(V)-900, D-M9BW(V)-900



**Motor mounting position:
Top/Parallel**



**Motor mounting position:
In-line**

9 Cable type*

Nil	Without cable
S	Standard cable
R	Robotic cable (Flexible cable)

* The motor and encoder cables are included.
(The lock cable is also included when the motor with lock option is selected.)

* Standard cable entry direction is
· Top/Parallel: (A) Axis side
· In-line: (B) Counter axis side

10 Cable length* [m]

Nil	Without cable
2	2
5	5
A	10

* The length of the encoder, motor and lock cables are the same.

11 Driver type*

	Compatible drivers	Power supply voltage (V)
Nil	Without driver	—
A1	LECSA1-S□	100 to 120
A2	LECSA2-S□	200 to 230
B1	LECSB1-S□	100 to 120
B2	LECSB2-S□	200 to 230
C1	LECSC1-S□	100 to 120
C2	LECSC2-S□	200 to 230
S1	LECSS1-S□	100 to 120
S2	LECSS2-S□	200 to 230

* When the driver type is selected, the cable is included. Select cable type and cable length.

Example)

S2S2: Standard cable (2 m) + Driver (LECSS2)

S2 : Standard cable (2 m)





Nil : Without cable and driver

12 I/O connector

Nil	Without connector
H	With connector

* Specifications and dimensions for the 25A-series are the same as standard products.

Compatible Drivers

Driver type	Pulse input type/ Positioning type	Pulse input type	CC-Link direct input type	SSCNET III type
				
Series	LECSA	LECSB	LECSC	LECSS
Number of point tables	Up to 7	—	Up to 255 (2 stations occupied)	—
Pulse input	○	○	—	—
Applicable network	—	—	CC-Link	SSCNET III
Control encoder	Incremental 17-bit encoder	Absolute 18-bit encoder	Absolute 18-bit encoder	Absolute 18-bit encoder
Communication function	USB communication	USB communication, RS422 communication	USB communication, RS422 communication	USB communication
Power supply voltage (V)	100 to 120 VAC (50/60 Hz) 200 to 230 VAC (50/60 Hz)			



Series 25A-LE□

Precautions

Be sure to read before handling.

Handling

⚠ Caution

■ Change of material

Series 25A- are copper- and zinc-free products, however, some parts including coils for motors, cables, drivers and auto switches, and connector pins and lead wires, whose material can not be changed, are made of copper.

■ Chemical environment

Refrain from using the products in such environments as exposed to chemicals. Otherwise, resin parts may deteriorate. If you want SMC to test the products for the effects of chemicals attached to them, send the products back to SMC after thoroughly cleaning them. Consult your SMC sales representative for further details.

■ Trademark

DeviceNet™ is a trademark of ODVA.

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

Be sure to read “Handling Precautions for SMC Products” (M-E03-3) and “Operation Manual” before using.



For details about other series,
refer to **the WEB catalog** or
“Series Compatible with Secondary Batteries” (P-E11-7).