

Electric Actuator/Guide Rod Type Series LEYG

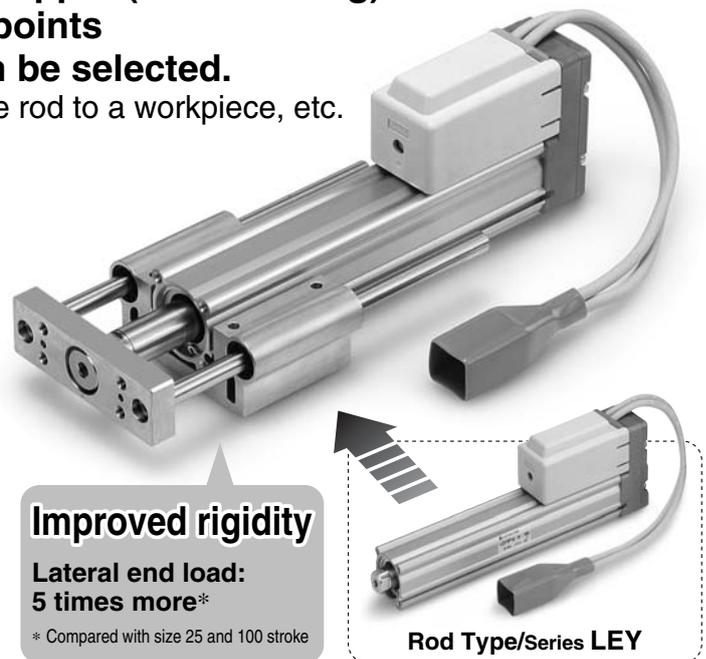
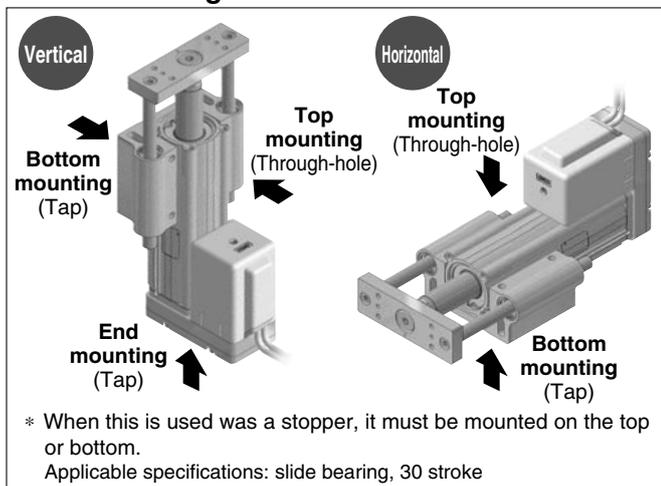
A rod type with guide newly added!



- Compatible with slide-bearing and ball-bushing bearing.
- Compatible with moment load and stopper (slide bearing).
- Speed control/Positioning: Max. 64 points
- Positioning and pushing control can be selected.

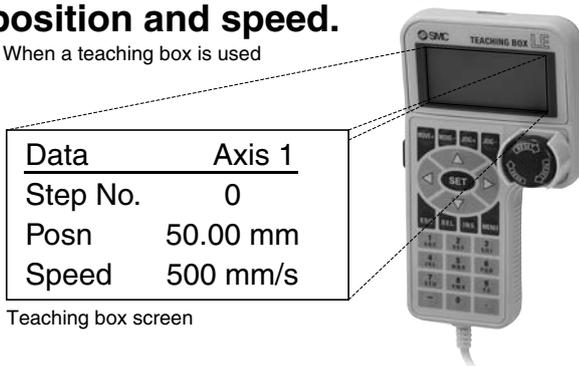
Possible to hold the actuator when pushing the rod to a workpiece, etc.

Direct mounting: 3 directions



**Data can be set with only 2 items:
 position and speed.**

* When a teaching box is used

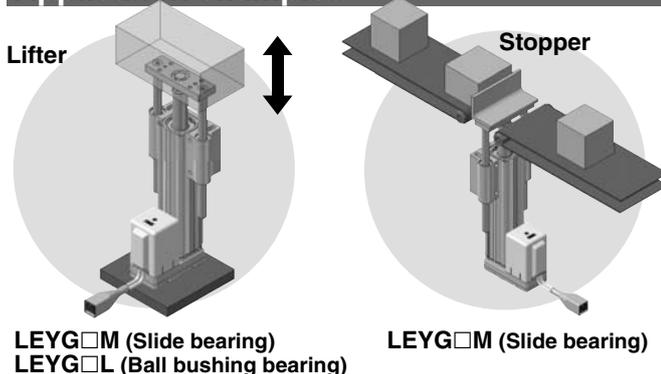


With dedicated controller

Initial parameters are already set.



Application examples



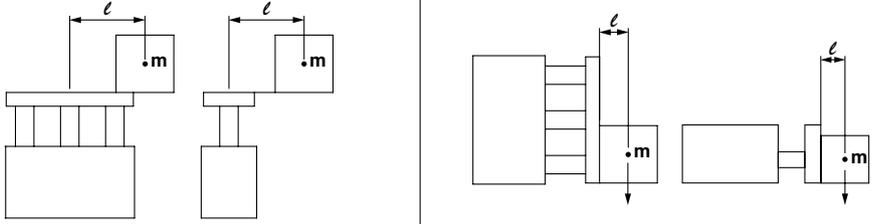
Series Variations

Model	Screw lead	Pushing force [N]		Vertical work load [kg]		Max. speed [mm/s]	Stroke [mm]
		Step motor	Servo motor	Step motor	Servo motor		
LEYG16 ^M _L □	10	38	30	1.5	1.5	500	30 to 200
	5	74	58	3.5	3.5	250	
	2.5	141	111	7.5	7.5	125	
LEYG25 ^M _L □	12	122	35	7	2	500	30 to 300
	6	238	72	15	5	250	
	3	452	130	29	11	125	
LEYG32 ^M _L □	16	189	—	9	—	500	30 to 300
	8	370	—	20	—	250	
	4	707	—	41	—	125	

Series LEYG Model Selection

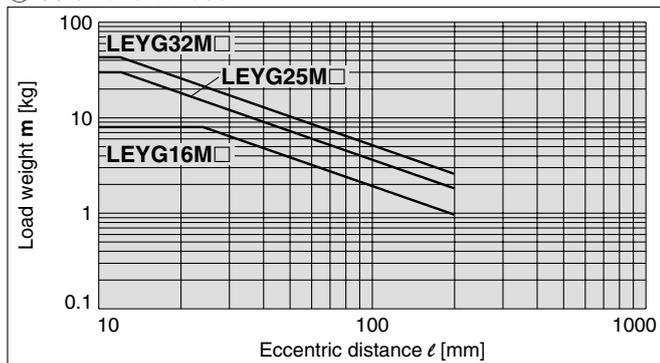
Moment Load Graph

Selection conditions

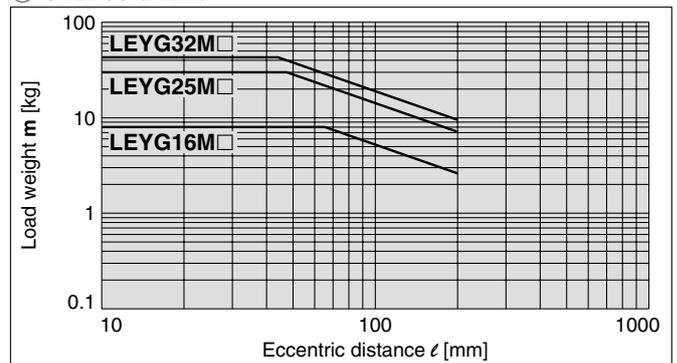
Mounting position	Vertical	Horizontal	
			
Max. speed [mm/s]	200 or less	200 or less	400
Graph (slide bearing type)	①, ②	⑤, ⑥	—
Graph (ball bushing bearing type)	③, ④	⑦, ⑧	⑨, ⑩

Vertical Mounting, Slide Bearing

① 50 stroke or less



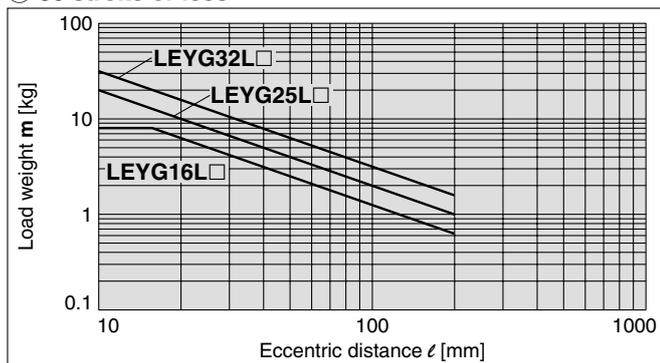
② Over 50 stroke



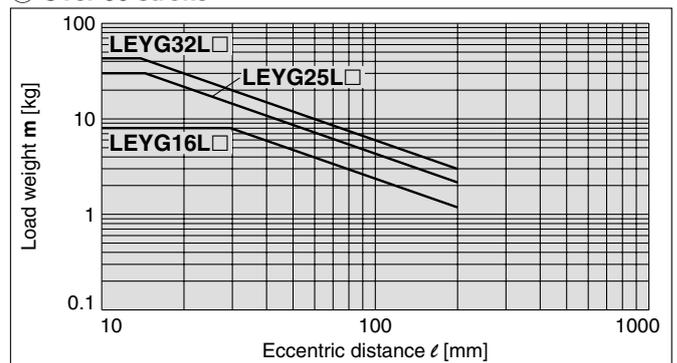
* The limit of vertical load weight varies depending on "lead" and "speed".
Check page 4 "Speed-Vertical Work Load Graph".

Vertical Mounting, Ball Bushing Bearing

③ 30 stroke or less



④ Over 30 stroke

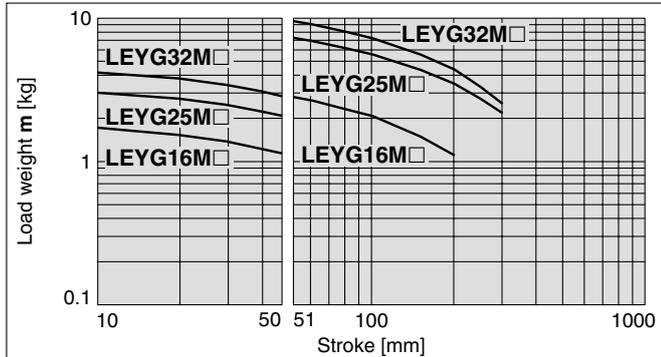


* The limit of vertical load weight varies depending on "lead" and "speed".
Check page 4 "Speed-Vertical Work Load Graph".

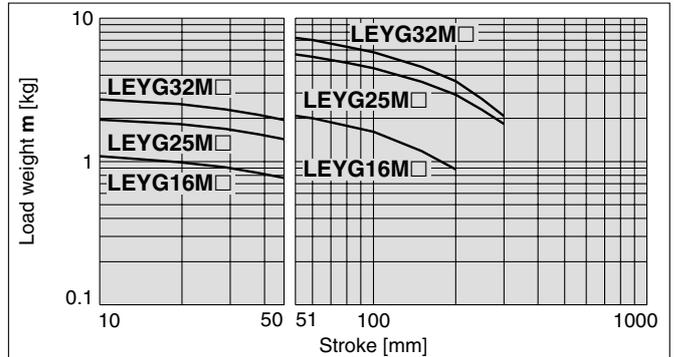
Moment Load Graph

Horizontal Mounting, Slide Bearing

⑤ $\ell = 50$ mm



⑥ $\ell = 100$ mm



* Set the speed to less than or equal to the values shown below.

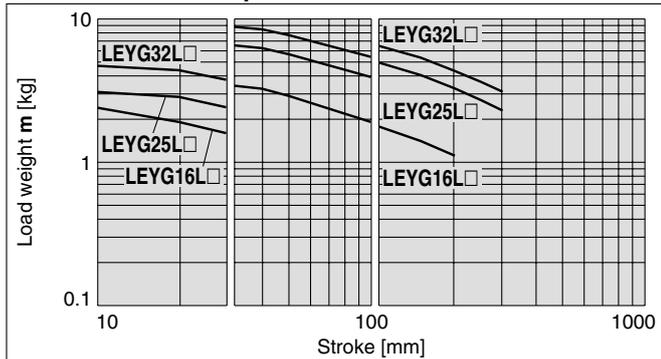
Motor type	LEYG□M□A	LEYG□M□B	LEYG□M□C
Step motor (Servo/24 VDC)	200 mm/s	125 mm/s	75 mm/s
Servo motor (24 VDC)	200 mm/s	200 mm/s	125 mm/s

* For the specifications below, operate the system at the "load weight" shown in the graph x 80%.

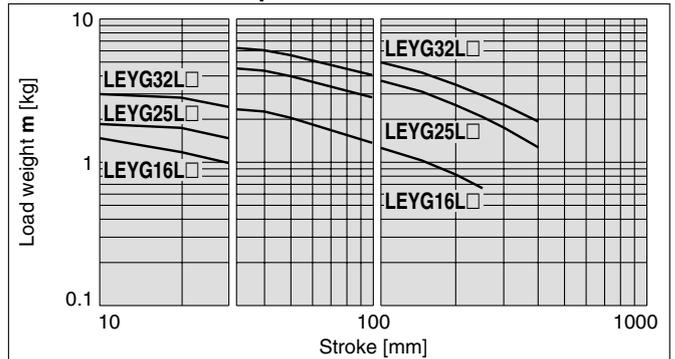
- LEYG25MAA/Servo motor (24 VDC), Lead 12

Horizontal Mounting, Ball Bushing Bearing

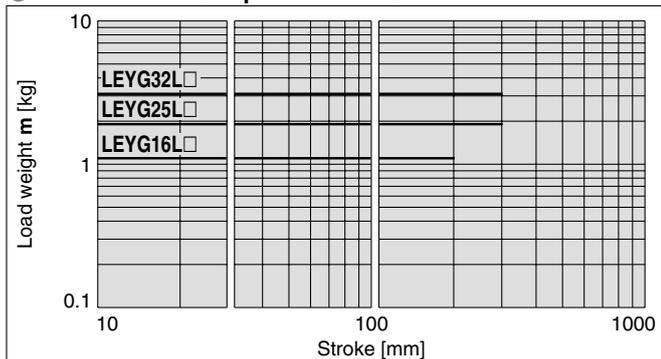
⑦ $\ell = 50$ mm Max. speed = 200 mm/s or less



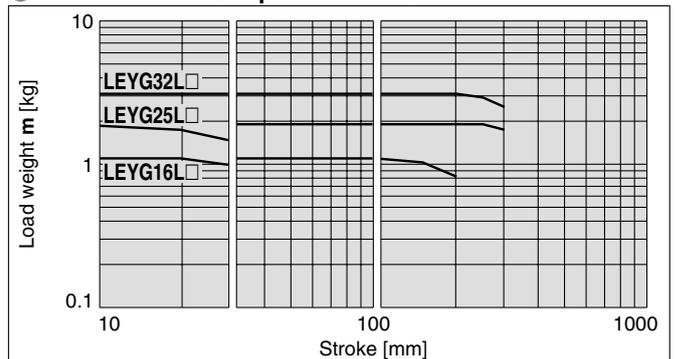
⑧ $\ell = 100$ mm Max. speed = 200 mm/s or less



⑨ $\ell = 50$ mm Max. speed = Over 200 mm/s

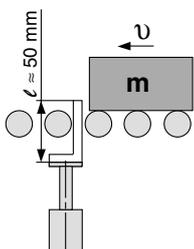


⑩ $\ell = 100$ mm Max. speed = Over 200 mm/s



Operating Range when Used as Stopper

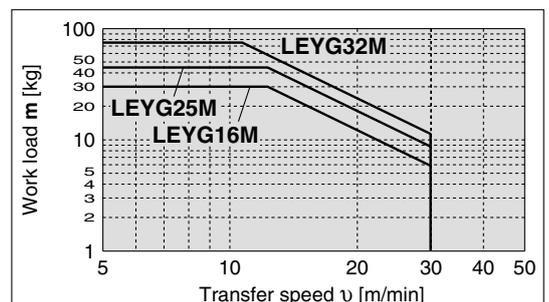
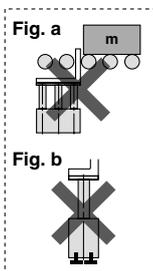
LEYG□M (Slide bearing)



⚠ Caution

Handling Precautions

- Note 1) When using as a stopper, select a model with 30 stroke or less.
- Note 2) LEYG□L (ball bushing bearing) cannot be used as a stopper.
- Note 3) Work collision in series with guide rod cannot be permitted (Fig. a).
- Note 4) The body should not be mounted on the end. It must be mounted on the top or bottom (Fig. b).

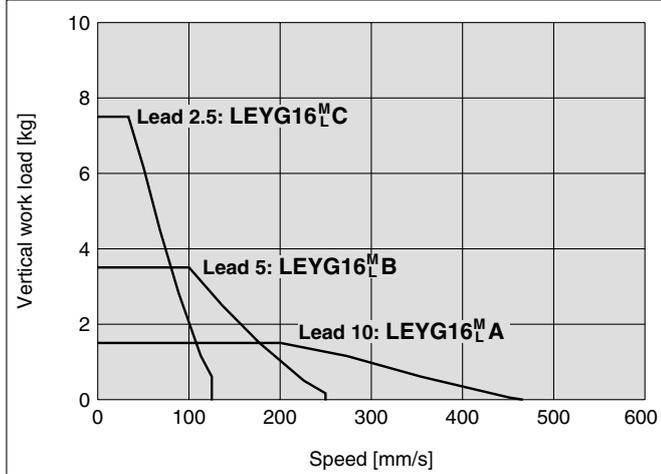


Series LEYG

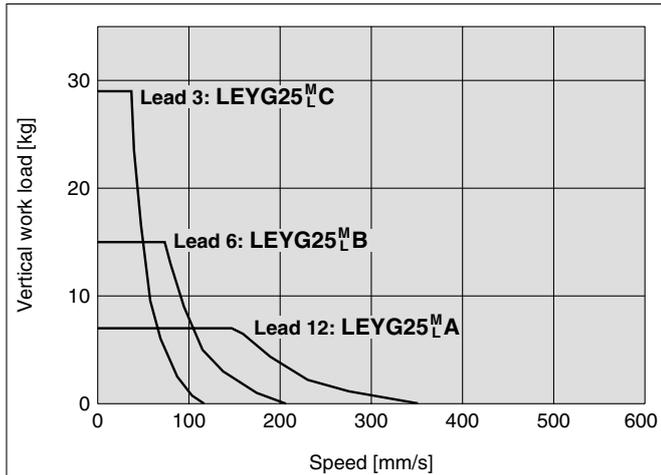
Speed-Vertical Work Load Graph

Step Motor (Servo/24 VDC)

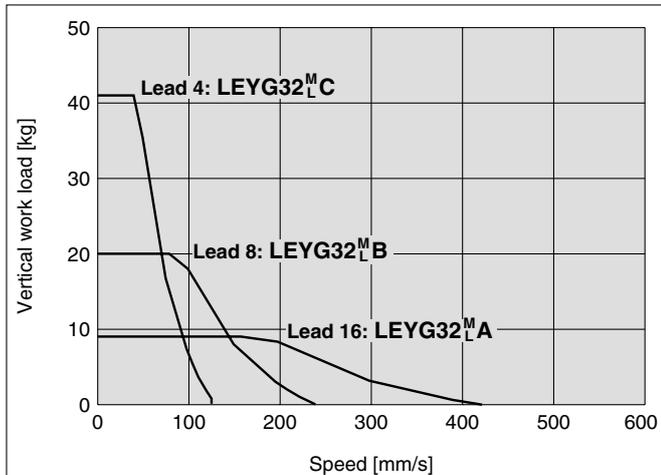
LEYG16^M_L□



LEYG25^M_L□

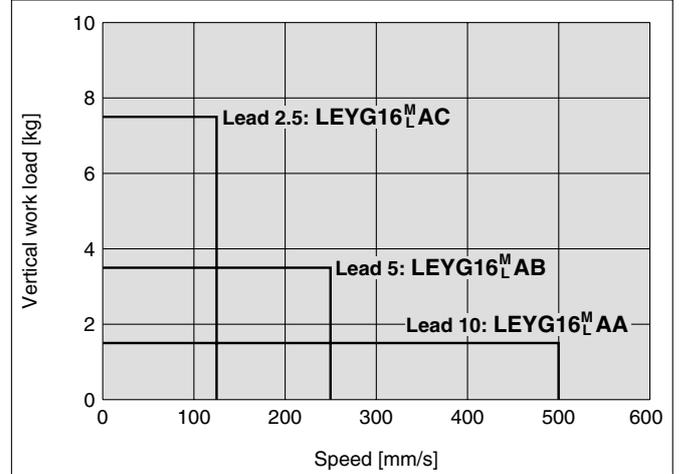


LEYG32^M_L□

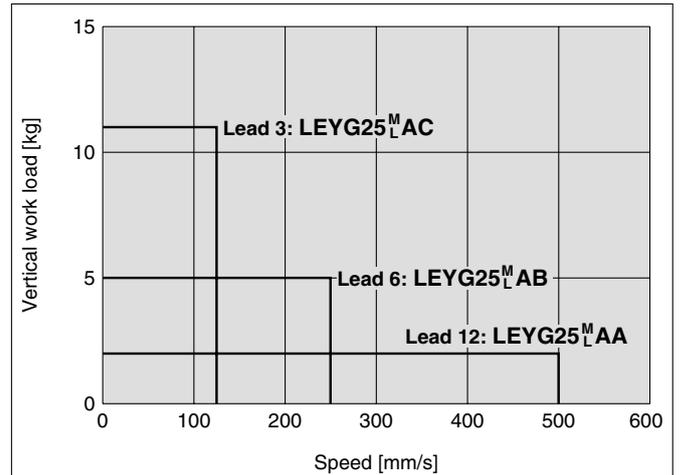


Servo Motor (24 VDC)

LEYG16^M_LA□



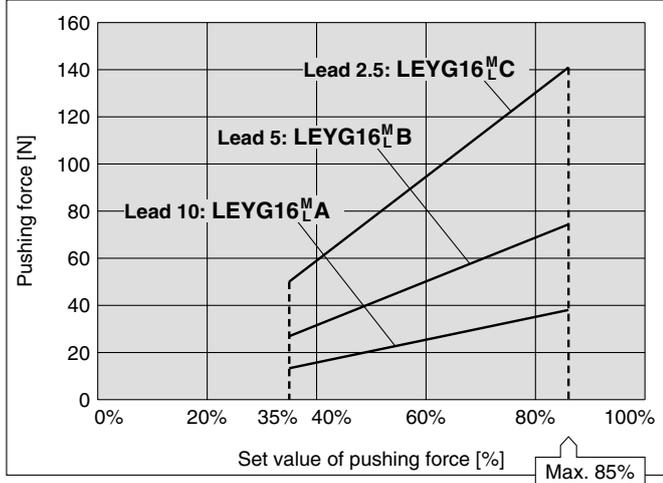
LEYG25^M_LA□



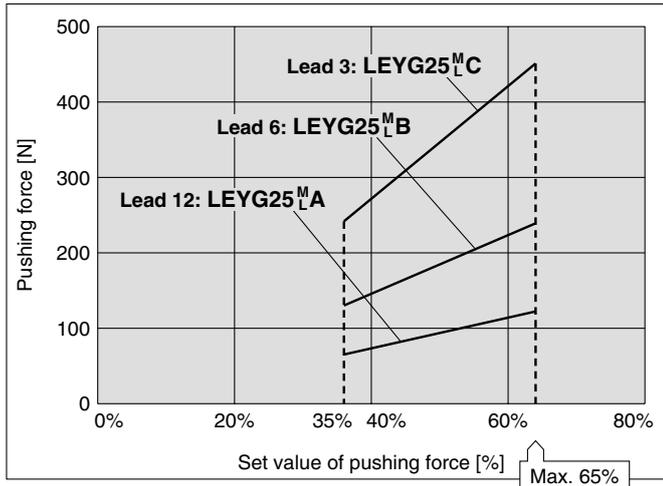
Force Conversion Graph

Step Motor (Servo/24 VDC)

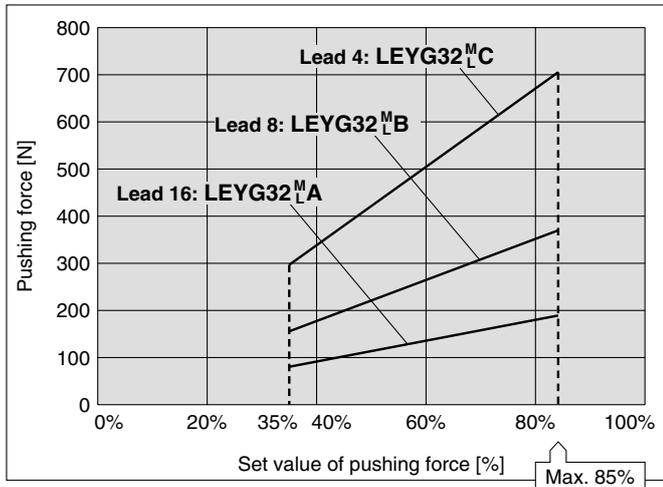
LEYG16^M_L□



LEYG25^M_L□

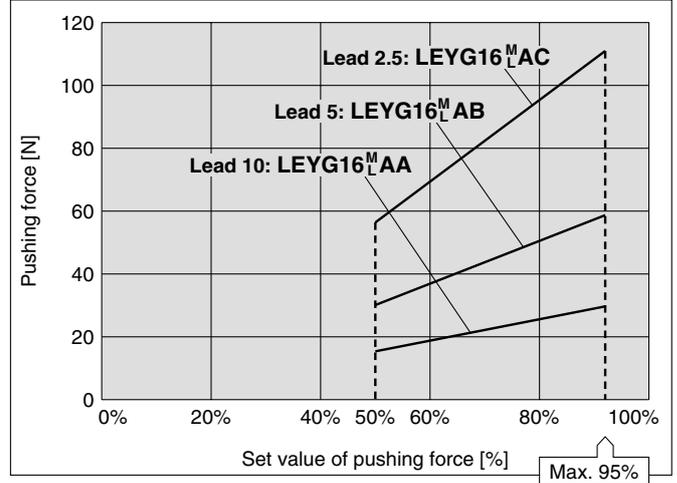


LEYG32^M_L□

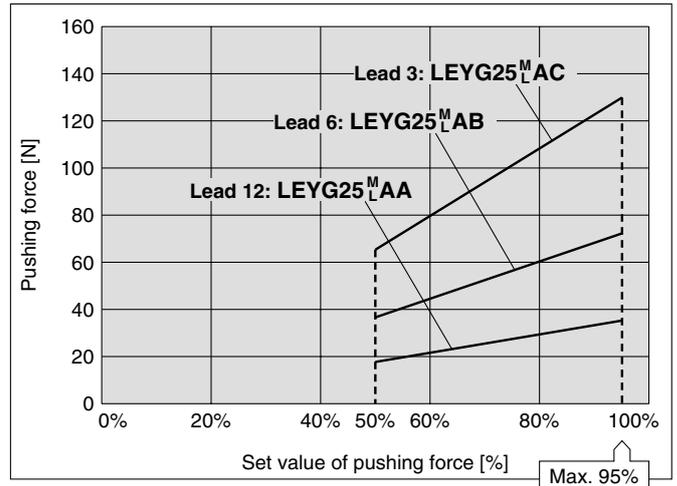


Servo Motor (24 VDC)

LEYG16^M_LA□



LEYG25^M_LA□



<Pushing Force and Threshold Range> Without Load

Model	Pushing speed [mm/sec]	Pushing force (Setting input value)	Model	Pushing speed [mm/sec]	Pushing force (Setting input value)
LEYG16 ^M _L □	5 to 10	35% to 85%	LEYG16 ^M _L A□	5 to 10	50% to 95%
	11 to 20	50% to 85%		11 to 20	70% to 95%
	21 to 50	60% to 85%		21 to 50	80% to 95%
LEYG25 ^M _L □	5 to 10	35% to 65%	LEYG25 ^M _L A□	5 to 10	50% to 95%
	11 to 20	35% to 65%		11 to 20	70% to 95%
	21 to 35	50% to 65%		21 to 35	80% to 95%
LEYG32 ^M _L □	5 to 10	35% to 85%			
	11 to 20	50% to 85%			
	21 to 30	60% to 85%			

Note) For the vertical load (upward), the pushing force (maximum) must be set as shown below, and the device should be operated with a work load less than that shown below.

Model	LEYG16 ^M _L □			LEYG25 ^M _L □			LEYG32 ^M _L □			LEYG16 ^M _L A□			LEYG25 ^M _L A□		
Lead	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Work load [kg]	0.5	1	2	1.5	4	9	2.5	7	16	0.5	1	2	0.2	1.5	4
Pushing force	85%			65%			85%			95%			95%		

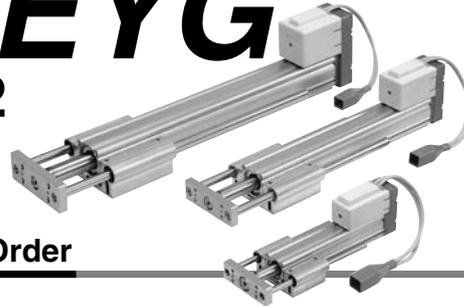
Electric Actuator/Guide Rod Type

Series LEYG

LEYG16, 25, 32



RoHS



How to Order

LEYG 16 M [] [] B - 50 [] [] - R 1 6N 1 []

Size

16
25
32

Bearing type

M	Slide bearing
L	Ball bushing bearing

Motor mounting position

Nil	Top mounting type
-----	-------------------

Motor type

Symbol	Type	Size		
		LEYG16	LEYG25	LEYG32
Nil	Step motor (Servo/24 VDC)	●	●	●
A	Servo motor ^{Note 1)} (24 VDC)	●	●	—

Lead

Symbol	LEYG16	LEYG25	LEYG32
A	10 mm	12 mm	16 mm
B	5 mm	6 mm	8 mm
C	2.5 mm	3 mm	4 mm

* Stroke table ● Standard/○ Produced upon receipt of order

Model	Stroke (mm)				
	30	50	100	200	300
LEYG16M	●	●	●	○	—
LEYG25M	●	●	●	○	○
LEYG32M	●	●	●	○	○
LEYG16L	○	●	●	●	—
LEYG25L	○	●	●	●	○
LEYG32L	○	●	●	●	○

Stroke

30	30 mm
300	300 mm

* Refer to the stroke table for details.

Caution

Note 1) CE-compliant products

- EMC compliance was tested by combining the electric actuator LEYG 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.
- For the servo motor (24 VDC) specification, EMC compliance was tested by installing a noise filter set (LEC-NFA). Refer to CAT.ES100-83 for the noise filter set. Refer to the LECA Operation Manual for installation.

Controller mounting

Nil	Screw mounting
D ^{Note 3)}	DIN rail mounting

Note 3) DIN rail is not included. Order it separately.

I/O cable length

Nil	Without cable
1	1.5 m
3	3 m
5	5 m

Controller type

Nil	Without controller
6N	With controller (NPN)
6P	With controller (PNP)

Actuator cable length

Nil	Without cable	8	8 m ^{Note 2)}
1	1.5 m	A	10 m ^{Note 2)}
3	3 m	B	15 m ^{Note 2)}
5	5 m	C	20 m ^{Note 2)}

Note 2) Produced upon receipt of order

Actuator cable type

Nil	Without cable
R	Robotic cable (Flexible cable)

Guide option

Nil	Without guide
F	With grease holding function

* Application for only size 25 and 32 slide bearings. (Refer to "Construction" on page 9.)

Motor option

Nil	Without option
C	With motor cover
B	With lock

* When [with lock] specification is selected, [with motor cover] specification cannot be selected.

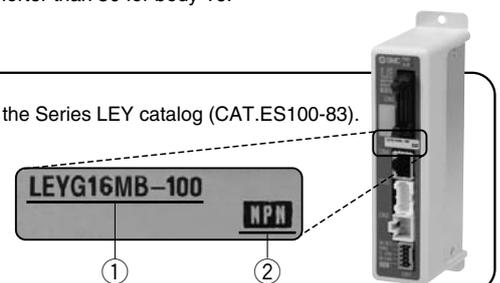
* When [with lock] specification is selected, it is not possible to select strokes shorter than 50 for body 16.

The actuator and controller are sold as a package. (Controller → Refer to the Series LEY catalog (CAT.ES100-83).)

Confirm that the combination of the controller and the actuator is compatible.

<Be sure to check the following before use.>

- Check that actuator label for model number. This matches the controller.
- 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/>

Specifications

Step Motor (Servo/24 VDC)

Model		LEYG16 ^M			LEYG25 ^M			LEYG32 ^M					
Actuator specifications	Stroke [mm]	Note 1) M		30, 50, 100, (200)			30, 50, 100, (200, 300)			30, 50, 100, (200, 300)			
		L		(30), 50, 100, 200			(30), 50, 100, 200, (300)			(30), 50, 100, 200, (300)			
	Work load [kg]	Horizontal	Acceleration and deceleration at 3000 [mm/s ²]		4	11	20	12	30	30	20	40	40
			Acceleration and deceleration at 2000 [mm/s ²]		6	17	30	18	50	50	30	60	60
		Vertical	Acceleration and deceleration at 3000 [mm/s ²]		1.5	3.5	7.5	7	15	29	9	20	41
					14 to 38	27 to 74	51 to 141	63 to 122	126 to 238	232 to 452	80 to 189	156 to 370	296 to 707
	Pushing force [N] Note 3) 4)				15 to 500	8 to 250	4 to 125	18 to 500	9 to 250	5 to 125	24 to 500	12 to 250	6 to 125
	Speed [mm/s]				50 or less			35 or less			30 or less		
	Pushing speed [mm/s] Note 5)							3,000					
	Max. acceleration and deceleration [mm/s ²]							±0.02					
Positioning repeatability [mm]				10			5			2.5			
Screw lead [mm]				12			6			3			
Impact/Vibration resistance [m/s ²] Note 6)				50/20			50/20			50/20			
Actuation type				Ball screw + Belt			Ball screw + Belt			Ball screw + Belt			
Guide type				Slide bearing (LEYG□M), Ball bushing bearing (LEYG□L)			Slide bearing (LEYG□M), Ball bushing bearing (LEYG□L)			Slide bearing (LEYG□M), Ball bushing bearing (LEYG□L)			
Operating temp. range [°C]				5 to 40			5 to 40			5 to 40			
Operating humidity range [%]				35 to 85 (No condensation and freezing)			35 to 85 (No condensation and freezing)			35 to 85 (No condensation and freezing)			
Electric specifications	Motor size				□28		□42		□56.4				
	Motor type				Step motor (Servo 24 VDC)			Step motor (Servo 24 VDC)			Step motor (Servo 24 VDC)		
	Encoder				Incremental A/B phase (800 pulse/rotation)			Incremental A/B phase (800 pulse/rotation)			Incremental A/B phase (800 pulse/rotation)		
	Rated voltage [V]				24 VDC ±10%			24 VDC ±10%			24 VDC ±10%		
	Power consumption [W] Note 7)				23		40		50				
	Standby power consumption when operating [W] Note 8)				16		15		48				
	Momentary max. power consumption [W] Note 9)				43		48		104				
	Controller weight [kg]				0.15 (Screw mounting), 0.17 (DIN rail mounting)			0.15 (Screw mounting), 0.17 (DIN rail mounting)			0.15 (Screw mounting), 0.17 (DIN rail mounting)		
Lock unit specifications	Type Note 10)				Non-energizing operation type			Non-energizing operation type			Non-energizing operation type		
	Holding force [N]				20	39	78	78	157	294	108	216	421
	Power consumption [W] Note 11)				3.6			5			5		
	Rated voltage [V]				24 VDC ±10%			24 VDC ±10%			24 VDC ±10%		

Note 1) Strokes shown in () and the intermediate strokes are produced upon receipt of order.

Note 2) Horizontal: The maximum value of the work load for the positioning operation. For the pushing operation, the maximum work load is equal to the "Vertical work load". An external guide is necessary to support the load. The actual work load and transfer speed will depend on the condition of the external guide.

Vertical: Speed is dependent on the work load. Check "Model Selection" in Series LEY Catalog (CAT.ES100-83).

Set acceleration/deceleration values to be 3000 [mm/s²] or less.

Note 3) Pushing force accuracy is ±20% (F.S.).

Note 4) Setting range of "Pushing force" for LEYG16 is from 35% to 85%, for LEYG25 is from 35% to 65%, and for LEYG32 is from 35% to 85%. It is possible that "Pushing force" and "Duty ratio" changes dependent on the set value. Check "Model Selection" in Series LEY Catalog (CAT.ES100-83).

Note 5) Pushing speed is the allowable speed for the pushing operation.

Note 6) Impact resistance: No malfunction occurred when it was tested with a drop tester in both an axial direction and a perpendicular direction to the lead screw. (Test was performed with the actuator in the initial state.)

Vibration resistance: No malfunction occurred in a test ranging between 45 to 2000 Hz. Test was performed in both an axial direction and a perpendicular direction to the lead screw. (Test was performed with the actuator in the initial state.)

Note 7) Power consumption (including the controller) is for when the actuator is operating.

Note 8) Standby power consumption when operating (including the controller) is for when the actuator is stopped in the set position during operation, except during pushing operation.

Note 9) Momentary max. power consumption (including the controller) is for when the actuator is operating. This value can be used for the selection of the power supply.

Note 10) With lock only

Note 11) For an actuator with lock, add the power consumption for the lock.

Series LEYG

Specifications

Servo Motor (24 VDC)

Model		LEYG16 ^M A			LEYG25 ^M A						
Actuator specifications	Stroke [mm] ^{Note 1)}	M	30, 50, 100, (200)			30, 50, 100, (200, 300)					
		L	(30), 50, 100, 200			(30), 50, 100, 200, (300)					
	Work load [kg] ^{Note 2)}	Horizontal	Acceleration and deceleration at 3000 [mm/s ²]			3	6	12	7	15	30
		Vertical	Acceleration and deceleration at 3000 [mm/s ²]			1.5	3.5	7.5	2	5	11
	Pushing force [N] ^{Note 3) 4)}		16 to 30	30 to 58	57 to 111	18 to 35	37 to 72	66 to 130			
	Speed [mm/s]		15 to 500	8 to 250	4 to 125	18 to 500	9 to 250	5 to 125			
	Pushing speed [mm/s] ^{Note 5)}		50 or less			35 or less					
	Max. acceleration and deceleration [mm/s ²]					3,000					
	Positioning repeatability [mm]					±0.02					
	Screw lead [mm]		10	5	2.5	12	6	3			
Impact/Vibration resistance [m/s ²] ^{Note 6)}					50/20						
Actuation type					Ball screw + Belt						
Guide type					Slide bearing (LEYG□M), Ball bushing bearing (LEYG□L)						
Operating temp. range [°C]					5 to 40						
Operating humidity range [%]					35 to 85 (No condensation and freezing)						
Electric specifications	Motor size		□28			□42					
	Motor output [W]		30			36					
	Motor type					Servo motor (24 VDC)					
	Encoder					Incremental A/B phase (800 pulse/rotation)/Z phase					
	Rated voltage [V]					24 VDC ±10%					
	Power consumption [W] ^{Note 7)}		40			86					
	Standby power consumption when operating [W] ^{Note 8)}		4 (Horizontal)/6 (Vertical)			4 (Horizontal)/12 (Vertical)					
Lock unit specifications	Momentary max. power consumption [W] ^{Note 9)}		59			96					
	Controller weight [kg]		0.15 (Screw mounting), 0.17 (DIN rail mounting)								
	Type ^{Note 10)}					Non-energizing operation type					
Holding force [N]		20	39	78	78	157	294				
Power consumption [W] ^{Note 11)}		3.6			5						
Rated voltage [V]					24 VDC ±10%						

Note 1) Strokes shown in () and the intermediate strokes are produced upon receipt of order.

Note 2) Horizontal: The maximum value of the work load for the positioning operation. For the pushing operation, the maximum work load is equal to the "Vertical work load".

The external guide is necessary to support the load. The actual work load and transfer speed will depend on the condition of the external guide.

Vertical: For details, check "Model Selection" in Series LEY Catalog (CAT.ES100-83).

Set acceleration/deceleration values to be 3000 [mm/s²] or less.

Note 3) Pushing force accuracy is ±20% (F.S.).

Note 4) Setting range of "Pushing force" for LEYG16A is from 50% to 95% and for LEYG25A is from 50% to 95%.

It is possible that "Pushing force" and "Duty ratio" changes dependent on the set value. Check "Model Selection" in Series LEY Catalog (CAT.ES100-83).

Note 5) Pushing speed is the allowable speed for the pushing operation.

Note 6) Impact resistance: No malfunction occurred when it was tested with a drop tester in both an axial direction and a perpendicular direction to the lead screw. (Test was performed with the actuator in the initial state.)

Vibration resistance: No malfunction occurred in a test ranging between 45 to 2000 Hz. Test was performed in both an axial direction and a perpendicular direction to the lead screw.

(Test was performed with the actuator in the initial state.)

Note 7) Power consumption (including the controller) is for when the actuator is operating.

Note 8) Standby power consumption when operating (including the controller) is for when the actuator is stopped in the set position during operation, except during pushing operation.

Note 9) Momentary max. power consumption (including the controller) is for when the actuator is operating. This value can be used for the selection of the power supply.

Note 10) With lock only

Note 11) For an actuator with lock, add the power consumption for the lock.

Weight

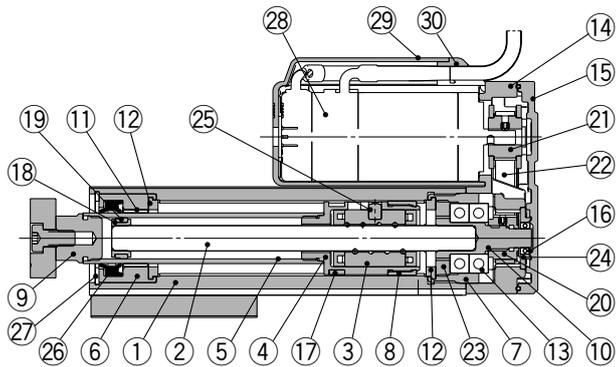
Model		LEYG16M				LEYG25M				LEYG32M					
Stroke [mm]		30	50	100	200	30	50	100	200	300	30	50	100	200	300
Product weight [kg]	Step motor	0.83	0.97	1.20	1.66	1.67	1.86	2.18	2.94	3.54	2.91	3.17	3.72	4.95	5.88
	Servo motor	0.83	0.97	1.20	1.66	1.63	1.82	2.14	2.90	3.50	—	—	—	—	—
Model		LEYG16L				LEYG25L				LEYG32L					
Stroke [mm]		30	50	100	200	30	50	100	200	300	30	50	100	200	300
Product weight [kg]	Step motor	0.84	0.97	1.14	1.58	1.68	1.89	2.13	2.82	3.38	2.91	3.18	3.57	4.66	5.56
	Servo motor	0.84	0.97	1.14	1.58	1.64	1.85	2.09	2.78	3.34	—	—	—	—	—

Additional Weight

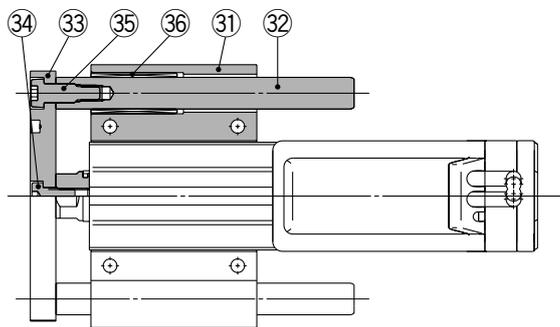
(kg)

Size	16	25	32
Lock	0.12	0.26	0.53
Motor cover	0.02	0.03	0.04

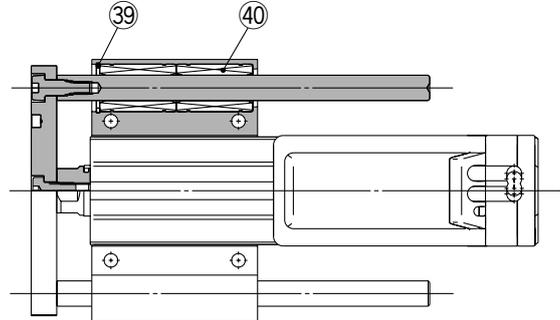
Construction



LEYG□M



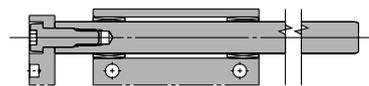
LEYG□L



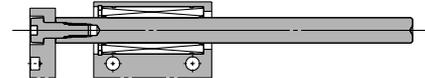
LEYG¹⁶/₃₂M: 50st or less



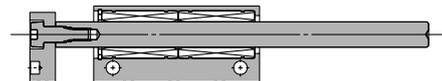
LEYG¹⁶/₃₂M: Over 50st



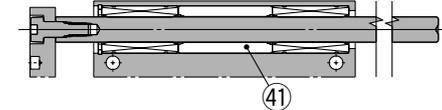
LEYG16L: 30st or less
LEYG²⁵/₃₂L: 100st or less



LEYG16L: Over 30st, 100st or less

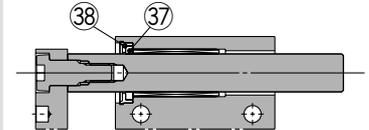


LEYG¹⁶/₃₂L: Over 100st



When selecting the "grease holding function"

LEYG²⁵/₃₂M□□^A/_C-□□F: 50st or less



LEYG²⁵/₃₂M□□^A/_C-□□F: Over 50st



Note) Felt material is inserted to hold grease at the sliding part of the slide bearing. This lengthens the life of the sliding part, but does not guarantee it permanently.

Replacement Parts/Belt

No.	Size	Order no.
22	16	LE-D-2-1
	25	LE-D-2-2
	32	LE-D-2-3

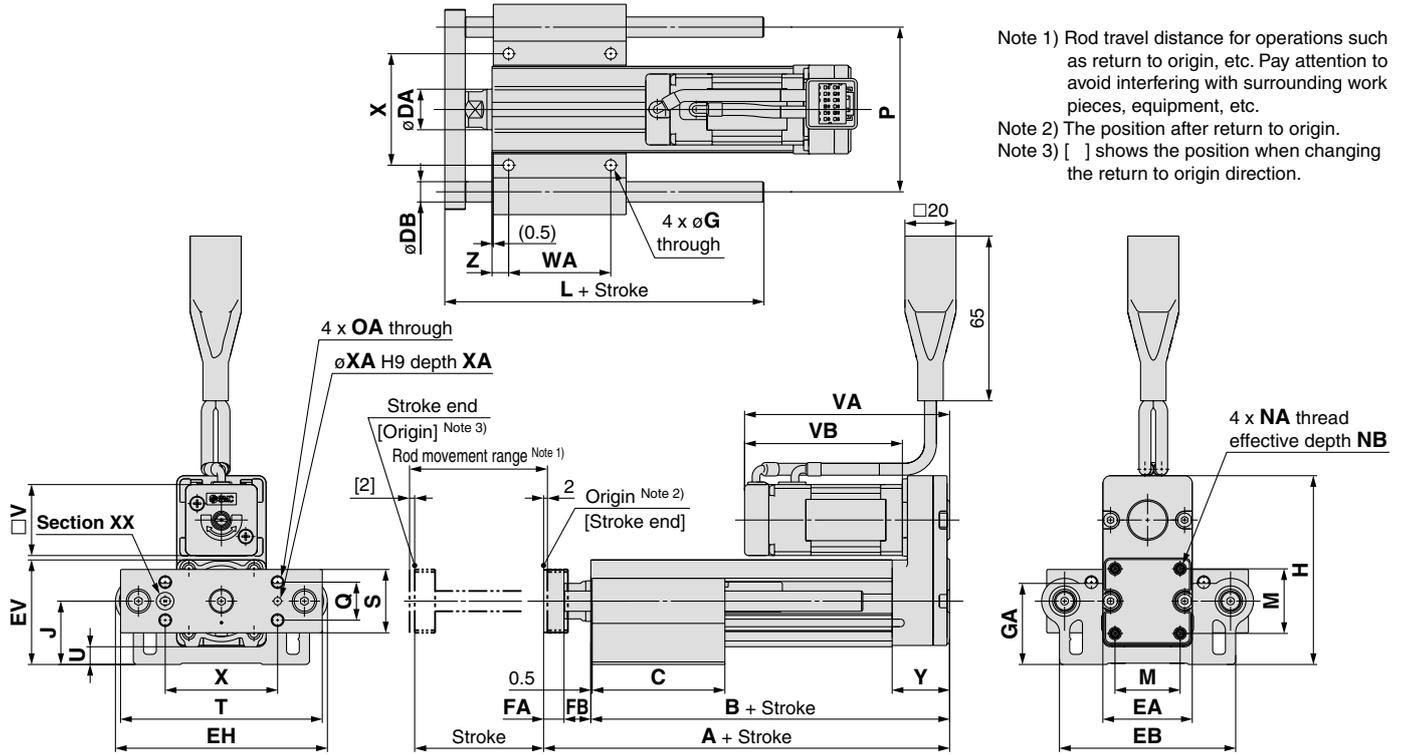
Component Parts

No.	Description	Material	Note
1	Body	Aluminum alloy	Anodized
2	Ball screw (shaft)	Alloy steel	
3	Ball screw nut	Resin/Alloy steel	
4	Piston	Aluminum alloy	
5	Piston rod	Stainless steel	Hard chrome anodized
6	Rod cover	Aluminum alloy	
7	Housing	Aluminum alloy	
8	Rotation stopper	POM	
9	Socket	Free cutting carbon steel	Nickel plated
10	Connected shaft	Free cutting carbon steel	Nickel plated
11	Bushing	Lead bronze cast	
12	Bumper	Urethane	
13	Bearing	—	
14	Return box	Aluminum die-cast	
15	Return plate	Aluminum die-cast	
16	Bearing	—	
17	Magnet	—	
18	Wear ring holder	Stainless steel	Stroke 101 mm or more
19	Wear ring	POM	Stroke 101 mm or more
20	Pulley for screw shaft	Aluminum alloy	
21	Pulley for motor	Aluminum alloy	

No.	Description	Material	Note
22	Belt	—	
23	Bearing stopper	Aluminum alloy	
24	Bearing support	Stainless steel	
25	Parallel pin	Stainless steel	
26	Rod seal	NBR	
27	Retaining ring	Steel for spring	Phosphate coated
28	Step servo motor	—	
29	Motor cover	Synthetic resin	
30	Grommet	Synthetic resin	
31	Guide attachment	Aluminum alloy	Anodized
32	Guide rod	Carbon steel	
33	Plate	Aluminum alloy	Anodized
34	Plate mounting bolt	Carbon steel	Nickel plated
35	Guide bolt	Carbon steel	Nickel plated
36	Slide bearing	—	
37	Felt	Felt	
38	Holder	Resin	
39	Retaining ring	Steel for spring	Phosphate coated
40	Ball bushing	—	
41	Spacer	Aluminum alloy	Chromated

Series LEYG

Dimensions



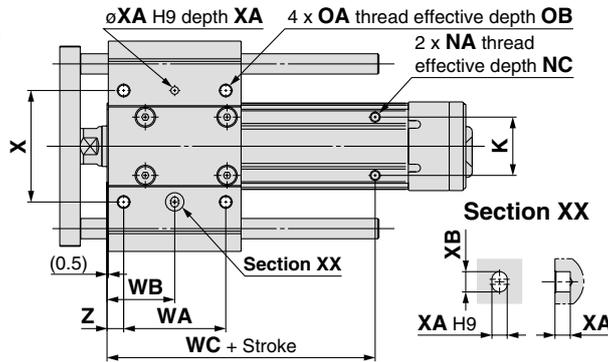
Note 1) Rod travel distance for operations such as return to origin, etc. Pay attention to avoid interfering with surrounding work pieces, equipment, etc.

Note 2) The position after return to origin.

Note 3) [] shows the position when changing the return to origin direction.

LEYG□L (Ball Bushing Bearing) Standard Stroke: 50, 100, 200

Size	Stroke range	L	DB
16	90st or less	75	8
	91st or more, 200st or less	105	
	114st or less	91	
25	115st or more, 190st or less	115	10
	191st or more, 300st or less	133	
	114st or less	97.5	
32	115st or more, 190st or less	116.5	13
	191st or more, 300st or less	134	



LEYG□M (Slide Bearing) Standard Stroke: 30, 50, 100

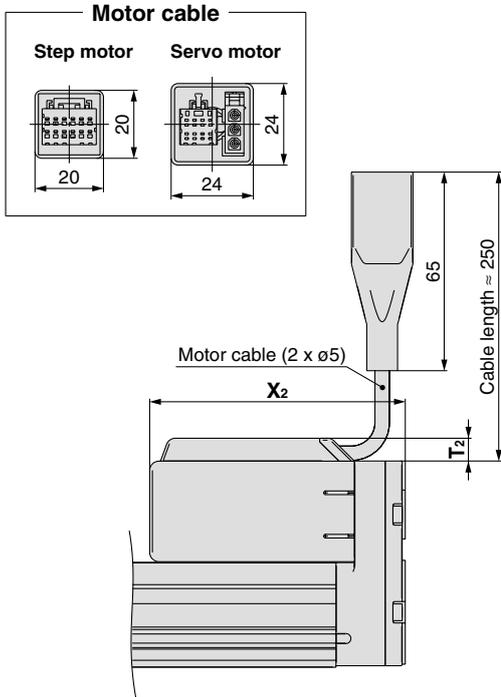
Size	Stroke range	L	DB
16	64st or less	51.5	10
	65st or more, 90st or less	74.5	
	91st or more, 200st or less	105	
25	59st or less	67.5	12
	60st or more, 185st or less	100.5	
	186st or more, 300st or less	138	
32	54st or less	74	16
	55st or more, 180st or less	107	
	181st or more, 300st or less	144	

LEYG□M, LEYG□L Common

Size	Stroke range	A	B	C	DA	EA	EB	EH	EV	FA	FB	G	GA	H	J	K	M	NA	NB	NC	OA
		OB	P	Q	S	T	U	V	VA	VB	VA	VB	WA	WB	WC	X	XA	XB	Y	Z	
16	39st or less	10	65	15	25	79	7	28	80.3	61.8	81	62.5	25	19	55	44	3	4	22.5	6.5	
	40st or more, 100st or less												40	26.5							
	101st or more, 200st or less												70	41.5							
25	39st or less	12	80	18	30	95	7	42	85.4	63.4	81.6	59.6	35	26	70	54	4	5	26.5	8.5	
	40st or more, 100st or less												50	33.5							
	101st or more, 124st or less												70	43.5							
	125st or more, 200st or less												85	51							
	201st or more, 300st or less												40	28.5							
32	39st or less	12	95	28	40	117	7.5	56.4	95.4	68.4	—	—	50	33.5	75	64	5	6	34	8.5	
	40st or more, 100st or less												50	33.5							
	101st or more, 124st or less												70	43.5							
	125st or more, 200st or less												85	51							
	201st or more, 300st or less												40	28.5							

Dimensions

With motor cover/LEYG25□□B-□C
 16 A
 32 C

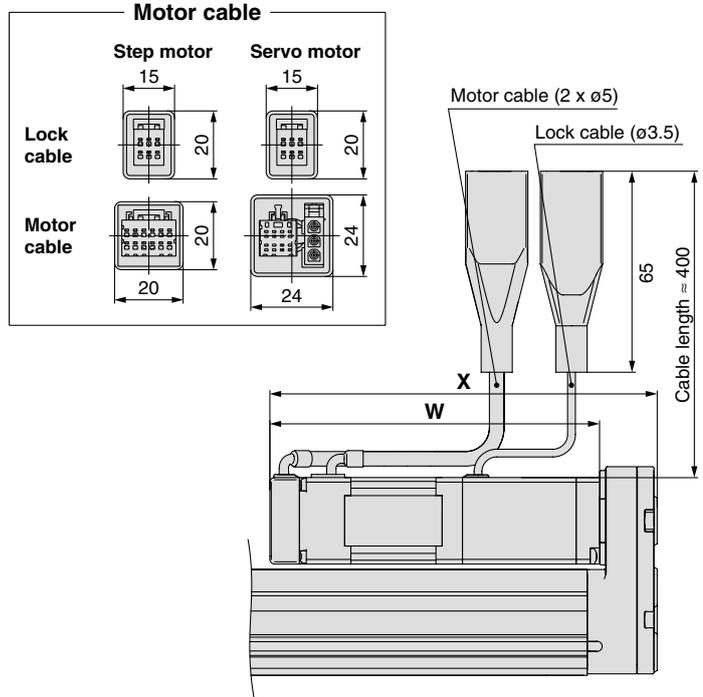


(mm)

Size	T ₂	X ₂
16	7.5	83
25	7.5	88.5
32	7.5	98.5

Motor cover material: Synthetic resin

With lock/LEYG25□□B-□B
 16 A
 32 C



(mm)

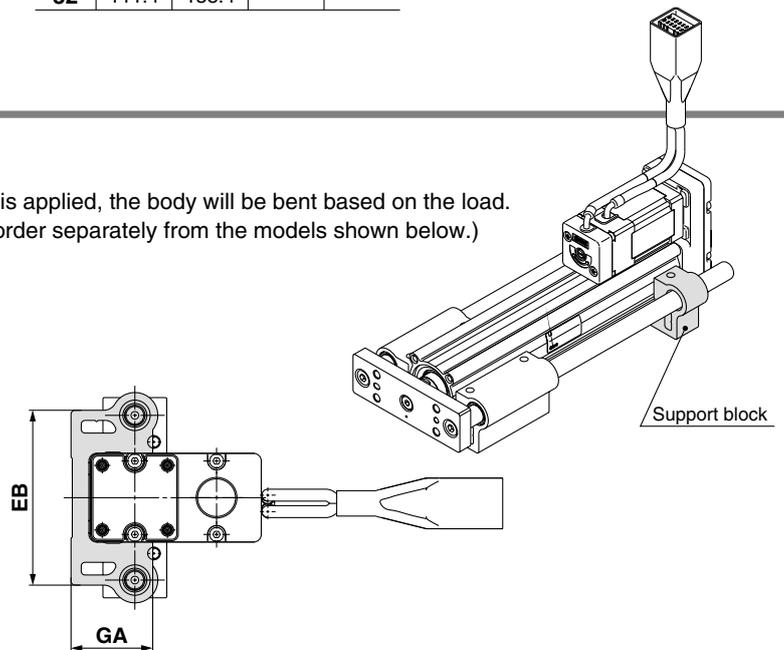
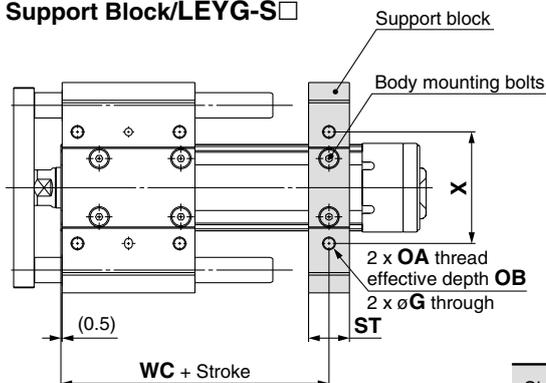
Size	Step motor		Servo motor	
	W	X	W	X
16	105.8	124.3	106.5	125
25	103.9	125.9	100.1	122.1
32	111.4	138.4	—	—

Support Block

● Guide for support block application

When the stroke exceeds 100 mm and the lateral load is applied, the body will be bent based on the load. Mounting the support block is recommended. (Please order separately from the models shown below.)

Support Block/LEYG-S□



Size	Model	Stroke range	EB	G	GA	OA	OB	ST	WC	X
16	LEYG-S016	100st or less	69	4.3	32	M5 x 0.8	10	16	75	44
		101st or more, 200st or less							55	
25	LEYG-S025	100st or less	85	5.4	40.5	M6 x 1.0	12	20	70	54
		101st or more, 300st or less							95	
		101st or more, 300st or less							75	
32	LEYG-S032	100st or less	101	5.4	50.5	M6 x 1.0	12	22	75	64
		101st or more, 300st or less							105	

⚠ Caution

Do not install the body using only a support block. The support block should be used only for support.

* Two body mounting bolts are included with the support block.

