Electric Actuator/Slider Type Belt Drive
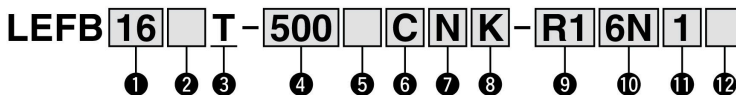
Applicable to the LEC□ series

LEFB Series LEFB16, 25, 32

CE c ᵁᴸ us
RoHS

Refer to page 91-1 for the communication protocols EtherCAT®, EtherNet/IP™, PROFINET, DeviceNet™, and IO-Link.

How to Order

The belt drive actuator cannot be used vertically for applications.

LEFB **16** ☐ **T**–**500** ☐ **C** **N** **K**–**R1** **6N** **1** ☐
    ❶ ❷ ❸   ❹   ❺ ❻ ❼ ❽   ❾   ❿   ⓫ ⓬

❶ Size

16
25
32

❸ Equivalent lead [mm]

T	48

❹ Stroke [mm]

300	300
to	to
2000	2000

∗ Refer to the applicable stroke table.

❺ Motor option

Nil	Without option
B	With lock

❻ Auto switch mounting bracket∗

Nil	None
C	With 1 pc. (Included)

∗ Excluding the LEF16
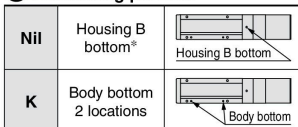∗ If 2 or more are required, please order them separately. (Part no.: LEF-D-2-1 For details, refer to page 112-1.)
∗ Order auto switches separately. (For details, refer to pages 112-2 and 112-3.)
∗ If "Nil" is selected, the auto switch mounting bracket cannot be secured.

❼ Grease application (Seal band part)

Nil	With
N	Without (Roller specification)

❽ Positioning pin hole

Nil	Housing B bottom∗	Housing B bottom
K	Body bottom 2 locations	Body bottom

∗ Refer to the body mounting example on page 114 for the mounting method.

❷ Motor type

Symbol	Type	Applicable size			Compatible controller/driver
		LEFB16	LEFB25	LEFB32	
Nil	Step motor (Servo/24 VDC)	●	●	●	LECP6 LECP1 LECPA LECPMJ
A	Servo motor (24 VDC)	●	●	—	LECA6

⚠ 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 page 568 for the noise filter set. Refer to the LECA series Operation Manual for installation.
③ CC-Link direct input type (LECPMJ) is not CE-compliant.

[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

●: Standard

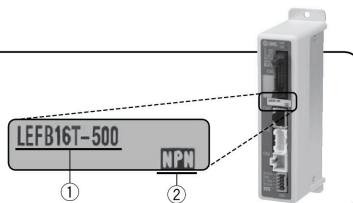| Model	Stroke	300	500	600	700	800	900	1000	1200	1500	1800	2000
LEFB16		●	●	●	●	●	●	●	—	—	—	—
LEFB25		●	●	●	●	●	●	●	●	●	●	●
LEFB32		●	●	●	●	●	●	●	●	●	●	●

∗ Please consult with SMC for non-standard strokes as they are produced as special orders.

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.>
① Check the actuator label for model number. This matches the controller/driver.
② Check Parallel I/O configuration matches (NPN or PNP).

LEFB16T–500 NPN
① ②

∗ Refer to the Operation Manual for using the products. Please download it via our website, http://www.smcworld.com

SMC