

Discontinue

Linear slide cylinder Double acting/single rod

LCX Series

● Bore size: $\varnothing 25/\varnothing 32$

JIS symbol



Specifications

Descriptions	LCX	
Bore size mm	$\varnothing 25$	$\varnothing 32$
Actuation	Double acting	
Working fluid	Compressed air	
Max. working pressure MPa	0.7	
Min. working pressure MPa	0.15	
Proof pressure MPa	1.05	
Ambient temperature °C	-10 to 60 (no freezing) (*1)	
Port size	M5	
Stroke tolerance mm	+2.0 0 (*2)	
Working piston speed mm/s	20 to 500 (*3)	
Cushion	With rubber cushion	
Lubrication	Not available	
Allowable absorbed energy J	Refer to the following.	

*1: Contact CKD if the use environment is always cold (5°C or below) or hot (40°C and above).

*2: Note that there will be a slight gap between the end plate and floating bush if no stopper is attached.

*3: Keep within 20 to 200 mm/s when using a metal stopper.

Stroke length

Bore size (mm)	Standard stroke length (mm)
$\varnothing 25$	10, 20, 30, 40, 50
$\varnothing 32$	10, 20, 30, 40, 50

Note: Products with stroke lengths other than the above are not available.

LCX allowable absorbed energy (E_0)

Bore size	Standard (J)	Cushion stopper (J)	Metal stopper (J)	Shock absorber stopper (J)
$\varnothing 25$	0.34	0.14	0.07	1.3
$\varnothing 32$				

Combined
functions

Compatibility table by variation

Applicable bore size		Double acting/ single rod
ø25/ 32	P4	●
	P40	●

● : Standard ○ : Made to order ▲ : Contact CKD □ : Not applicable

*1: Even when P40 is selected for the external stopper option, electrolytic nickel plating is used for the stopper part.

How to order

Without switch

LCX - 25 - 40 - S5 P4 P40

With switch

LCX - 25 - 40 - SW11 - R - A1T P4 P40

Model No.

Ⓐ Bore size

Ⓑ Stroke length

Ⓒ Switch model No.

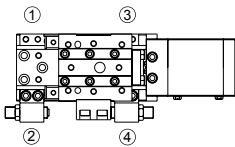
Ⓓ Switch quantity

Ⓔ Stopper


⚠ Precautions for model No. selection

- *1: The steel stopper block (nitriding) (code: T) is recommended for a metal stopper.
- *2: Combination of the rubber cushion stopper, metal stopper and shock absorber stopper is made to order.
- *3: Keep within 20 to 200 mm/s when using a metal stopper.
- *4: Can be selected for the type with stopper only.
- *5: A5* and A6* cannot be selected for 10 mm stroke length.
- *6: The positioning hole enables assembling of the crossed unit and two-stage unit without adjusting the position. Use a positioning bolt as well.

● Stopper position



Related products

Speed controller											
Model No.	Appearance	Port size (Rc or R)				Compatible tube O.D.					Page
		M5	1/8	1/4	3/8	4(ø4)	6(ø6)	8(ø8)	10(ø10)	12(ø12)	
SC3W-M5- *-P4		●				●	●				232

Specify the compatible tube O.D. code for *.

Code	Content
Ⓐ Bore size	
25	ø25
32	ø32
Ⓑ Stroke length (mm)	
10	10
20	20
30	30
40	40
50	50
Ⓒ Switch model No.	
Refer to the compatibility table on Intro Pages 21 to 24 for switch model No.	
Ⓓ Switch quantity	
R	1 on rod side
H	1 on head side
D	2
Ⓔ Stopper	
Blank	Without stopper
S Rubber cushion stopper	
S1*	Stopper position ① (can be changed to ④)
S2*	Stopper position ② (can be changed to ③)
S3*	Stopper position ③ (can be changed to ②)
S4*	Stopper position ④ (can be changed to ①)
S5*	Stopper position ①, ③
S6*	Stopper position ②, ④
M Metal stopper	
M1*	Stopper position ① (can be changed to ④)
M2*	Stopper position ② (can be changed to ③)
M3*	Stopper position ③ (can be changed to ②)
M4*	Stopper position ④ (can be changed to ①)
M5*	Stopper position ①, ③
M6*	Stopper position ②, ④
A Shock absorber stopper	
A1*	Stopper position ① (can be changed to ④)
A2*	Stopper position ② (can be changed to ③)
A3*	Stopper position ③ (can be changed to ②)
A4*	Stopper position ④ (can be changed to ①)
A5*	Stopper position ①, ③
A6*	Stopper position ②, ④
* part	
Blank	Stopper block material: steel
T	Stopper block material: steel (nitriding) *4