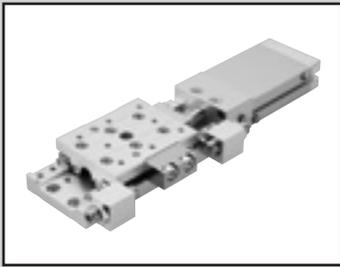


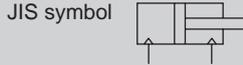
SCPD3  
SCM  
SSD2  
MDC2  
SMG  
LCM  
LCR  
LCG  
LCX  
STM  
STG  
STR2  
MRL2  
GRC  
Cylinder switch  
MN3E  
MN4E  
4GA/B  
M4GA/B  
MN4GA/B  
F.R (module unit)  
Clean F.R  
Precision R  
Press gauge  
Diff. press gauge  
Electro-pneumatic R  
Speed controller  
Auxiliary valve  
Fitting/tube  
Clean air unit  
Pressure sensor  
Flow rate sensor  
Valve for air blow  
Ending



Linear slide cylinder Double acting/single rod clean room specifications

# LCX Series

● Bore size:  $\phi 25/\phi 32$



## Specifications

Descriptions		LCX-P7*	
Bore size	mm	$\phi 25$	$\phi 32$
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	
Port size (relief port)		M5	
Stroke tolerance	mm	+2.0 0 (*2)	
Working piston speed	mm/s	20 to 500	
Cushion		With rubber cushion	
Lubrication		Not available	
Allowable energy absorption	J	Refer to table 3 on page 189.	

## Structure and material restriction

	Structure	Model No.
P7 Series	Exhaust treatment	<b>P72</b>
	Vacuum treatment	<b>P73</b>

## Stroke length

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

Note: Stroke lengths other than above are not available.

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

\*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.

## Theoretical thrust table

Refer to page 188.

## Switch specifications

● 1-color/2-color display

Descriptions	Reed 2-wire				Proximity 2-wire		Proximity 3-wire		
	T0H/T0V		T5H/T5V		T2H/T2V	T2WH/T2WV	T3H/T3V	T3PH/T3PV	T3WH/T3WV
Applications	Programmable controller, relay		Programmable controller, relay IC circuit (without indicator lamp), serial connection		Programmable controller		Programmable controller, relay		
Output method	-		-		-		NPN output	PNP output	NPN output
Power supply voltage	-		-		-		10 to 28 VDC		
Load voltage	12/24 VDC	110 VAC	5/12/24 VDC	110 VAC	10 to 30 VDC	24 VDC $\pm$ 10%	30 VDC or less		
Load current	5 to 50 mA	7 to 20 mA	50 mA or less	20 mA or less	5 to 20 mA (*2)		100 mA or less		50 mA or less
Indicator lamp	LED (Lit when ON)		Without indicator lamp		LED (Lit when ON)	Red/green LED (Lit when ON)	LED (Lit when ON)	Yellow LED (Lit when ON)	Red/green LED (Lit when ON)
Leakage current	0 mA				1 mA or less		10 $\mu$ A or less		
Weight	g 1 m: 18 3 m: 49 5 m: 80				g 1 m: 18 3 m: 49 5 m: 80		g 1 m: 18 3 m: 49 5 m: 80		

\*1: Refer to page 309 for detailed switch specifications and dimensions.

\*2: The maximum load current of 20 mA is for 25°C. The current will be lower than 20 mA when operating ambient temperature around the switch is higher than 25°C. (5 to 10 mA at 60°C)

## Cylinder weight

● Clean room specifications

(Unit: g)

Bore size (mm)	Basic Stroke length (mm)				
	10	20	30	40	50
$\phi 25$	1,010	1,040	1,060	1,180	1,200
$\phi 32$	1,060	1,090	1,110	1,240	1,260

● Weight of variation/option (stopper)

(Unit: g)

Bore size (mm)	Option/stopper code			
	S1 to S4	M1 to M4	S5/S6	M5/M6
$\phi 25$	170		240	
$\phi 32$	170		240	

### How to order

Without switch (Magnet for switch incorporated)



With switch (Magnet for switch incorporated)



Model No.

A Bore size

B Stroke length

F Option

G Clean room specifications

C Switch model No.  
\*7

D Switch quantity

E Stopper

### ⚠ Precautions for model No. selection

- \*1: To change the adjustable stroke length, use a discrete rubber cushion stopper or metal stopper on page 178.
- \*2: Can be selected for the type with stopper only.
- \*3: The alloy steel stopper block (code: T) is recommended for a metal stopper.
- \*4: Combination of the rubber cushion stopper and metal stopper is custom order.
- \*5: Keep within 20 to 200 mm/s when using a metal stopper.
- \*6: Refer to page 179 for a discrete cylinder model No.
- \*7: Be careful of the lead wire direction when designing the 30 mm or less stroke length of axial lead wire and the 20 mm stroke length of radial lead wire since a switch is installed in each groove of the body.

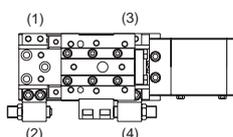
### [Example of model No.]

#### LCX-25-40-T2H-R-S1TEP72

Model No.: Linear slide cylinder Double acting/  
single rod (clean room specifications) LCX-P7\*

- A Bore size :  $\phi 25$
- B Stroke length : 40 mm
- C Switch model No.: Proximity/2 wires/Lead wire 1 m  
Lead wire straight
- D Switch quantity : 1 (on rod end)
- E Stopper : Rubber cushion stopper  
Stopper position (1)  
Material, alloy steel (nitriding)
- F Option : With positioning hole
- G Clean room specifications : Exhaust treatment

● Stopper position



Code	Content					
<b>A Bore Code size</b>						
25	$\phi 25$					
32	$\phi 32$					
<b>B Stroke length (mm)</b>						
10	10					
20	20					
30	30					
40	40					
50	50					
<b>C Switch model No.</b>						
Lead wire straight	Lead wire L-shaped	Contact	Voltage		Display	Lead wire
			AC	DC		
T0H*	T0V*	Reed	●	●	1-color display Without indicator lamp	2 wires
T5H*	T5V*		●	●		
T2H*	T2V*	Proximity		●	1-color display	2 wires
T3H*	T3V*			●		3 wires
T3PH*	T3PV*			●	1-color display (PNP output)	3 wires
T2WH*	T2WV*			●	2-color display	2 wires
T3WH*	T3WV*			●		3 wires
<b>* Lead wire length</b>						
Blank	1 m (standard)					
3	3 m (option)					
5	5 m (option)					
<b>D Switch quantity</b>						
R	1 (on rod end)					
H	1 (on head end)					
D	2					
<b>E Stopper</b>						
Blank	Without stopper					
<b>S Cushion cushion stopper</b>			<b>*1, *4</b>			
S1*	Stopper position (1) (can be changed to (4))				Stopper mounting position	
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)					
<b>M Metal stopper</b>			<b>*1, *3, *4, *5</b>			
M1*	Stopper position (1) (can be changed to (4))				Stopper mounting position	
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)					
<b>* Part</b>						
Blank	Stopper block material: Rolled steel					
T	Stopper block material: Alloy steel (nitriding)		<b>*2</b>			
<b>F Option</b>						
Blank	No option					
E	With positioning hole					
<b>G Clean room specifications</b>						
			Structure			
P72	Exhaust treatment					
P73	Vacuum treatment					

SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
<b>LCX</b>
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E
MN4E
4GA/B
M4GA/B
MN4GA/B
F.R.(module unit)
Clean F.R
Precision R
Press gauge
Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending

## How to order switch

**SW - T2H3**

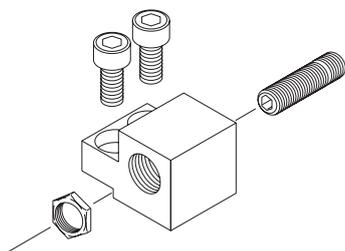
Switch model No.  
(Item © on page 177)

## How to order a stopper set

- A set of a stopper and rubber cushion stopper or metal stopper
- Use this when changing from the standard to the with rubber cushion stopper or metal stopper

**LCX - 25 - S 2 - S02**

Bore size  
(Item ① on page 177)



A Stopper	
<b>S</b>	Cushion stopper
<b>M</b>	Metal stopper

B Stopper mounting position	
<b>1</b>	Stopper position (1) or for (4)
<b>2</b>	Stopper position (2) or for (3)

C Stroke adjusting amount	
<b>Blank</b>	Adjustable stroke range 10 mm
<b>S02</b>	Adjustable stroke range 20 mm

(Unit: g)

Model No.				Weight
<b>LCX</b>	25	S1	Blank	70
		S2	S02	80
	32	M1	Blank	70
		M2	S02	80

## How to order discrete rubber cushion stopper

- Hexagon socket set screw with urethane
- Use this when changing the adjustable stroke range or when using custom stroke length

**LCX - 25 - S02**

Bore size  
(Item ① on page 177)



A Adjustable stroke range	
<b>S01</b>	Single side 10 mm (standard)
<b>S02</b>	Single side 20 mm

(Unit: g)

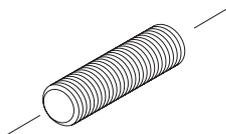
Model No.			Weight
<b>LCX</b>	25	S01	30
	32	S02	40

## How to order discrete metal stopper

- Use when changing the adjustable stroke range or when using a custom stroke length

**LCX - 25 - M02**

Bore size  
(Item ① on page 177)



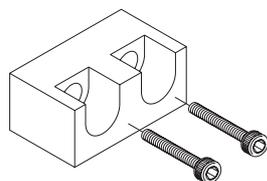
A Adjustable stroke range	
<b>M01</b>	Single side 10 mm (standard)
<b>M02</b>	Single side 20 mm

(Unit: g)

Model No.			Weight
<b>LCX</b>	25	M01	30
	32	M02	40

### How to order discrete stopper block

- Use this when changing from the standard to the with rubber cushion stopper or metal stopper



LCX - 25 - SB1 T

Bore size  
(Item A on page 177)

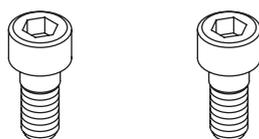
A Stopper block	
SB1	For 30, 50 mm stroke length
SB2	For 10, 20, 40 mm stroke length
B Material	
Blank	Stopper block material: Rolled steel
T	Stopper block material: steel (nitriding)

(Unit: g)

	Model No.		Weight
LCX	25	SB1 (T)	80
	32	SB2 (T)	100

### How to order positioning bolt

- A hexagon socket head cap screw for positioning
- Enables assembling of the crossed unit and two-stage unit without adjusting the position



(2 pieces/set)

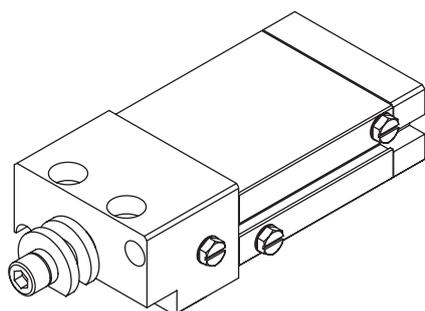
LCX - 25 - J

(Unit: g)

	Model No.		Weight
LCX	25	J	10

\* Weight per set (2 pieces)

### How to order discrete cylinder



LCX - CYL - 25 - 40 - P72

Bore size  
(Item A on page 177)

Stroke length  
(Item B on page 177)

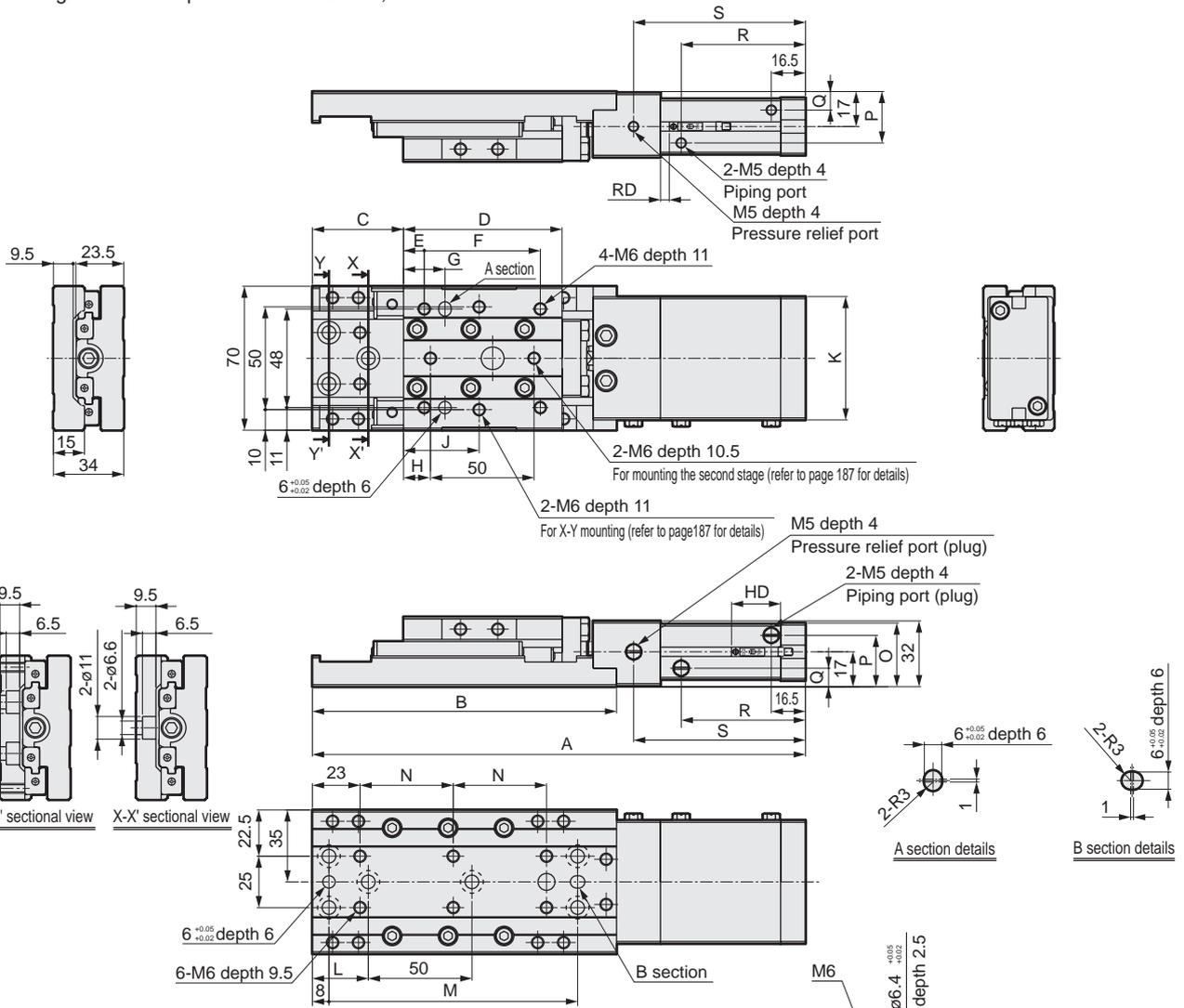
A Variation	
P72	Clean room specifications (exhaust treatment)
P73	Clean room specifications (vacuum treatment)

- SCPD3
- SCM
- SSD2
- MDC2
- SMG
- LCM
- LCR
- LCG
- LCX**
- STM
- STG
- STR2
- MRL2
- GRC
- Cylinder Switch
- MN3E  
MN4E
- 4GA/B
- M4GA/B
- MN4GA/B
- F.R. (module unit)
- Clean F.R
- Precision R
- Press gauge  
Diff. press gauge
- Electro-pneumatic R
- Speed controller
- Auxiliary valve
- Fitting/tube
- Clean air unit
- Pressure sensor
- Flow rate sensor
- Valve for air blow
- Ending

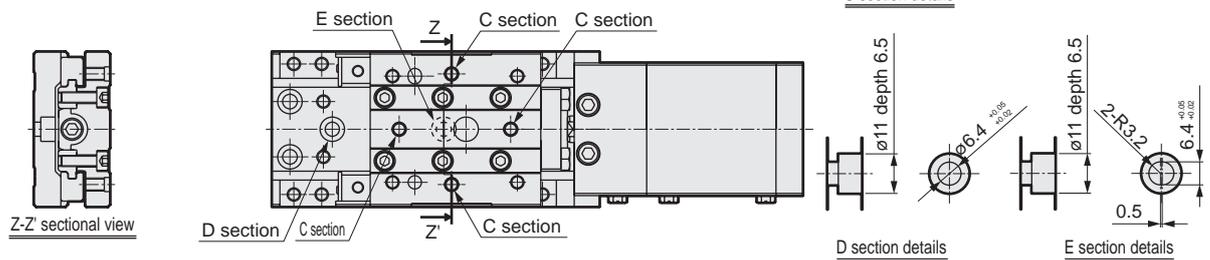
## Dimensions



● Double acting/clean room specifications LCX-25, 32-P7\*



● With positioning hole LCX-25, 32-EP7\*



Bore size	Stroke length	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	RD			HD																	
																				T0*	T2*	T2W*	T0*	T2*	T2W*															
																				T5*	T3*	T3W*	T5*	T3*	T3W*															
ø25	10	218		34														40	63																					
	20	228	147	39	76.5	10	56	20	13	36.5		27	120	45				50	73																					
	30	238		44														60	83																					
	40	268		49	86.5	15	64	30	23	46.5		41	140	55				70	93																					
	50	278	167	54															80	103																				
ø32	10	218		34														40	63																					
	20	228	147	39	76.5	10	56	20	13	36.5		27	120	45				50	73																					
	30	238		44														60	83																					
	40	268		49	86.5	15	64	30	23	46.5		41	140	55				70	93																					
	50	278	167	54															80	103																				

SCPD3

SCM

SSD2

MDC2

SMG

LCM

LCR

LCG

**LCX**

STM

STG

STR2

MRL2

GRC

Cylinder  
SwitchMN3E  
MN4E

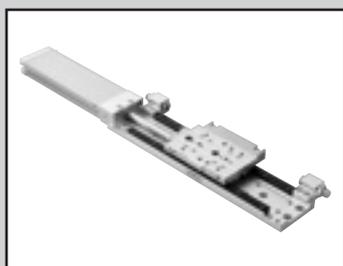
4GA/B

M4GA/B

MN4GA/B

F.R. (module  
unit)Clean  
F.RPrecision  
RPress gauge  
Diff. press gaugeElectro-  
pneumatic RSpeed  
controllerAuxiliary  
valveFitting/  
tubeClean  
air unitPressure  
sensorFlow rate  
sensorValve for  
air blow

Ending



Linear slide cylinder double acting/single rod clean room specifications/long stroke length

# LCX-\*L Series

● Bore size:  $\phi 25/\phi 32$



## Specifications

Descriptions	LCX-*L-P7*	
Bore size mm	$\phi 25$	$\phi 32$
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	
Port size (relief port)	M5	
Stroke tolerance mm	+2.0 0 (*2)	
Working piston speed mm/s	20 to 500	
Cushion	With rubber cushion	
Lubrication	Not available	
Allowable energy absorption J	Refer to table 3 on page 189.	

## Structure and material restriction

	Structure	Model No.
P7 Series	Exhaust treatment	<b>P72</b>
	Vacuum treatment	<b>P73</b>

## Stroke length

Bore size (mm)	Standard stroke length (mm)
$\phi 25$	75, 100, 125, 150
$\phi 32$	75, 100, 125, 150

Note: The stroke length other than above is not available.

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

\*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.

## Theoretical thrust table

Refer to page 188.

## Switch specifications

● 1-color/2-color display

Descriptions	Reed 2-wire				Proximity 2-wire		Proximity 3-wire		
	T0H/T0V		T5H/T5V		T2H/T2V	T2WH/T2WV	T3H/T3V	T3PH/T3PV	T3WH/T3WV
Applications	Programmable controller, relay		Programmable controller, relay IC circuit (without indicator lamp), serial connection		Programmable controller		Programmable controller, relay		
Output method	-		-		-		NPN output	PNP output	NPN output
Power supply voltage	-		-		-		10 to 28 VDC		
Load voltage	12/24 VDC	110 VAC	5/12/24 VDC	110 VAC	10 to 30 VDC	24 VDC $\pm 10\%$	30 VDC or less		
Load current	5 to 50 mA	7 to 20 mA	50 mA or less	20 mA or less	5 to 20 mA (*2)		100 mA or less		50 mA or less
Indicator lamp	LED (Lit when ON)		Without indicator lamp		LED (Lit when ON)	Red/green LED (Lit when ON)	LED (Lit when ON)	Yellow LED (Lit when ON)	Red/green LED (Lit when ON)
Leakage current	0 mA				1 mA or less		10 $\mu$ A or less		
Weight g	1 m: 18 3 m: 49 5 m: 80		1 m: 18 3 m: 49 5 m: 80		1 m: 18 3 m: 49 5 m: 80		1 m: 18 3 m: 49 5 m: 80		

\*1: Refer to page 309 for detailed switch specifications and dimensions.

\*2: The maximum load current of 20 mA is for 25°C. The current will be lower than 20 mA when operating ambient temperature around the switch is higher than 25°C. (5 to 10 mA at 60°C)

## Cylinder weight

● Clean room specifications

(Unit: g)

Bore size (mm)	Basic Stroke length (mm)			
	75	100	125	150
$\phi 25$	1,530	1,670	1,820	1,960
$\phi 32$	1,660	1,810	1,960	2,110

● Weight of variation/option (stopper)

(Unit: g)

Bore size (mm)	Option/stopper code			
	S1 to S4	M1 to M4	S5/S6	M5/M6
$\phi 25$	320		400	
$\phi 32$	320		400	

### How to order

Without switch (Magnet for switch incorporated)



With switch (Magnet for switch incorporated)



Model No.

A Bore size

B Stroke length

C Switch model No.  
\*8

D Switch quantity

E Stopper

F Clean room specifications

### ⚠ Precautions for model No. selection

- \*1: To change the adjustable stroke length, use a discrete rubber cushion stopper or metal stopper on page 184.
- \*2: Can be selected for the type with stopper only.
- \*3: The alloy steel stopper block (code: T) is recommended for a metal stopper.
- \*4: Combination of the rubber cushion stopper and metal stopper is custom order.
- \*5: Keep within 20 to 200 mm/s when using a metal stopper.
- \*6: Refer to page 185 for a discrete cylinder model No.
- \*7: The long stroke length has a positioning hole as standard.
- \*8: Be careful of the lead wire direction when designing the 30 mm or less stroke length of axial lead wire and the 20 mm stroke length of radial lead wire since a switch is installed in each groove of the body.

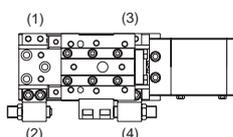
[Example of model No.]

### LCX-25L-100-T2H-R-S1TP72

Model No.: Linear slide cylinder Double acting/ single rod (clean room specifications) LCX-P7\*

- A Bore size :  $\phi 25$
- B Stroke length : 100 mm
- C Switch model No. : Proximity/2 wires/  
Lead wire 1 m  
Lead wire straight
- D Switch quantity : 1 (on rod end)
- E Other options : Rubber cushion stopper  
Stopper position (1)  
Material, alloy steel (nitriding)
- F Clean room specifications : Exhaust treatment

● Stopper position



Code	Content						
<b>A Bore size</b>							
25	$\phi 25$						
32	$\phi 32$						
<b>B Stroke length (mm)</b>							
75	75						
100	100						
125	125						
150	150						
<b>C Switch model No.</b>							
Lead wire straight	Lead wire L-shaped	Contact	Voltage		Display	Lead wire	
			AC	DC			
T0H*	T0V*	Reed	●	●	1-color display Without indicator lamp	2 wires	
T5H*	T5V*		●	●			
T2H*	T2V*		Proximity		●	1-color display	2 wires
T3H*	T3V*				●		
T3PH*	T3PV*					1-color display (PNP output)	3 wires
T2WH*	T2WV*			●	2-color display	2 wires	
T3WH*	T3WV*			●			3 wires
<b>* Lead wire length</b>							
Blank	1 m (standard)						
3	3 m (option)						
5	5 m (option)						
<b>D Switch quantity</b>							
R	1 (on rod end)						
H	1 (on head end)						
D	2						
<b>E Stopper</b>							
Blank	Without stopper						
<b>S Cushion cushion stopper</b> *1, *4							
S1*	Stopper position (1) (can be changed to (4))					Stopper mounting position	
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)						
<b>M Metal stopper</b> *1, *3, *4, *5							
M1*	Stopper position (1) (can be changed to (4))					Stopper mounting position	
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)						
<b>* Part</b>							
Blank	Stopper block material: Rolled steel						
T	Stopper block material: Alloy steel (nitriding) *2						
<b>F Clean room specifications</b>							
Structure							
P72	Exhaust treatment						
P73	Vacuum treatment						

SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
<b>LCX</b>
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E
MN4E
4GA/B
M4GA/B
MN4GA/B
F.R. (module unit)
Clean F.R
Precision R
Press gauge
Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/ tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending

- SCPD3
- SCM
- SSD2
- MDC2
- SMG
- LCM
- LCR
- LCG
- LCX**
- STM
- STG
- STR2
- MRL2
- GRC
- Cylinder switch
- MN3E  
MN4E
- 4GA/B
- M4GA/B
- MN4GA/B
- F.R (module unit)
- Clean F.R
- Precision R
- Press gauge  
Diff. press gauge
- Electro-pneumatic R
- Speed controller
- Auxiliary valve
- Fitting/tube
- Clean air unit
- Pressure sensor
- Flow rate sensor
- Valve for air blow
- Ending

## How to order switch

**SW - T2H3**

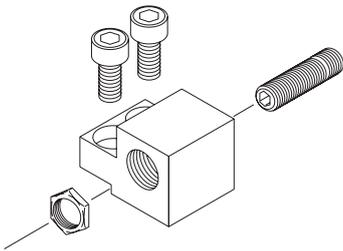
Switch model No.  
(Item © on page 183)

## How to order a stopper set

- A set of a stopper and rubber cushion stopper or metal stopper
- Use this when changing from the standard to the with rubber cushion stopper or metal stopper

**LCX - 25 - S 2 - S02**

Bore size  
(Item ① on page 183)



A Stopper	
<b>S</b>	Cushion stopper
<b>M</b>	Metal stopper
B Stopper mounting position	
<b>1</b>	Stopper position (1) or for (4)
<b>2</b>	Stopper position (2) or for (3)
C Stroke adjusting amount (*1)	
<b>Blank</b>	Adjustable stroke range 10 mm
<b>S02</b>	Adjustable stroke range 20 mm

(Unit: g)

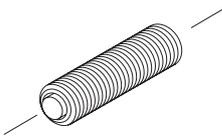
Model No.			Weight	
<b>LCX</b>	25	S1	Blank	70
		S2	S02	80
	32	M1	Blank	70
		M2	S02	80

## How to order discrete rubber cushion stopper

- Hexagon socket set screw with urethane
- Use it when changing the adjustable stroke range or when using custom stroke length

**LCX - 25 - S02**

Bore size  
(Item ① on page 183)



A Adjustable stroke range	
<b>S01</b>	Single side 10 mm (standard)
<b>S02</b>	Single side 20 mm

(Unit: g)

Model No.			Weight
<b>LCX</b>	25	S01	30
	32	S02	40

## How to order discrete metal stopper

- Use this when changing the adjustable stroke range or when using custom stroke length

**LCX - 25 - M02**

Bore size  
(Item ① on page 183)



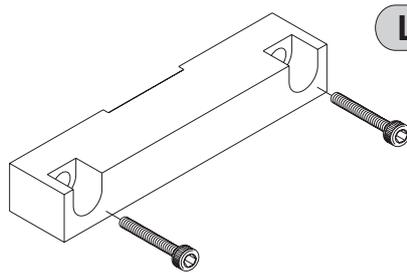
A Adjustable stroke range	
<b>M01</b>	Single side 10 mm (standard)
<b>M02</b>	Single side 20 mm

(Unit: g)

Model No.			Weight
<b>LCX</b>	25	M01	30
	32	M02	40

### How to order discrete stopper block

- Use it when changing from the standard to the with rubber cushion stopper or metal stopper



**LCX - 25 L - SB3 T**

Bore size  
(Item ① on page 183)

① Material	
Blank	Stopper block material: Rolled steel
T	Stopper block material: Alloy steel (nitriding)

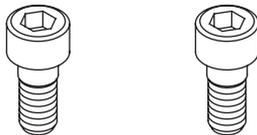
(Unit: g)

LCX	Model No.		Weight
	25L	32L	
		SB3 (T)	250

### How to order positioning bolt

- A hexagon socket head cap screw for positioning
- Enables assembling of the crossed unit and two-stage unit without adjusting the position

**LCX - 25 - J**



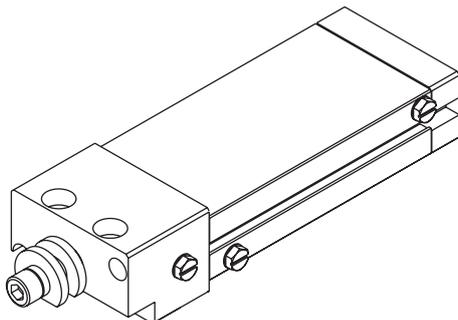
(2 pieces/set)

(Unit: g)

LCX	Model No.		Weight
	25	J	
			10

\* Weight per set (2 pieces)

### How to order discrete cylinder



**LCX - CYL - 25 L - 100 - P72**

Bore size  
(Item ① on page 183)

Stroke length  
(Item ② on page 183)

① Variation	
P72	Clean room specifications (exhaust treatment)
P73	Clean room specifications (vacuum treatment)

SCPD3

SCM

SSD2

MDC2

SMG

LCM

LCR

LCG

**LCX**

STM

STG

STR2

MRL2

GRC

Cylinder  
Switch

MN3E  
MN4E

4GA/B

M4GA/B

MN4GA/B

F.R. (module  
unit)

Clean  
F.R

Precision  
R

Press gauge  
Diff. press gauge

Electro-  
pneumatic R

Speed  
controller

Auxiliary  
valve

Fitting/  
tube

Clean  
air unit

Pressure  
sensor

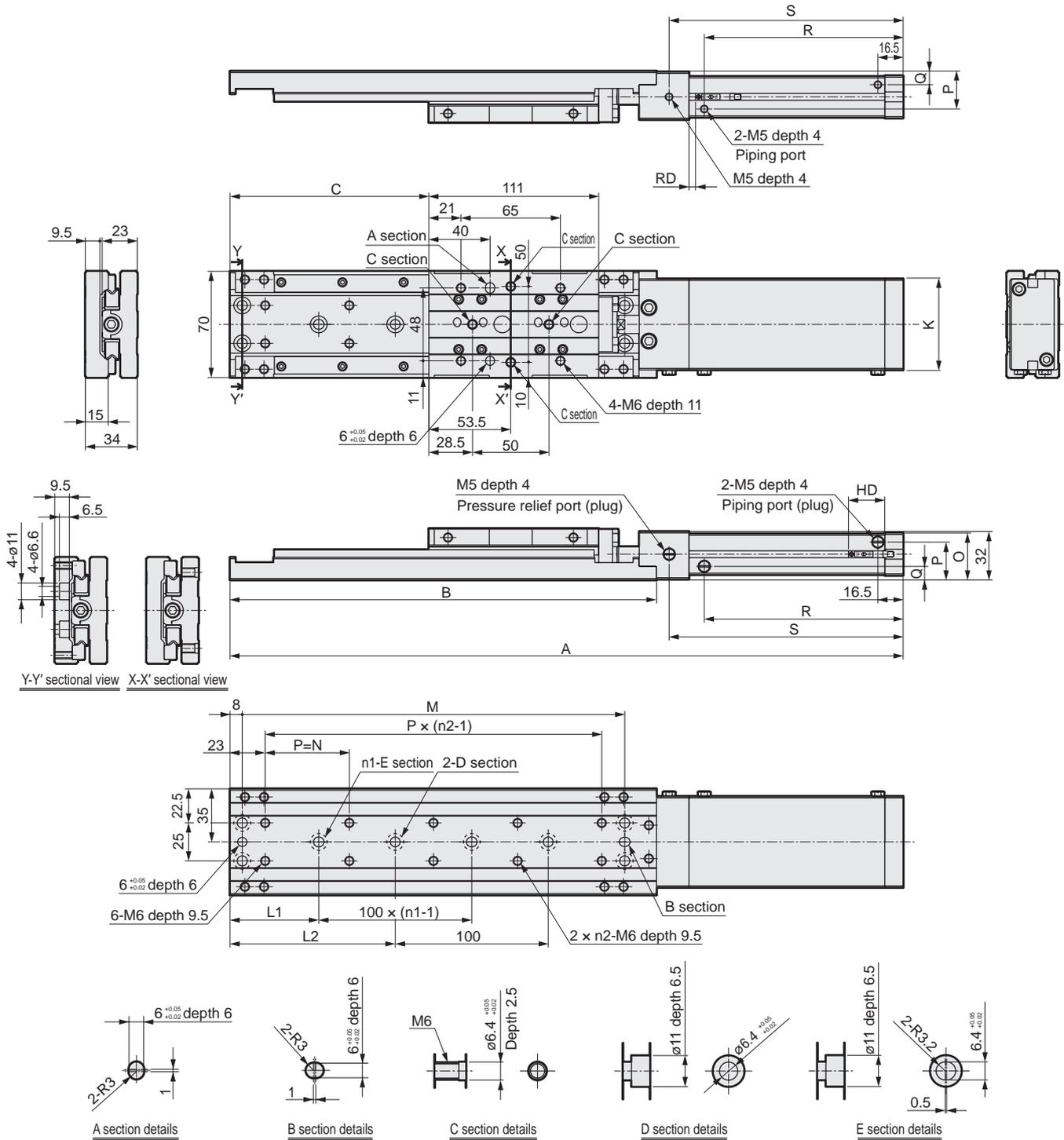
Flow rate  
sensor

Valve for  
air blow

Ending

## Dimensions

● Double acting/single rod clean room specifications/long stroke length LCX-\*L-P7\*



Bore size	Stroke length	A	B	C	K	L1	L2	n1	n2	M	N	O	P	Q	R	S	RD			HD				
																	T0*	T2*	T2W*	T0*	T2*	T2W*		
																	T5*	T3*	T3W*	T5*	T3*	T3W*		
ø25	75	390	254	105	50	45.5	95.5	2	5	225	49	29.5	24.5	9.5	105	128	5	6.5	23.5	21.5				
	100	440	279	130		58	108	2	5	250	55												130	153
	125	490	304	155		45.5	95.5	3	6	275	49												155	178
	150	540	329	180		58	108	3	6	300	54												180	203
ø32	75	390	254	105	60	45.5	95.5	2	5	225	49	31	25	9	105	128	5	6.5	23.5	21.5				
	100	440	279	130		58	108	2	5	250	55												130	153
	125	490	304	155		45.5	95.5	3	6	275	49												155	178
	150	540	329	180		58	108	3	6	300	54												180	203

