

JXH Series

Compact Slide Table Cylinder



Cylinder
Calculation
SI
SI A.
SIB
SQ
DNT
SC/SU
SCT
SC A.
DN
DSN
DN/DSN A.
MA
MAC
MA/MAC A.
MAL
MALC
MAL/MALC A.
SDA
CQ2
TCQ2
ADN
TADN
PPRM
JHL2
JHF2
JHZ2
JHY2
JHC2
JXH
JXQ
JXS
TN
JGP
JSQB
Sensor



JXH Series

Specifications

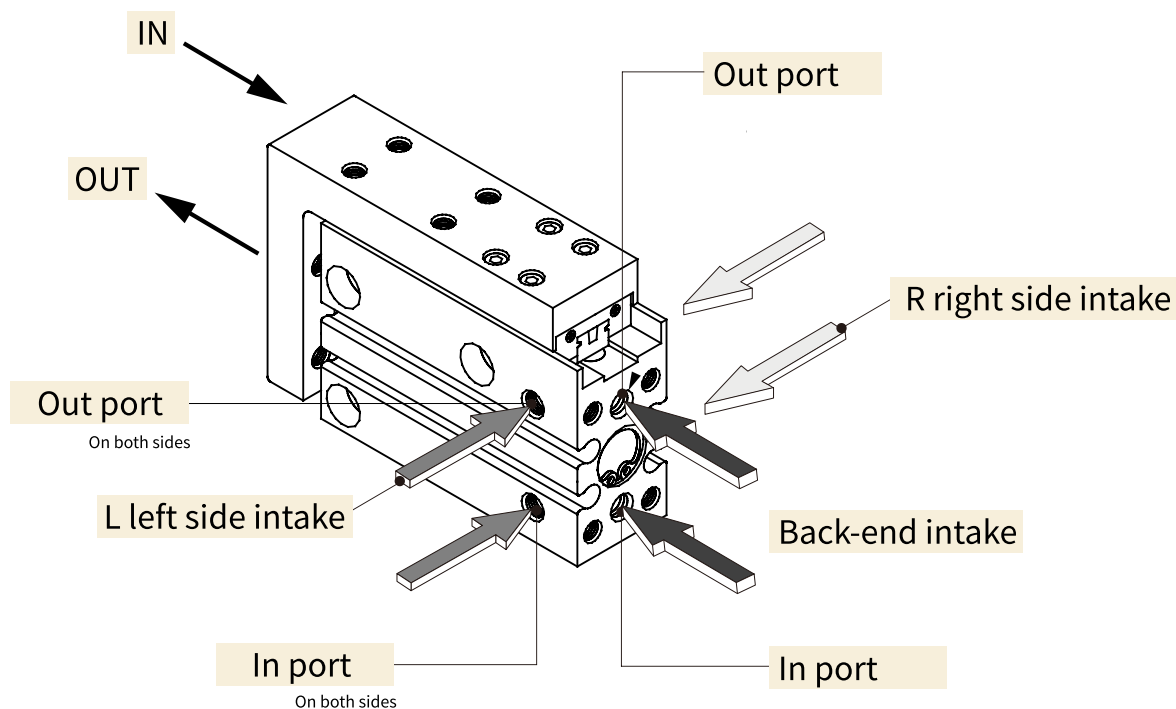
Bore Size(mm)	6	10	16	20
Working Medium	Air			
Action	Double acting			
Min. Operating Pressure	0.15MPa	0.1MPa		
Max. Operating Pressure	0.7MPa			
Ambient And Fluid Temperature	-10~60°C (with no condensation)			
Piston Speed	50 ~ 500 mm/s			
Allowable Kinetic Energy J	0.0125	0.025	0.05	0.1
Lubrication*	No need			
Cushing	Rubber cushion on both ends +1.0 0			
Stroke Length Tolerance(mm)				
Sensor Model	JEL-07D			
Piping Size	M5 × 0.8			

Feature

1. Adopt high rigidity and elongated guide rail to improve cylinder rigidity and guiding accuracy.
2. Standard built-in magnetic ring, can be installed stroke sensing switch.
3. Piping is possible in 3 directions.
4. Sensor can be mounted on both sides.
5. Standard rubber buffer on both ends.

Model Representation

Piping Is Possible In 3 Directions



Ordering Code

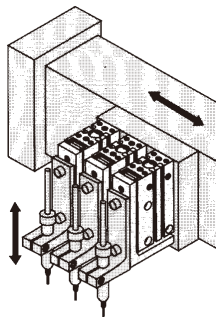
JXH	10	x	30	□
1	2	3	4	
1 Model	2 Bore Size	3 Stroke	4 Stroke	
JXH	See the stroke/sensor table for details		Nil	
			L	
			R	

[Note] Sensor model please refer to P173 for the specific ordering code.

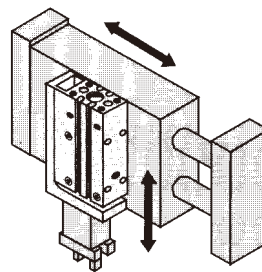
Stroke/sensor

Model	Bore Size(mm)	Standard Stroke (mm)	Direct Mounting Sensor
JXH	6	5 10 15 20 25 30 40 50 60	JEL-07D
	10		
	16		
	20		

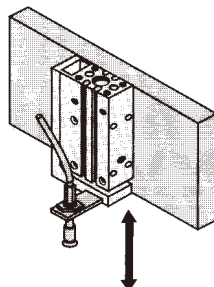
Application



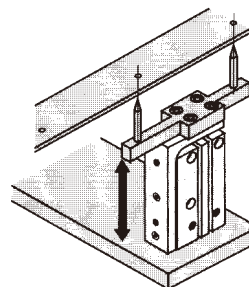
Parallel distributor



Work piece delivery



Work with vacuum chuck



Pinhole locator

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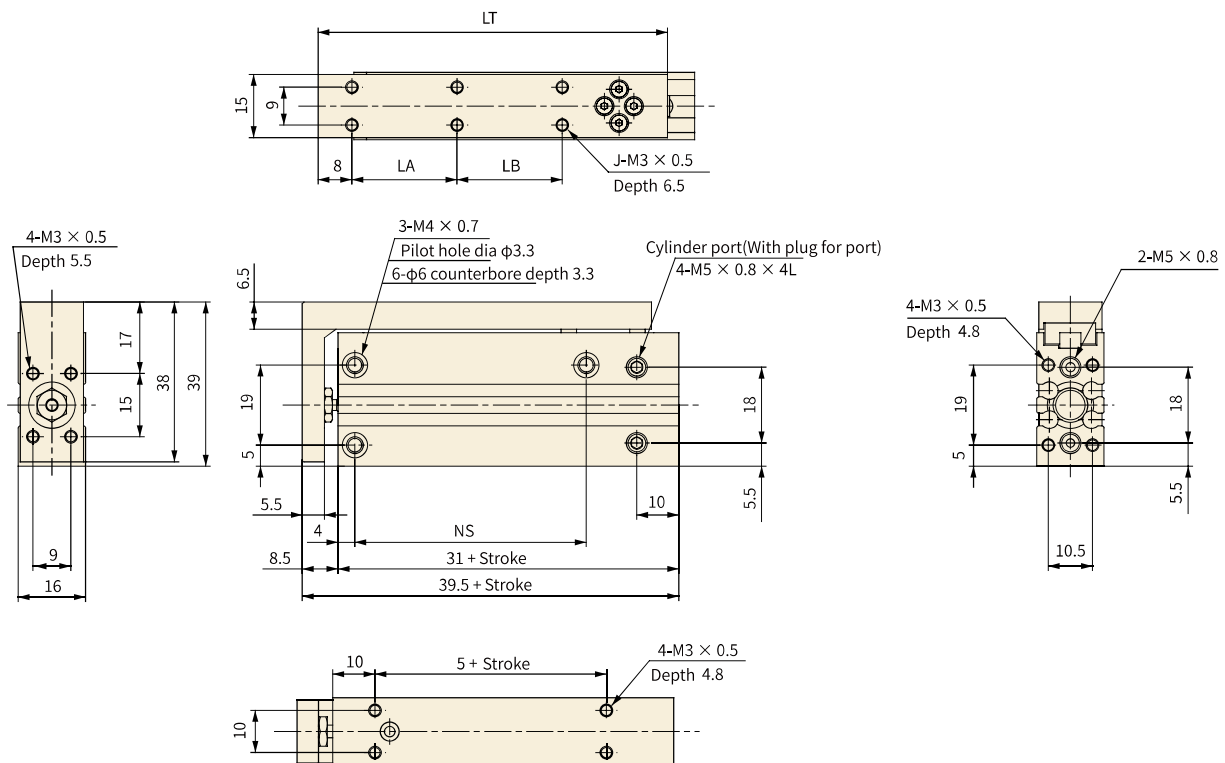
JXH Series

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Overall Dimension

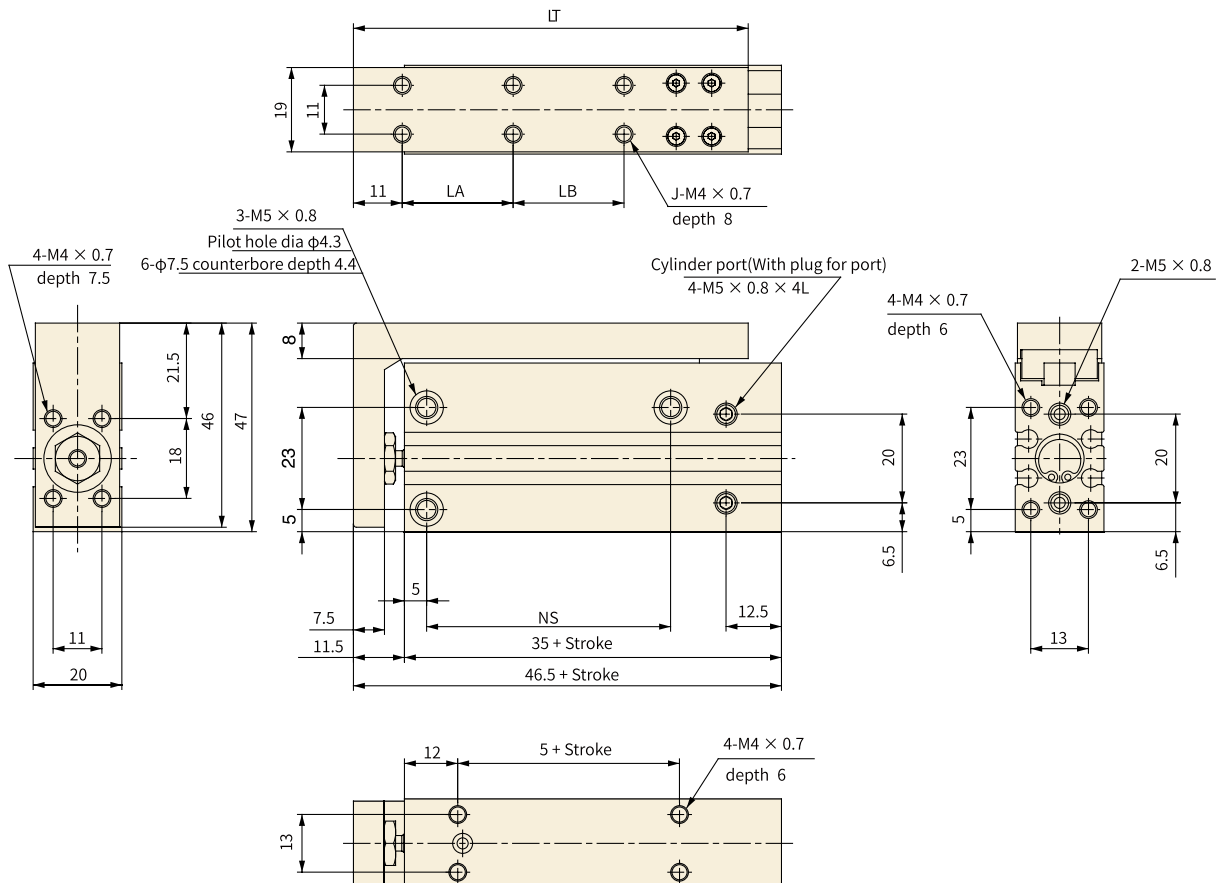
JXH6



Stroke	J	LA	LB	LT	NS
5	4	10	—	42	14
10	4	10	—	42	14
15	4	20	—	52	24
20	4	20	—	52	24
25	4	30	—	62	30
30	4	30	—	62	30
40	6	20	20	72	45
50	6	25	25	82	55
60	6	30	30	92	60

Overall Dimension

JXH10



Stroke	J	LA	LB	LT	NS
5	4	10	—	49	14
10	4	10	—	49	14
15	4	20	—	59	24
20	4	20	—	59	24
25	4	30	—	69	30
30	4	30	—	69	30
40	6	20	20	79	45
50	6	25	25	89	55
60	6	30	30	99	60

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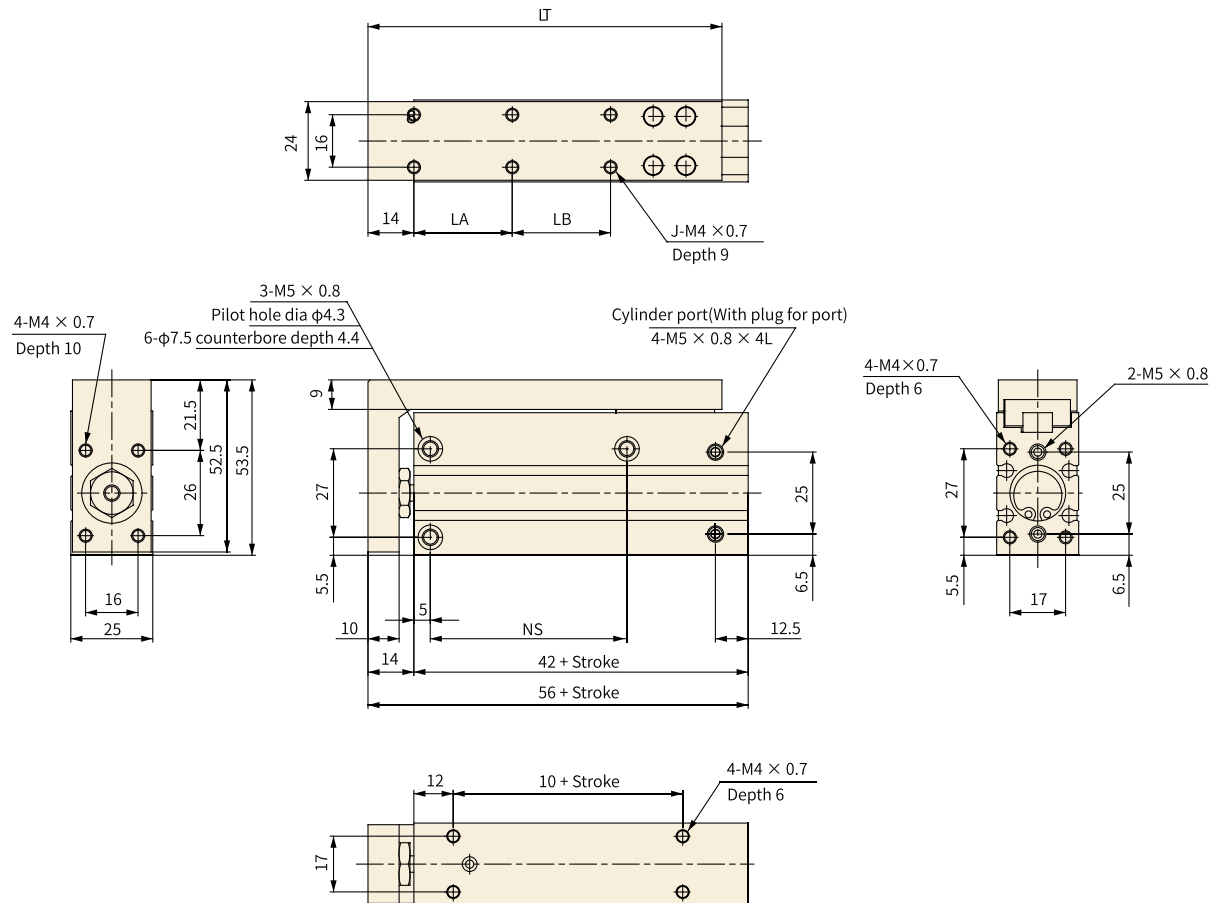
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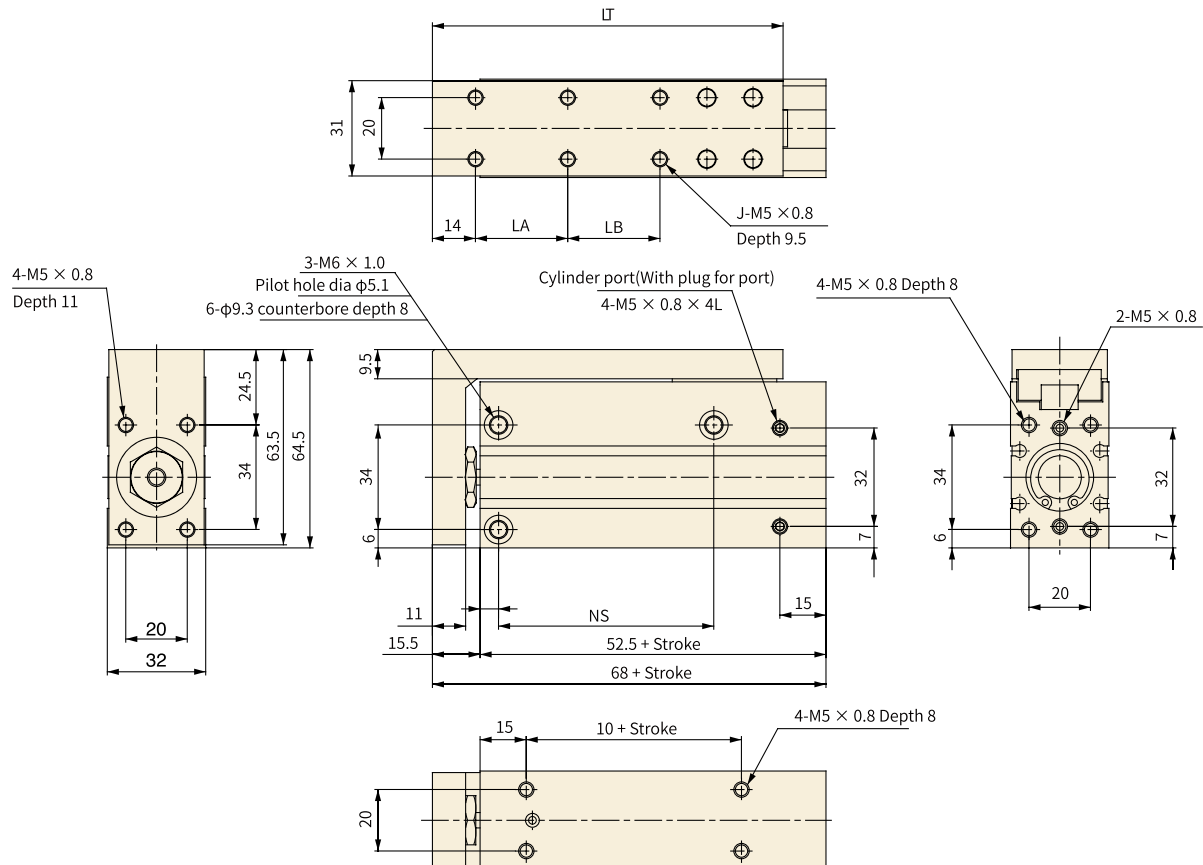
JXH16



Stroke	J	LA	LB	IT	NS
5	4	10	—	58	20
10	4	10	—	58	20
15	4	20	—	68	30
20	4	20	—	68	30
25	4	30	—	78	40
30	4	30	—	78	40
40	6	20	20	88	50
50	6	25	25	98	60
60	6	30	30	108	60

Overall Dimension

JXH20



Stroke	J	LA	LB	LT	NS
5	4	10	—	64	20
10	4	10	—	64	20
15	4	20	—	74	25
20	4	20	—	74	25
25	4	30	—	84	40
30	4	30	—	84	40
40	6	20	20	94	50
50	6	25	25	104	70
60	6	30	30	114	70

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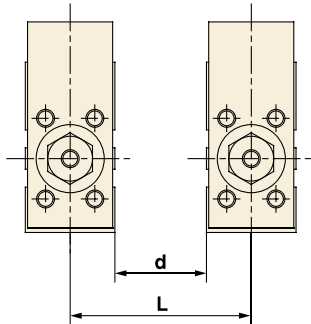


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Overall Dimension

Operating Precautions ⚠

1. When multiple cylinders are installed, a certain distance between the cylinders is required to avoid misoperation. For details, see the following table



Model	D	L
JXH6	5	21
JXH10	5	25
JXH16	10	35
JXH20	15	47

2. If the cylinder is moving by the external limit, the reaction force generated at the limit should coincide with the axial direction of the cylinder piston rod (as shown in Figure 1), if it does not coincide, it will produce a large torque and reduce the service life, such as the guide rail will be damaged (as shown in Figure 2).

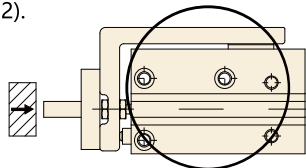


Figure 1

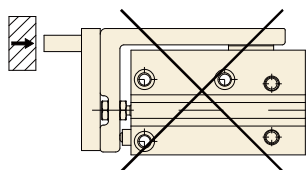
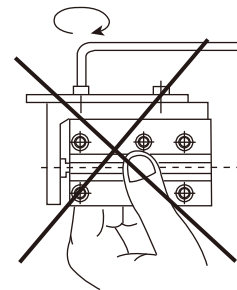
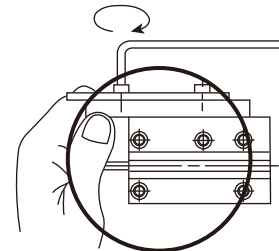


Figure 2

3. Hold the table when fastening work pieces to it with bolts etc. If the body is held while tightening bolts etc., the guide section will be subjected to a large moment, and there may be a loss of precision.



4. Since the connection between the piston rod and table is a floating mechanism, the table has backlash of 0.15mm or less in the stroke direction. (Refer to the figure below.)

