

Air Operated Type Integral Fitting Type (Hyper Fittings) Series LVC

How to Order Valves (Single Type)

LVC 2 0 - S 06

Body class

Symbol	Body class	Orifice dia.
2	2	ø4
3	3	ø8
4	4	ø10
5	5	ø16
6	6	ø22

Valve type

0	N.C.
1	N.O.
2	Double acting

LQ2
integral fitting

Note) Refer to variations in the table below for valve type combinations.

Option

Option	Description
Nil	None
1	With flow rate adjustment
2	With bypass
3	With flow rate adjustment & bypass
4	With indicator

Note) Refer to "Variations" in the table below for option combinations. Options can not be combined each other.

Material

Symbol	Body	Actuator section End plate	Dia-phragm	Applicable option				Note
				1	2	3	4	
Nil	PFA	PPS	PTFE	●	●	●	●	-
F	PFA	PVDF	PTFE					Hydrofluoric acid compatible (Only LVC40, 50 type)
N	PFA	PPS	PTFE	●	●	●	●	Ammonium hydroxide compatible

Applicable tubing size

Symbol	Connecting tubing O.D.	Body class					
		2	3	4	5	6	
Metric sizes							
03	ø3	●					
04	ø4	●					
06	ø6	○	●				
08	ø8		●				
10	ø10		○	●			
12	ø12			○	●		
19	ø19				○	●	
25	ø25					○	
Inch sizes							
03	1/8	●					
05	3/16	●					
07	1/4	○	●				
11	3/8		○	●			
13	1/2			○	●		
19	3/4				○	●	
25	1					○	

○ Basic size ● With reducer

Note) Applicable fittings for body class 6 is LQ1.

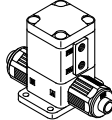
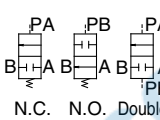
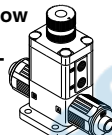
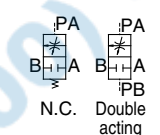
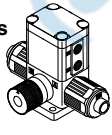
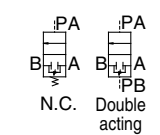
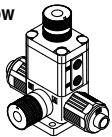
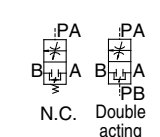
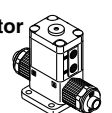
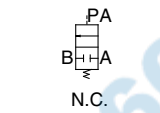
Port B (OUT) different dia. size

Symbol	Application
Nil	Ports A & B same size
Refer to the applicable tubing table to the left.	Different diameter tubings can be selected within the same body class.

Pilot port thread type

Symbol	Body class	Thread type
Nil	2	M5
	3, 4, 5, 6	Rc 1/8
N	3, 4, 5, 6	NPT 1/8

Variations

Type	Symbol	Valve type	Model	LVC20	LVC30	LVC40	LVC50	LVC60
			Orifice diameter	ø4	ø8	ø10	ø16	ø22
			Tubing O.D.	Metric 3, 4, 6 Inch 1/8, 3/16, 1/4	6, 8, 10 1/4, 3/8	10, 12 3/8, 1/2	12, 19 1/2, 3/4	19, 25 3/4, 1
Basic type 		N.C.	○	○	○	○	○	
			N.O.	○	○	○	○	
			Double acting	○	○	○	○	
With flow rate adjustment 		N.C.	○	○	○	○	○	
		Double acting	○	○	○	○		
With bypass 		N.C.	—	○	○	○	—	
		Double acting	—	○	○	○	—	
With flow rate adjustment & bypass 		N.C.	—	○	○	○	—	
		Double acting	—	○	○	○	—	
With indicator 		N.C.	○	○	○	○	○	