

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

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
Nil	PFA	PPS	PTFE	1 2 3 4	—
F	PFA	PVDF	PTFE		Hydrofluoric acid compatible (Only LVC40, 50 type)
N	PFA	PPS	PTFE		Ammonium hydroxide compatible

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

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.

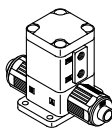
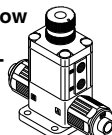
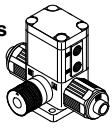
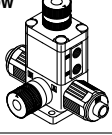
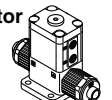
Port B (OUT) different dia. size

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.

Variations

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