

Air Operated Type Flare Integral Fitting Type (Hyper Fittings) Series **LVQ-Z**

How to Order

LVQ 2 0 - Z 07 - - -

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

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

LQ3 integral fittings

Applicable fitting 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							
07	1/4	○					
11	3/8		○				
13	1/2			○			
19	3/4				○		
25	1					○	

Pilot port thread type

Nil	LQ3 integral fitting	Connection tubing O.D. 1/8" (ø3)
M	LQ3 integral fitting	Connection tubing O.D. ø4
R	Threaded	Rc 1/8
N	Threaded	NPT 1/8

Option (1)












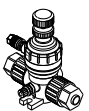
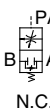





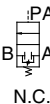
Nil	None	6	High back pressure with flow rate adjustment
1	With flow rate adjustment	7	High back pressure with bypass
2	With bypass	8	High back pressure with flow rate adjustment & bypass
3	With flow rate adjustment & bypass	9	High back pressure with indicator
4	With indicator	24	With indicator & bypass
5	High back pressure (0.42 MPa)		

Option (2)

Symbol	Applicable option										Note
	1	2	3	4	5	6	7	8	9	24	
Nil	○	○	○	○	○	○	○	○	○	○	—
J	○	—	—	—	○	○	—	—	—	—	For high temperature
K	○	○	○	○	○	○	○	○	○	○	Buffer material FFKM
N	○	○	○	○	○	○	○	○	○	○	For ammonium hydroxide
P	—	—	—	○	○	—	—	—	—	—	High flow spec. LVQ6□ only

Note) Options (2) cannot be combined with each other.

Variations

		Model		LVQ20	LVQ30	LVQ40	LVQ50	LVQ60
		Orifice diameter	Millimeter	ø4	ø8	ø10	ø16	ø22
			Inch	6	10	12	19	25
Type	Symbol	Valve type						
Basic type  N.C.  N.O. Double acting	 PA B A N.C.  PB B A N.O.  PA B A Double acting	N.C.	○	○	○	○	○	
		N.O.	○	○	○	○	○	
		Double acting	○	○	○	○	○	
With flow rate adjustment 	 PA B A N.C.	N.C.	○	○	○	○	○	
With bypass  N.C.  Double acting	 PA B A N.C.  PA B A Double acting	N.C.	○	○	○	○	○	
		Double acting	○	○	○	○	○	
With flow rate adjustment & bypass 	 PA B A N.C.	N.C.	○	○	○	○	○	
With indicator 	 PA B A N.C.	N.C.	○	○	○	○	○	
High back pressure 	 PA B A N.C.	N.C.	○	○	○	○	○	
With indicator & bypass 	 PA B A N.C.	N.C.	○	○	○	○	○	

LVC

LVA

LVH

LVD

LVQ

LQ1

LVN

TL/TIL

LQ3