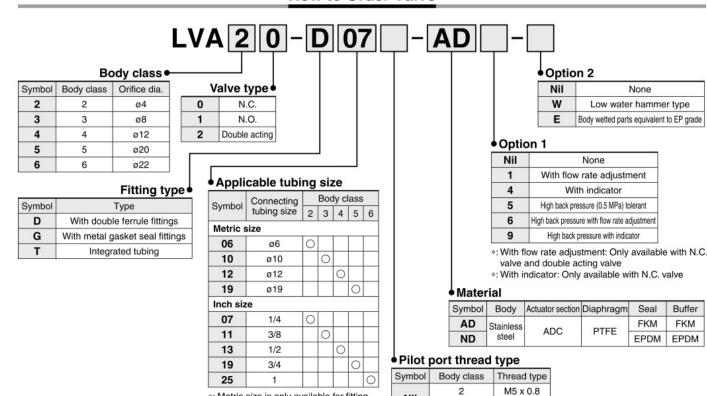
**EPDM** 

## Air Operated, Organic Solvents Compatible Double Ferrule Fittings/Metal Gasket Seal Fittings/Integrated Tubing

## LVA Series

## How to Order Valve



Metric size is only available for fitting types D and T.

## Standard Specifications

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LVA30-D11-AD Double ferrule fittings

LVA60-T25-AD Integrated tubing



LVA50-G19-AD Metal gasket seal fittings

Model			LVA20	LVA30	LVA40	LVA50	LVA60
Tubing O.D.  Metric size*1 Inch size		Metric size*1	6	10	12	19	
		Inch size	1/4	3/8	1/2	3/4	1
Orifice diameter			ø4	ø8	ø12	ø20	ø22
Flow rate characteristics Kv		Kv	0.3	1.4	2.8	5.1	6.8
		Cv	0.35	1.7	3.3	6	8
Withstand pressure [MPa]			1,				
Operating pressure [MPa]	Standard	A→B	0 to 0.5			0 to 0.4	
		B→A	0 to 0.2 0 to		0.1		
	High back pressure	A→B	0 to 0.5				
		B→A	0 to 0.4				
Back pressure [MPa]	Standard	N.C./N.O.	0.3 or less			0.2 or less	
		Double acting	0.4 or less			0.3 or less	
	High back pressure*2	N.C./N.O./Double acting	0.5 or less				
Valve leakage [cm³/min]			0 (with water pressure)				
Pilot air pressure [MPa]			0.3 to 0.5 (High back pressure: 0.5 to 0.8)*2				
Pilot port size			M5	75 Rc1/8, NPT1/8			
Fluid temperature [°C]			0 to 100				
Ambient temperature [°C]			0 to 60				
Fitting type			With double ferrule fittings, With metal gasket seal fittings, Integrated tubing				

3, 4, 5, 6

3, 4, 5, 6

Rc1/8

NPT1/8

<sup>\*2:</sup> High back pressure is optional.



<sup>\*1:</sup> Metric size is only available for fitting types D and T.