



Series	Type	Orifice size (mmø) [Flow (Cv)]	Port size	Valve * type	Page No.
	<b>VCA20/30/40</b> Direct operated 2 port solenoid valve for air				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	3~10 [0.29~1.9]	1/4, 3/8, 1/2, 3/4	N.C.	1544
	<b>VCB20/30/40</b> Direct operated 2 port solenoid valve for heated water				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	2~10 [0.16~2.1]	1/8, 1/4, 3/8, 1/2, 3/4	N.C.	1549
	<b>VCL20/30/40</b> Direct operated 2 port solenoid valve for oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	2~10 [0.16~2.1]	1/8, 1/4, 3/8, 1/2, 3/4	N.C.	1551
	<b>VCS20/30/40</b> Direct operated 2 port solenoid valve for steam				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	2~10 [0.16~2.1]	1/8, 1/4, 3/8, 1/2, 3/4	N.C.	1556
	<b>VCW20/30/40</b> Direct operated 2 port solenoid valve for water				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	2~10 [0.16~2.1]	1/8, 1/4, 3/8, 1/2, 3/4	N.C.	1561
	<b>VDW10/20/30</b> Compact direct operated 2 port solenoid valve for water and air				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	1~4 [0.04~0.44]	M5, 1/8, 1/4	N.C.	1568
	<b>VDW200/300</b> Compact direct operated 3 port solenoid valve for water and air				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	1~4 [0.03~0.44]	M5, 1/8, 1/4	COM.	See Best Pneumatics catalogue
	<b>VQ20/30</b> 2 port solenoid valve for air				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	3.4~4.8 [0.33~0.81]	ø6, ø8, ø10, ø12	N.C.	1575

\* N.C.: normally closed; N.O.: normally open; COM.: common



Series	Type	Orifice size (mmø) [Flow (Cv)]	Port size	Valve * type	Page No.
	<b>VX21/22/23</b>				
	Direct operated 2 port solenoid valve for air, gas, vacuum, water, steam, oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	2~10 [0.17~2.20]	1/8, 1/4, 3/8, 1/2	N.C./N.O.	1584
	<b>VXD21/22/23</b>				
	Pilot operated 2 port solenoid valve for air, gas, water, oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	10~25 [1.9~13]	1/4, 3/8, 1/2, 3/4, 1	N.C./N.O.	1593
	<b>VXZ22/23</b>				
	Pilot operated 2 port for zero pressure differential/For air, gas, vacuum, water, oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	10~25 [1.9~12]	1/4, 3/8, 1/2, 3/4, 1	N.C./N.O.	1596
	<b>VXH2</b>				
	Pilot operated 2 port for high pressure/For air, water, oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	10 [2.0~2.3]	1/4, 3/8, 1/2	N.C.	See Best Pneumatics catalogue
	<b>VX31/32/33</b>				
	Direct operated 3 port for air, gas, vacuum, water, steam, oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	1.5~4 [0.08~0.38]	1/8, 1/4, 3/8	N.C./N.O. COM.	See Best Pneumatics catalogue
	<b>VXA21/22, VXA31/32</b>				
	Direct operated 2/3 port for air, gas, vacuum, water, oil				
	<ul style="list-style-type: none"> <li>• Body ported</li> <li>• Manifold</li> </ul>	VXA21/22: 3~10 [0.38~2.8] VXA31/32: 1.5~4 [0.08~0.38]	VXA21/22: 1/8, 1/4, 3/8, 1/2 VXA31/32: 1/8, 1/4, 3/8	VXA21/22: N.C./N.O. VXA31/32: COM.	See Best Pneumatics catalogue



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Series	Type	Orifice size (mmø) [Flow (Cv)]	Port size	Valve * type	Page No.
	<b>VNA</b>				
	2 port valve for compressed air and air-hydro circuit control				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	10~50 [0.88~43]	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	N.C./N.O. COM.	1600
	<b>VNB</b>				
	2 port valve for flow control				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	7~50 [0.80~43]	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	N.C./N.O. COM.	1603

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Series	Type	Orifice size (mmø) [Flow (Av x 10 <sup>-5</sup> )]	Port size	Valve * type	Page No.
	<b>VNC</b> 2 port valve for coolant applications				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	7~50 [30~1500]	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	N.C./N.O. COM.	1607
	<b>VND</b> 2 port valve for steam				
	<ul style="list-style-type: none"> <li>• Body ported</li> </ul>	7~50 [26~1500]	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	N.C./N.O.	1610

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**Equipment for Fluids Control/Related Products** (Please contact SMC)



■ High purity chemical valve/Integrated fitting  
Type: **LVC**



■ High purity chemical valve/Threaded  
Type: **LVA**



■ High purity chemical valve/Manually operated  
Type: **LVH**



■ High purity chemical valve/Compact  
Type: **LVD**



■ Air operated chemical valve/Non-metallic exterior  
Type: **LVQ**



■ High purity fluoropolymer/Fittings  
Type: **LQ1**



■ High purity fluoropolymer/Needle valve  
Type: **LVN**



■ High purity fluoropolymer/Tubing  
Type: **TL/TIL**



- Process pump/Automatically switching/Air operated type: **PA**
- Process pump/Automatically switching with built-in pulsation attenuator/Air operated type: **PAX**
- Process pump/Built-in solenoid valve/Air operated type: **PB**

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**IP8000/8100**  
 ■ Electro-Pneumatic Positioner

- Electro-pneumatic positioner for process valves or other equipment.
- Lever arm and rotary shaft versions.

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