

Series Variations/Solenoid Valves List

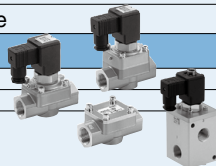
Pilot Operated 2/3 Port Solenoid Valve and Check Valve

VCH41/42/410, VCHC40 Series

N.C., N.O./Single Unit

5.0 MPa

P.431

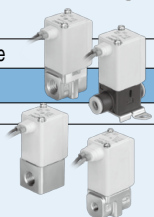


For Water, Air, Medium Vacuum Compact Direct Operated 2 Port Solenoid Valve

VDW Series

N.C./Single Unit, Manifold

P.453



For Water and Air Compact Direct Operated 3 Port Solenoid Valve

VDW200/300 Series

C.O./Single Unit

P.484

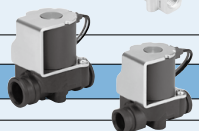


For Water and Air Compact/Lightweight 2 Port Solenoid Valve

VDW30/40-XF Series

N.C./Single Unit

P.497

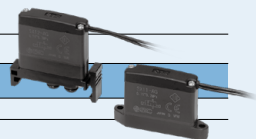


For Air High Speed 2 Port Valve

SX10 Series

N.C./Single Unit

P.505

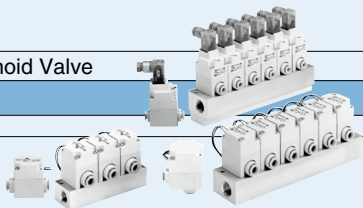


For Dry Air Pilot Operated 2 Port Solenoid Valve

VQ20/30 Series

N.C./Single Unit, Manifold

P.513

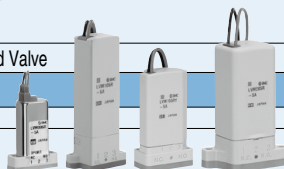


For Chemical Liquids Compact Direct Operated 2/3 Port Solenoid Valve

LVM Series

N.C., N.O., Universal

P.527



Solenoid Valves List

Number of ports		2 port				3 port	
Action	5.0 MPa Pilot operated, diaphragm poppet	Direct operated		Pilot operated		5.0 MPa Pilot operated, poppet	Direct operated
Series	VCH41/42	VDW		VQ20/30		VCH410	VDW200/300
Applicable fluids	Air	Water, Air, Medium vacuum		Dry air		Air	Water and air
Body type	Single unit	Single unit	Manifold	Single unit	Manifold	Single unit	Single unit
Valve type	N.C. N.O.	N.C.		N.C.		N.C.	N.C., N.O., C.O.

Port size		2 port				3 port	
Rc	M5	—	●	●	—	—	●
	1/8 (6A)	—	●	●	—	—	●
	1/4 (8A)	—	●	●	—	—	●
	3/8 (10A)	—	—	●	—	●	—
	1/2 (15A)	—	—	—	—	—	—
	3/4 (20A)	●*	—	—	—	—	●*
	1 (25A)	●*	—	—	—	—	●*
One-touch	ø3.2	—	●	—	—	—	—
	ø4.0	—	●	—	—	—	—
	ø6	—	●	—	●	●	—
	ø8	—	—	—	●	●	—
	ø10	—	—	—	●	●	—
	ø12	—	—	—	●	●	—

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* VCH41/42, 410: G thread

Model	LVM09/090	LVM11	LVM10/100	LVM15/150	LVM20/200
Applicable fluids	Air, Water, Deionized water (Pure Water), Diluent, Cleaning fluid				
Valve construction	Diaphragm type direct operated poppet (Rocker type)	Diaphragm type direct operated	Diaphragm type direct operated poppet (Rocker type)		
Valve type	N.C. N.O. Universal	N.C.	N.C. N.O. Universal		
Number of ports	2,3	2	2,3		
Orifice diameter (mm)	1.1	1.5	1.4	1.6 (1)	2
Valve width (mm)	9.5	13	13	16	20

* The figures in () indicate the high-pressure type.

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⚠ Caution

Be sure to read this before handling the products. Refer to back page 50 for Safety Instructions and pages 17 to 19 for 2 Port Solenoid Valve for Fluid Control Precautions.