

Series Variations/Solenoid Valves List

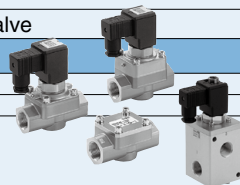
Pilot Operated 2/3 Port Solenoid Valve and Check Valve

Series VCH41/42/410, VCHC40

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

5.0 MPa

P.357

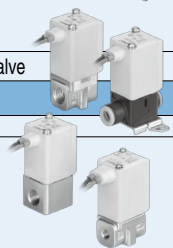


For Water, Air, Medium Vacuum Compact Direct Operated 2 Port Solenoid Valve

Series VDW

N.C./Single Unit, Manifold

P.371



For Water and Air Compact Direct Operated 3 Port Solenoid Valve

Series VDW200/300

C.O./Single Unit

P.402

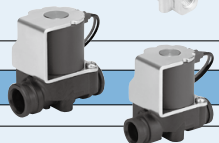


For Water and Air Compact/Lightweight 2 Port Solenoid Valve

Series VDW30/40-XF

N.C./Single Unit

P.415

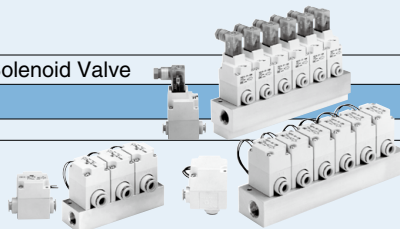


For Dry Air Pilot Operated 2 Port Solenoid Valve

Series VQ20/30

N.C./Single Unit, Manifold

P.423

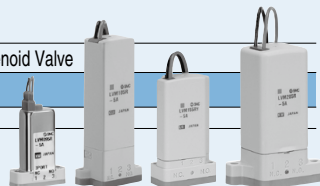


For Chemical Liquids Compact Direct Operated 2/3 Port Solenoid Valve

Series LVM

N.C., N.O., Universal

P.437



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.O.	N.C.	N.O.	N.C.	N.C., N.O., C.O.	
Port size	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	—	—	—	●	●	—	—	—		
Page		P.358		P.371		P.424		P.362	P.402	

* 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.						
Page		P.442	P.445	P.445	P.452	P.456

⚠ Caution

Be sure to read before handling. Refer to front matter 41 for Safety Instructions, and pages 17 to 19 for 2 Port Solenoid Valves for Fluid Control Precautions.