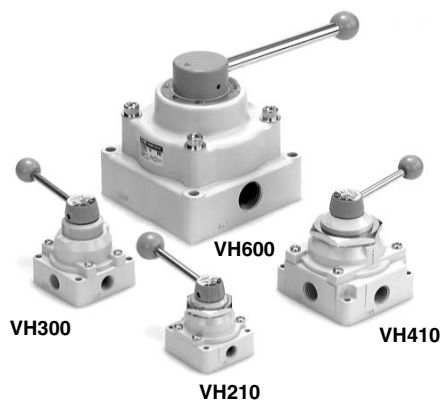


Hand Valve Series VH



Specifications

Fluid	Air	
Proof pressure	1.5 MPa	
Max. operating pressure	VH200/300/400	1.0 MPa
	VH600	0.7 MPa
Ambient temperature and operating fluid temperature	-5 to 60°C (No freezing)	
Operating angle	90°	
Lubrication	Not required (Use turbine oil Class 1 ISO VG32, if lubricated.)	

Option

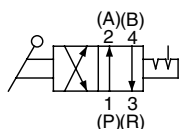
Bottom ported	VH300/400
Panel mounted	VH200/300/400
Different P port location (On handle side)	All models applicable *□



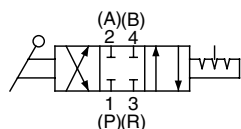
* Note that 1(P) port of VH600 is located on handle side as standard. □

Model

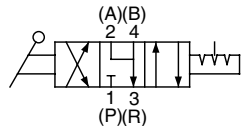
JIS Symbol 2 position



Closed center

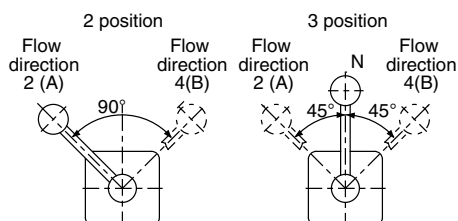


Exhaust center



Handle Operation Angle and Air Flow Direction

(Refer to the figures of piping direction to the right.)



Series	Port size Rc	Number of positions	Piping direction	Model		Effective area (mm²)	Weight (kg)	
				Body mounted	Panel mounted			
VH2	1/4	3 (Closed center)		VH200-02	VH210-02	7.5	0.42	
		3 (Exhaust center)		VH201-02	VH211-02			
		2 (Position)		VH202-02	VH212-02			
VH3	1/4, 3/8	3 (Closed center)		VH300-02/03	VH310-02/03	Rc 1/4: 17	0.71	
		3 (Exhaust center)		VH301-02/03	VH311-02/03			
		2 (Position)		VH302-02/03	VH312-02/03			
		3 (Closed center)		VH320-02/03	VH330-02/03	Rc 3/8: 20		
		3 (Exhaust center)		VH321-02/03	VH331-02/03			
		2 (Position)		VH322-02/03	VH332-02/03			
VH4	1/4 to 3/4	3 (Closed center)		VH400-02 to 06	VH410-02 to 06	Rc 1/4: 45	1.28	
		3 (Exhaust center)		VH401-02 to 06	VH411-02 to 06			Rc 3/8: 49
		2 (Position)		VH402-02 to 06	VH412-02 to 06			
		3 (Closed center)		VH420-02 to 06	VH430-02 to 06	Rc 3/4: 58		
		3 (Exhaust center)		VH421-02 to 06	VH431-02 to 06			
		2 (Position)		VH422-02 to 06	VH432-02 to 06			
VH6	3/4, 1	3 (Exhaust center)		VH600-06/10	—	Rc 3/4: 185 Rc 1: 194	9.7	

How to Order

VH 2 0 1 — 02 —

Hand valve •

Body size (Base size) •

2	1/4 base
3	3/8 base
4	1/2 base
6	1 base

Piping/Mounting •

Symbol	Piping ^(Note)	Mounting method
0	Side	Body
1	Side	Panel mounting
2	Bottom	Body
3	Bottom	Panel mounting

 Note) Only side piping is available for VH200 and VH600 and R port is located on the bottom.

1(P) port location

R	1(P) port 180° location change
L	Long handle (Applicable to VH300/400)

* When specifying more than one option, indicate symbols alphabetically.

Port size (Nominal size)

02	1/4
03	3/8
04	1/2
06	3/4
10	1

Thread type

Nil	Rc
N	NPT
F	G

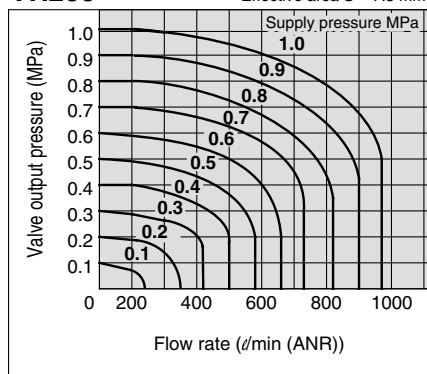
Function •

0	3 position closed center
1	3 position exhaust center
2	2 position

Flow Characteristics

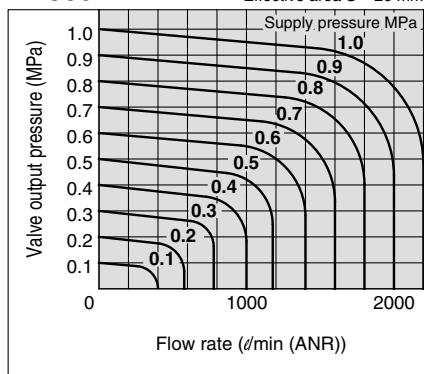
VH200

Effective area S = 7.5 mm²



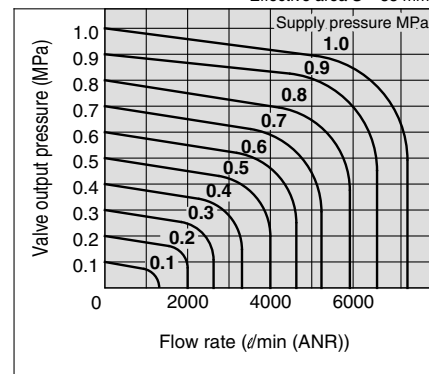
VH300

Effective area S = 20 mm²



VH400

Effective area S = 55 mm²



VH600

Effective area S = 194 mm²

