

V06,10 Series

3.5 Port Air Operated Valve
Metal Seal/In-line Mounting Type

VS2306

3-port, 2-position, single sided

VP2306

3-port, 2-position, double sided

VS2406

5-port, 2-position, single sided

VP2406

5-port, 2-position, double sided

VS2410

5-port, 2-position, single sided

VP2410

5-port, 2-position, double sided



Specifications

Model No.	Unit	VS2306	VP2306	VS2406	VP2406	VS2410	VP2410
Fluid		Non-lubricated/lubricated air					
Port size		Rc¼				Rc⅝, ½	
Sonic-speed transmission㉑	dm³/(s·bar)	2.2(Rc¼)		2.2(Rc¼)		8.0	
Critical pressure ratio㉒		0.2(Rc¼)		0.2(Rc¼)		0.24	
Effective area㉓	mm²	11(Rc¼)		11(Rc¼)		40	
Operating ambient temperature	℃	-5~70㉔					
Operating pressure range	MPa	-0.1~1					
Pilot pressure	MPa	0.15~1㉕					
Mass	kg	0.22	0.3	0.32	0.4	0.8	0.95



- When the temperature falls below 5 °C, please provide air dryer to prevent water frozen.
- Pilot pressure must remain greater than the working pressure. (Pilot pressure ≥ Working pressure).
- The value shown in sonic-speed transmission, critical pressure ratio, effective area, Cv value represent the value of Port 1 -> 4.

Representation

Model No.

VS2406

02

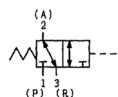
Port size

02: Rc1/4

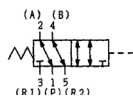
03: Rc3/8

04: Rc1/2

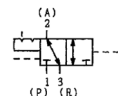
VS2306



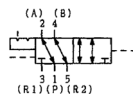
VS2406 VS2410



VP2306



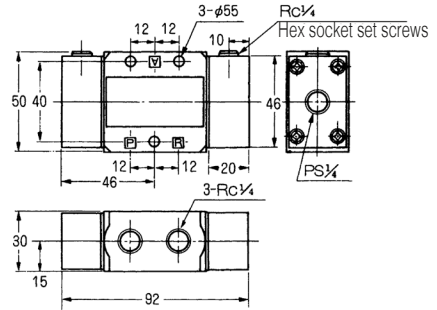
VP2406 VP2410



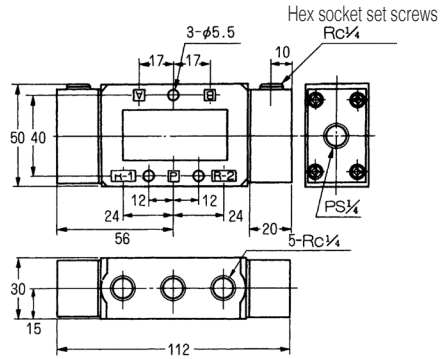
Back up

Parts Name		Model No.
Spring	For 06	M06-SS
	For 10	A08-SS

(Unit: mm)



(Unit: mm)



(Unit: mm)

