

VP-450 工業用擺動式逆止閥

Swing Check Valve

- Minimum flow pressure: 2 PSI
- Install vertically or horizontally, with arrow to indicate flow direction
- Easy to clean by removing the top bonnet.
- Less on-line down time for maintenance
- To avoid blocking, it is recommended to install filter in front of the valve.
- 最低開啓壓力：2 PSI
- 依流向箭頭指示水平或垂直安裝
- 可直接清理閥體，無須自管路拆除
- 前端管路建議安裝過濾器，以防閥門被阻塞

Type 品號	Size 尺寸	Standard 規格	Material 材質	Gasket 墊圈	End type 接口
VP-450	1/2"~8"	ANSI, JIS, DIN	PVC	EPDM, FPM, NBR, PTFE	Flanged
VP-451	1/2"~8"	ANSI, JIS, DIN	CPVC	EPDM, FPM, NBR, PTFE	Flanged
VP-453	1/2"~8"	ANSI, JIS, DIN	PVDF	EPDM, FPM, NBR, PTFE	Flanged
VP-454	1/2"~8"	ANSI, JIS, DIN	PP	EPDM, FPM, NBR, PTFE	Flanged



Nom.	SIZE	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	150mm (6")	200mm (8")
JIS	D	100	100	125	140	140	155	175	185	210	285	343
	D1	70	75	90	100	105	120	140	150	175	240	290
	L	140	140	160	180	180	200	240	260	300	400	500
ANSI	n-øe	4-ø15	4-ø15	4-ø19	4-ø19	4-ø19	4-ø19	4-ø19	8-ø19	8-ø19	8-ø23	12-ø23
	D	100	100	108	127	127	152	178	191	229	285	343
	D1	60	70	79	88.9	98	121	140	152	191	241	299
DIN	L	140	140	160	180	180	200	240	260	300	400	500
	n-øe	4-ø16	4-ø16	4-ø16	4-ø16	4-ø16	4-ø19	4-ø19	4-ø19	8-ø19	8-ø23	8-ø23
	D	100	100	115	150	150	165	185	200	220	285	343
DIN	D1	65	75	85	100	110	125	145	160	180	240	295
	L	140	140	160	180	180	200	240	260	300	400	500
	n-øe	4-ø14	4-ø14	4-ø14	4-ø18	4-ø18	4-ø18	4-ø18	8-ø18	8-ø18	8-ø22	8-ø22
T		15	15	17	19	19	20	22	22	24	26	30
H		93	93	117.5	137	137	165	168.5	169	217	285	338

NO.	PART	MATERIAL	QTY
1	BODY 本體	HI-PVC, UPVC, CPVC, PP, PVDF	1
2	BONNET 上蓋	HI-PVC, UPVC, CPVC, PP, PVDF	1
3	DISC 擺動盤	HI-PVC, UPVC, CPVC, PP, PVDF	1
4	DISC HOLDER 墊盤	HI-PVC, UPVC, CPVC, PP, PVDF	1
5	SWING ARM 擺臂	HI-PVC, UPVC, CPVC, PP, PVDF	1
6	SEAT 止洩座	EPDM, FPM, NBR, PTFE	1
7	GASKET 本體墊圈	EPDM, FPM, NBR, PTFE	1
8	SHAFT 轉軸	PTFE	1
9	DISC NUT 螺帽	HI-PVC, UPVC, CPVC, PP, PVDF	1
10	DISC WASHER 平華司	HI-PVC, UPVC, CPVC, PP, PVDF	1
11	SHEET GASKET 襯墊	EPDM, FPM, NBR, PTFE	1
12	SHEET BOLT 本體螺柱	HI-PVC, UPVC, CPVC, PP, PVDF	1
13	DISC BOLT 墊盤螺柱	HI-PVC, UPVC, CPVC, PP, PVDF	1-8
14	BOLT SETS 螺絲組	STEEL, SUS 304	6-16

Not suggest to installing on dirt/mud piping system
P.S: PVC不建議使用於污泥管路系統

Swing check Valve使用參考壓力和溫度關係

VP-450 Table of Temperature / Water Pressure (Reference only)

Unit: kgf / cm²

Material	U-PVC		CPVC		PP				PVDF		
	EPDM	FPM	EPDM	EPDM	PTFE	PTFE	PTFE	PTFE	PTFE		
SIZE	0-50	0-50	-10-60	61-90	-20-60	61-80	-20-60	61-80	-20-60	61-80	81-100
15(1/2")	7	6	7	6	7	6	6	5	6	5	4
20(3/4")	7	6	7	6	7	6	6	5	6	5	4
25(1")	7	6	7	6	7	6	6	5	6	5	4
40(1-1/2")	7	6	7	6	7	6	6	5	6	5	4
50(2")	7	6	7	6	7	6	6	5	6	5	4
65(2-1/2")	7	6	7	6	7	6	6	5	6	5	4
80(3")	7	5	7	6	7	6	5	4	5	4	3
100(4")	5	5	5	4	5	4	5	4	5	4	3
150(6")	5	3	5	3	5	4	3	2	3	2.5	2
200(8")	3	3	3	2.5	3	2	3	2	3	2.5	2

Notice with water hammer and surge pressure
P.S: 安裝時，特別注意水錘及脈衝現象

