VP-450 工業用擺動式逆止閥
Swing Check Valve

UNIMECH

UNIMECH GROUP, MALAYSIA

- 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 fliter in front of the valve.

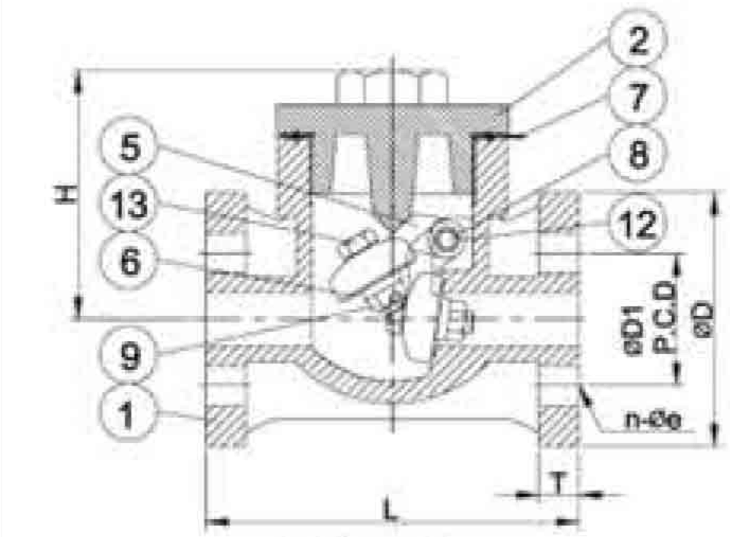
- 最低開啓壓力：2 PSI
- 依流向箭頭指示水平或垂直安裝
- 可直接清理閥體，無須自管路拆除
- 前端管路建議安裝過濾器，以防閥門被阻塞

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

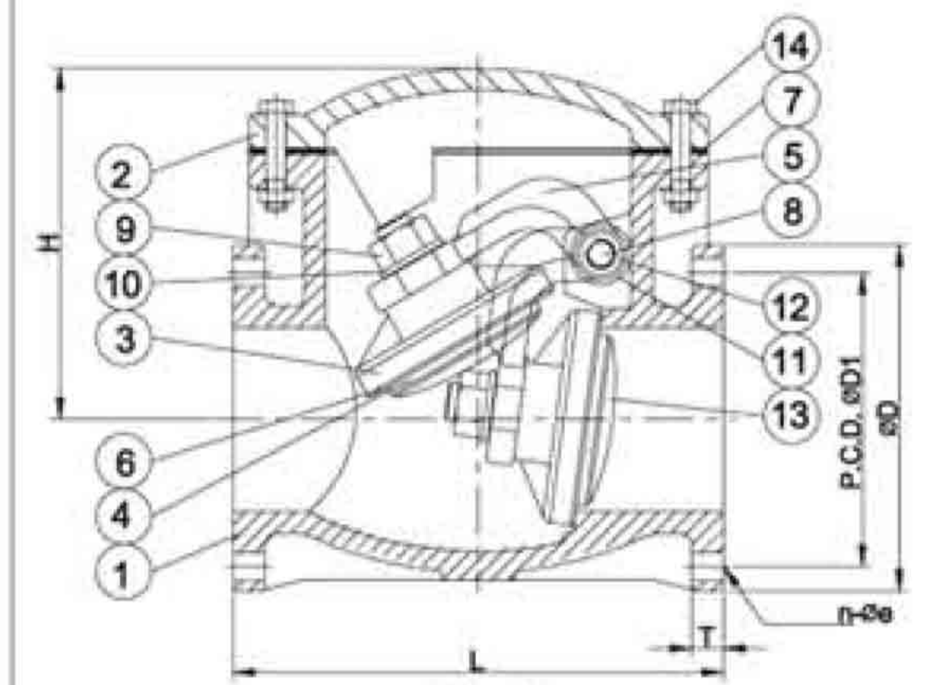
Nom.	SIZE	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")	150mm (6")	200mm (8")
JIS	D	100	100	125	140	140	155	175	185	210	285	343
	D1	70	75	90	100	105	120	140	150	175	240	290
	L	140	140	160	180	180	200	240	260	300	400	500
	n-øe	4-ø15	4-ø15	4-ø19	4-ø19	4-ø19	4-ø19	4-ø19	8-ø19	8-ø19	8-ø23	12-ø23
ANSI	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
	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
DIN	D	100	100	115	150	150	165	185	200	220	285	343
	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	Q'TY
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 止洩圈	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 本體螺栓	HI-PVC, UPVC, CPVC, PP, PVDF	1
13	DISC BOLT 墊盤螺栓	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



1/2"&3/4"



1"~8"

Swing check Valve使用參考壓力和溫度關係
VP-450 Table of Temperature / Water Pressure (Reference)

Unit: kgf / cm^2

SIZE \ Material / ℃	U - PVC EPDM	U - PVC FPM	PP EPDM		PP PTFE		PVDF PTFE		
	0~50	0~50	-20~60	61~80	-20~60	61~80	-20~60	61~80	81~100
15 (1/2")	7	6	7	6	6	5	6	5	4
20 (3/4")	7	6	7	6	6	5	6	5	4
25 (1")	7	6	7	6	6	5	6	5	4
40 (1 1/2")	7	6	7	6	6	5	6	5	4
50 (2")	7	6	7	6	6	5	6	5	4
65 (2 1/2")	7	6	7	6	6	5	6	5	4
80 (3")	7	5	7	6	5	4	5	4	3
100 (4")	5	5	5	4	5	4	5	4	3
125 (5")	5	4	5	4	4	3	4	3	2.5
150 (6")	5	3	5	4	3	2	3	2.5	2
200 (8")	3	3	3	2	3	2	3	2.5	2

Notic with water hammer surge pressure
P.S:安裝時，特別注意水鍾及脈衝現象