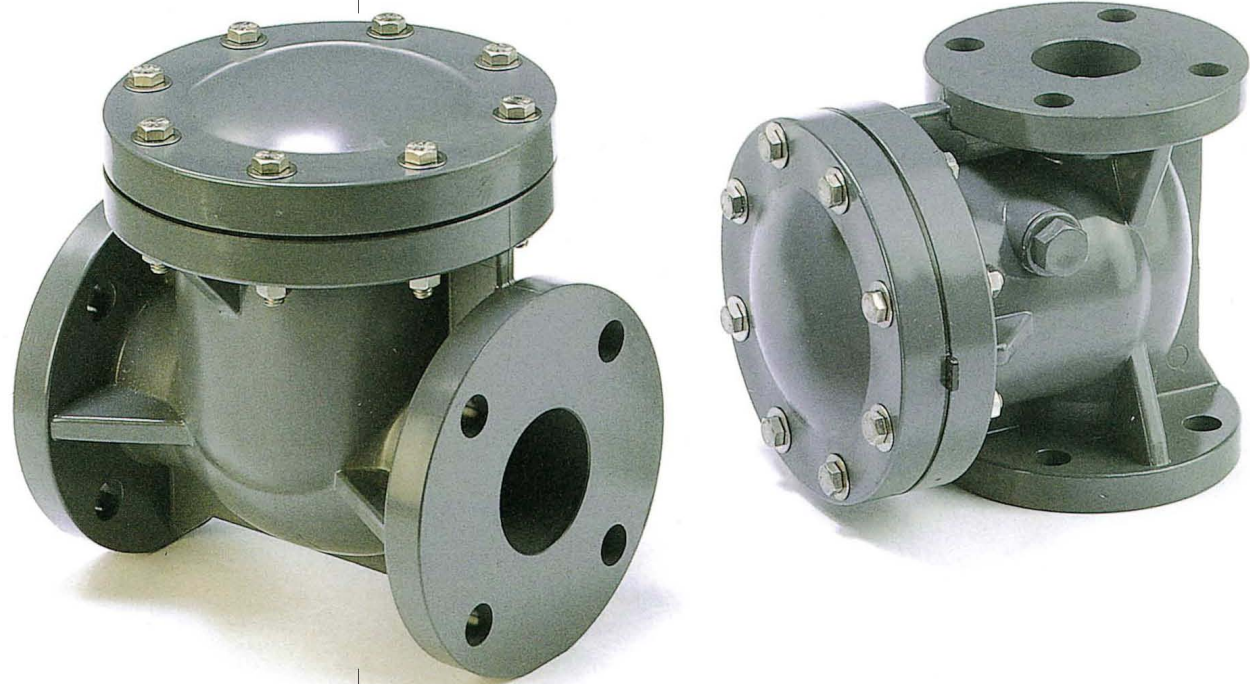


VP-450 Swing Check Valve (스윙 체크밸브)

- 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.

- 최저개폐압력 : 2 PSI
- 유체의 방향과 화살표의 방향이 수평 또는 수직이 되도록 설치.
- 파이프 라인의 해체 없이 직접 세척이 가능.
- 체크밸브의 게이트가 막히는 것을 방지하기 위해 파이프의 앞부분에 스트레너를 함께 설치하기를 권장함.

Type	Size	Standard	Material	Gasket	End type
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	20mm	25mm	32mm	40mm	50mm	65mm	80mm	100mm	150mm	200mm
		(1/2")	(3/4")	(1")	(1-1/4")	(1-1/2")	(2")	(2-1/2")	(3")	(4")	(6")	(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	298
	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-Ø22	8-Ø22
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-Ø18	4-Ø18	4-Ø18	4-Ø18	4-Ø18	8-Ø18	8-Ø18	8-Ø23	8-Ø23
T	15	15	17	19	19	20	22	22	24	26	30	
H	93	93	117.5	136	137	165	170.5	170	216	286	336	

NO.	PART	MATERIAL	Q'TY
1	BODY	HI-PVC, UPVC, CPVC, PP, PVDF	1
2	BONNET	HI-PVC, UPVC, CPVC, PP, PVDF	1
3	DISC	HI-PVC, UPVC, CPVC, PP, PVDF	1
4	DISC HOLDER	HI-PVC, UPVC, CPVC, PP, PVDF	1
5	SWAY ARM	HI-PVC, UPVC, CPVC, PP, PVDF	1
6	DISC GASKET	EPDM, FPM, NBR, PTFE	1
7	GASKET	EPDM, FPM, NBR, PTFE	1
8	SHAFT	PTFE	1
9	DISC NUT	HI-PVC, UPVC, CPVC, PP, PVDF	1
10	DISC WASHER	HI-PVC, UPVC, CPVC, PP, PVDF	1
11	SHEET GASKET	EPDM, FPM, NBR, PTFE	1
12	SHEET BOLT	HI-PVC, UPVC, CPVC, PP, PVDF	1
13	DISC BOLT	HI-PVC, UPVC, CPVC, PP, PVDF	4-8
14	BOLT SETS	STEEL, SUS 304	8-12

P.S : PVC는 진흙관 계통에는 사용하지 않것

Swing Check Valve
VP-450 Table of Temperature / Water Pressure (Reference)

Material	Unit:kgf/cm ²								
	U-PVC		PP				PVDF		
	EPDM	FPM	EPDM	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
SIZE	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

P.S : 설치시 수격작용 및 펄스(Pulse) 현상에 주의할것

