

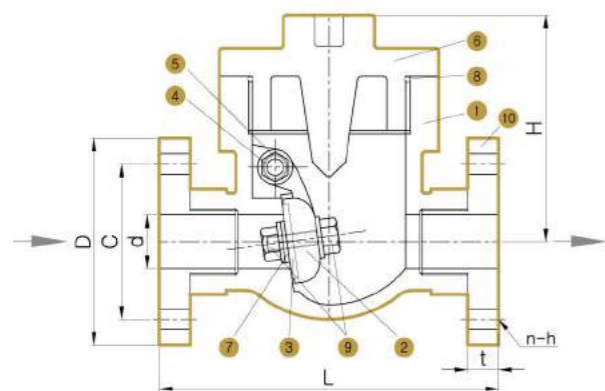
# Swing Check Valves

## Flange Type

- Material : PVC, CPVC, PP, PVDF
- Size : 20mm - 250mm, ¾" - 10"
- Pressure Rating : JIS 10kgf/cm<sup>2</sup>, 150 PSI
- O-Ring : EPDM or FPM
- Connections : ANSI 150 PSI Flanged  
JIS 10kgf/cm<sup>2</sup> Flanged

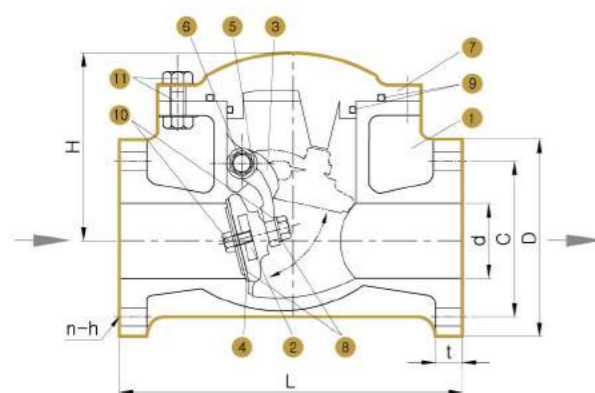
### Special Features

- 수직 수평 배관 사용 가능
- 최적화된 Disc 제작
- 낮은 압력에서도 역류방지 기능 작동
- 유체 통로가 배관과 일직선으로 유량 및 압력 유지
- 유체 방향에 유의하여 설치



20A ~ 25A

NO	PARTS	MATERIALS
1	BODY	PP/PVDF/PVC/CPVC
2	DISC & SWING ARM	S45C(PP/PVDF/PVC/CPVC COATED)
3	SEAT	EPDM
4	SHAFT & BOLT	PP/PVDF/PVC/CPVC
5	O-RING	EPDM
6	BONNET	PP/PVDF/PVC/CPVC
7	SEAT SUPPORT	EPDM
8	BONNET O-RING	EPDM
9	HOLDER BOLT & NUT	PP/PVDF/PVC/CPVC
10	FLANGE	PP/PVDF/PVC/CPVC



30A ~ 100A

NO	PARTS	MATERIALS
1	BODY	PP/PVDF/PVC/CPVC
2	DISC	S45C(PP/PVDF/PVC/CPVC COATED)
3	SWING ARM	PP/PVDF/PVC/CPVC
4	SEAT	EPDM
5	SHAFT & BOLT	PP/PVDF/PVC/CPVC
6	O-RING	EPDM
7	BONNET	PP/PVDF/PVC/CPVC
8	SEAT SUPPORT	PP/PVDF/PVC/CPVC
9	BONNET O-RING	EPDM
10	HOLDER BOLT & NUT	PP/PVDF/PVC/CPVC
11	BOLT & NUT	SS41 (PP COATED) SUS 304



## PP&PVDF

### JIS

Parts Size	d	L	t	JIS 10K			H	MAX Working Pressure (kg/cm <sup>2</sup> )
				D	C	n-h		
20A	20	140	15	100	75	4-15	90	7.5
25A	25	158	15	125	90	4-19	120	7.5
30A	40	180	18	135	100	4-19	138	7.5
40A	40	180	18	140	105	4-19	138	7.5
50A	50	200	21	155	120	4-19	164	7.5
65A	65	240	23	175	140	4-19	168	7.5
80A	80	259	25	185	150	8-19	171	7.5
100A	100	300	25	210	175	8-19	213	5
125A	125	352	28	250	210	8-23	248	5
150A	150	405	29	280	240	8-23	283	5
200A	202	500	34	330	290	12-23	360	5
250A	250	598	38	400	355	12-25	370	5

### ANSI

Parts Size	d	L	t	ANSI CLASS 150			H	MAX Working Pressure (kg/cm <sup>2</sup> )
				D	C	n-h		
3/4"	0.79	5.51	0.59	3.88	2.75	4-0.63	3.54	7.5
1"	0.98	6.22	0.59	4.25	3.12	4-0.63	4.72	7.5
1-1/4"	1.57	7.09	0.71	4.62	3.50	4-0.63	5.43	7.5
1-1/2"	1.57	7.09	0.71	5.00	3.88	4-0.63	5.43	7.5
2"	1.97	7.87	0.83	6.00	4.75	4-0.75	6.46	7.5
2-1/2"	2.56	9.45	0.91	7.00	5.50	4-0.75	6.61	7.5
3"	3.15	10.20	0.98	7.50	6.00	4-0.75	6.73	7.5
4"	3.94	12.01	0.98	9.00	7.50	8-0.75	8.39	5
5"	4.92	13.90	1.10	10.0	8.50	8-0.87	9.76	5
6"	5.91	15.91	1.14	11.0	9.50	8-0.87	11.14	5
8"	7.95	19.69	1.34	13.5	11.75	8-0.87	14.17	5
10"	9.84	23.54	1.50	15.75	13.98	12-0.98	14.57	5

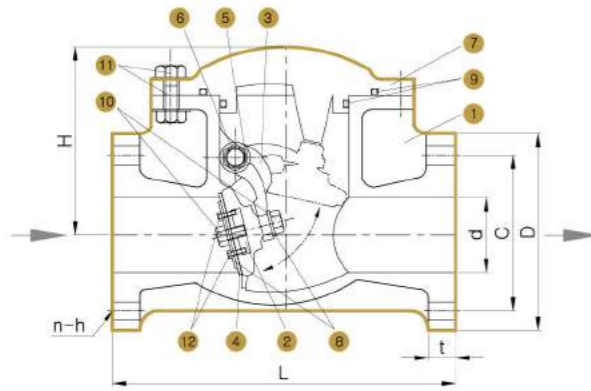
# Swing Check Valves

## Flange Type

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- Size : 20mm - 250mm, 3/4" - 10"
- Pressure Rating : JIS 10kgf/cm<sup>2</sup>, 150 PSI
- O-Ring : EPDM or FPM
- Connections : ANSI 150 PSI Flanged  
JIS 10kgf/cm<sup>2</sup> Flanged

### Special Features

- 수직 수평 배관 사용 가능
- 최적화된 Disc 제작
- 낮은 압력에서도 역류방지 기능 작동
- 유체 통로가 배관과 일직선으로 유량 및 압력 유지
- 유체 방향에 유의하여 설치



125A ~ 250A

NO	PARTS	MATERIALS
1	BODY	PP/PVDF/PVC/CPVC
2	DISC	S45C (PP/PVDF/PVC/CPVC COATED)
3	SWING ARM	PP/PVDF/PVC/CPVC
4	SEAT	EPDM FPM
5	SHAFT & BOLT	PP/PVDF/PVC/CPVC
6	O-RING	EPDM FPM
7	BONNET	PP/PVDF/PVC/CPVC
8	SEAT SUPPORT	PP/PVDF/PVC/CPVC
9	BONNET O-RING	EPDM FPM
10	HOLDER BOLT & NUT	PP/PVDF/PVC/CPVC
11	BOLT & NUT	SS41 (PP COATED) SUS 304
12	BOLT	SS41 (PP COATED)

## PVC&CPVC

### JIS

Size	Parts	d	L	t	JIS 10K			H	MAX Working Pressure (kg/cm <sup>2</sup> )
					D	C	n-h		
20A		20	140	15	100	75	4-15	90	7.5
25A		25	158	15	125	90	4-19	120	7.5
30A		40	185	18	135	100	4-19	138	7.5
40A		40	185	18	140	105	4-19	138	7.5
50A		50	203	21	155	120	4-19	164	7.5
65A		65	245	23	175	140	4-19	168	7.5
80A		80	263	24	185	150	8-19	171	7.5
100A		100	305	25	210	175	8-19	213	5
125A		125	355	28	250	210	8-23	248	5
150A		150	405	29	280	240	8-23	283	5
200A		202	500	34	330	290	12-23	360	5
250A		250	598	38	400	355	12-25	370	5

### ANSI

Size	Parts	d	L	t	ANSI CLASS 150			H	MAX Working Pressure (kg/cm <sup>2</sup> )
					D	C	n-h		
3/4"		0.79	5.51	0.59	3.88	2.75	4-0.63	3.54	7.5
1"		0.98	6.38	0.59	4.25	3.12	4-0.63	4.72	7.5
1-1/4"		1.57	7.28	0.71	4.62	3.50	4-0.63	5.43	7.5
1-1/2"		1.57	7.28	0.71	5.00	3.88	4-0.63	5.43	7.5
2"		1.97	7.99	0.83	6.00	4.75	4-0.75	6.46	7.5
2-1/2"		2.56	9.65	0.91	7.00	5.50	4-0.75	6.61	7.5
3"		3.15	10.35	0.94	7.50	6.00	4-0.75	6.73	7.5
4"		3.94	12.01	0.98	9.00	7.50	8-0.75	8.39	5
5"		4.92	13.98	1.10	10.0	8.50	8-0.87	9.76	5
6"		5.91	15.94	1.14	11.0	9.50	8-0.87	11.14	5
8"		7.95	19.69	1.34	13.5	11.75	8-0.87	14.17	5
10"		9.84	23.54	1.50	15.75	13.98	12-0.98	14.57	5



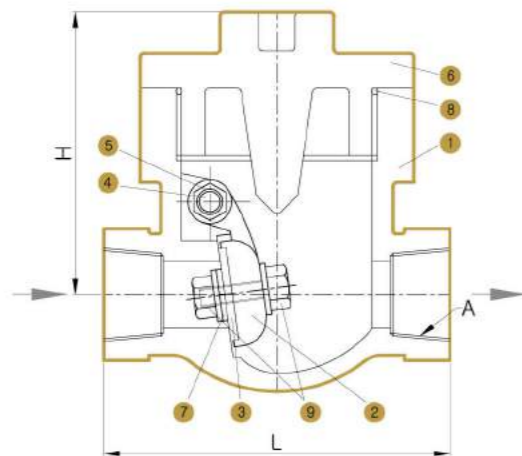
# Swing Check Valves

## Thread Type

- Material : PVC, CPVC, PP, PVDF
- Size : 20mm - 25mm, 3/4" - 1"
- Pressure Rating : JIS 10kgf/cm<sup>2</sup>, 150 PSI
- O-Ring : EPDM or FPM
- Connections : PT Thread

### Special Features

- 수직 수평 배관 사용 가능
- 최적화된 Disc 제작
- 낮은 입력에서도 역류방지 기능 작동
- 유체 통로가 배관과 일직선으로 유량 및 압력 유지
- 유체 방향에 유의하여 설치



NO	PARTS	MATERIALS
1	BODY	PP / PVDF / PVC / CPVC
2	DISC & SWING ARM	PP / PVDF / PVC / CPVC
3	SEAT	EPDM FPM
4	SHAFT & BOLT	PP / PVDF / PVC / CPVC
5	O-RING	EPDM FPM
6	BONNET	PP / PVDF / PVC / CPVC
7	SEAT SUPPORT	EPDM FPM
8	BONNET O-RING	EPDM FPM
9	HOLDER BOLT & NUT	PP / PVDF / PVC / CPVC

## PP&PVDF

JIS		unit : mm			
Size	Parts	L	H	JIS B 0203 A	MAX Working Pressure (kg/cm <sup>2</sup> )
20A		110	95	PT 3/4"	7.5
25A		128	105	PT 1"	7.5

## PVC&CPVC

JIS		unit : mm			
Size	Parts	L	H	JIS B 0203 A	MAX Working Pressure (kg/cm <sup>2</sup> )
20A		112	95	PT 3/4"	7.5
25A		120	105	PT 1"	7.5

