



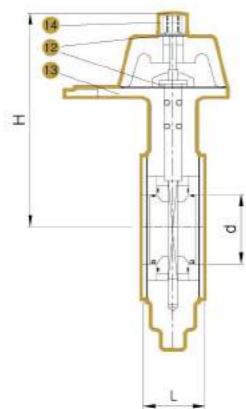
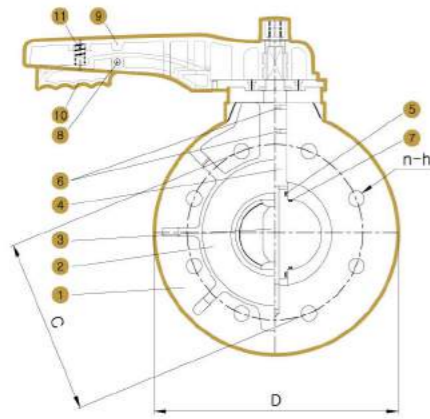
Butterfly Valves

Lever Type

- **Material** : Body/Disc
PP/PP, PP/CPVC,
PP/PVDF, PVDF/PVDF
- **Size** : 40mm - 150mm, 1½" - 6"
Lever Handle
- **Pressure Rating** : JIS 10kgf/cm², 150 PSI
- **Seat** : EPDM or FPM
- **Connections** : ANSI 150 PSI
JIS 10kgf/cm²

Special Features

- 협소한 장소에 설치 가능하도록 제작
- 유체의 통로가 배관과 일직선으로 유량 및 압력 유지
- DISC 유동 손실을 최소화 하도록 설계
- Lever(소,중구경), Gear(소,중,대구경) Type Operator 장착
- 600mm, 24" Size까지 제작
- Actuator 설치 가능



NO	PARTS	MATERIALS
1	BODY	PP / PVDF
2	SEAT	EPDM FPM
3	DISC	PP / PVDF / PVC / CPVC
4	STEM	40A~100A : SUS 410 125A~150A : SCM4 (PP/PVDF COATED)
5	DISC SIDE O-RING	EPDM FPM
6	STEM O-RING	EPDM FPM
7	DISC FACE O-RING	EPDM FPM
8	SET PIN	PP
9	HANDLE	PP
10	LEVER	PPG
11	SPRING	SUS 304
12	WASHER	SUS 304
13	GEAR PLATE	PPG (SUS SCREW BOLT FIXED)
14	NUT	SS41 (PP COATED)

PP, PVDF & CPVC

JIS

Parts Size	d	L	D	JIS 10K		H	MAX Working Pressure (kg/cm ²)
				C	n-h		
40A	49	39	150	105	4-19	163	10
50A	58	42	165	120	4-19	165	10
65A	69	47	185	140	4-19	180	10
80A	79	45	200	150	8-19	185	10
100A	101	56	229	175	8-19	206	10
125A	129	66	254	210	8-23	262	10
150A	150	73	285	240	8-23	281	10

ANSI

Parts Size	d	L	D	ANSI CLASS 150		H	MAX Working Pressure (kg/cm ²)
				C	n-h		
1-1/2"	1.93	1.54	5.91	3.88	4-0.63	6.42	10
2"	2.28	1.65	6.50	4.75	4-0.75	6.50	10
2-1/2"	2.72	1.85	7.28	5.50	4-0.75	7.09	10
3"	3.11	1.77	7.87	6.00	4-0.75	7.28	10
4"	3.98	2.20	9.02	7.50	8-0.75	8.11	10
5"	5.08	2.60	10.00	8.50	8-0.87	10.31	10
6"	5.91	2.87	11.22	9.50	8-0.87	11.06	10



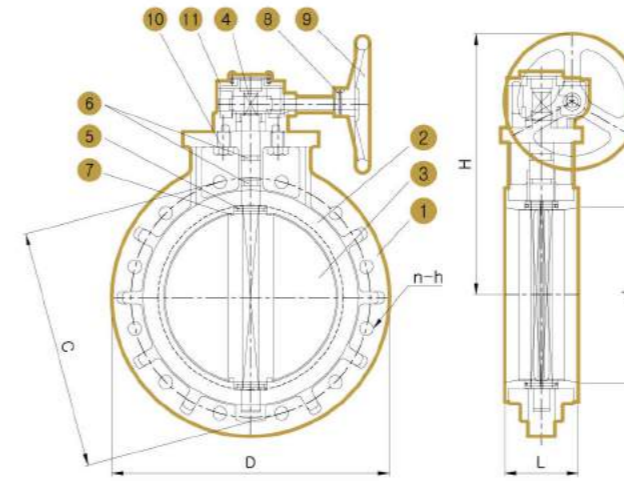
Butterfly Valves

Gear Type

- Material : Body/Disc
PP/PP, PP/CPVC,
PP/PVDF, PVDF/PVDF
- Size : 40mm - 600mm, 1/2" - 24"
Gear Box
- Pressure Rating : JIS 10kgf/cm², 150 PSI
- Seat : EPDM or FPM
- Connections : ANSI 150 PSI
JIS 10kgf/cm²

Special Features

- 협소한 장소에 설치 가능하도록 제작
- 유체의 통로가 배관과 일직선으로 유량 및 압력 유지
- DISC 유동 손실을 최소화 하도록 설계
- Lever(소,중구경), Gear(소,중,대구경) Type Operator 장착
- 600mm, 24" Size까지 제작
- Actuator 설치 가능
- 일반용, 고압용 구분 생산



NO	PARTS	MATERIALS
1	BODY	PP / PVDF
2	SEAT	EPDM FPM
3	DISC	PP / PVDF / PVC / CPVC 40~150A = SUS 410
4	STEM	200~500A = SCM4 (PP/PVDF COATED) 600A = SUS 410
5	DISC SIDE O-RING	EPDM FPM
6	STEM O-RING	EPDM FPM
7	DISC FACE O-RING	EPDM FPM
8	SET PIN	SCM
9	HAND WHEEL	PP (S45C INSERTED)
10	BOLT	40A~250A = SS41 (PP/PVDF COATED) 300A~600A = SUS 304
11	GEAR BOX	40A~250A = ABS 300A~600A = FC

PP&PVDF

JIS

unit : mm

Parts Size	d	L	D	JIS 10K		H	PRESSURE OPTION	
				C	n-h		MAX Working Pressure (kg/cm ²)	
							NORMAL PRESSURE TYPE(일반용)	HIGH PRESSURE TYPE(고압용)
40A	49	39	150	105	4-19	170	10	10
50A	58	42	165	140	4-19	190	10	10
65A	69	47	185	140	4-19	190	10	10
80A	79	45	200	150	8-19	190	10	10
100A	101	56	229	175	8-19	250	10	10
125A	129	66	254	210	8-23	270	10	10
150A	150	73	285	240	8-23	280	10	10
200A	208	94	340	290	12-23	350	7.5	10
250A	256	111	413	355	12-25	380	7.5	10
300A	315	131	495	400	16-25	460	5	10
350A	351	134	522	445	16-25	480	3	8
400A	400	172	600	510	16-27	530	3	7
450A	452	179	630	565	20-27	630	3	6
500A	502	193	699	620	20-27	660	3	5
600A	604	209	813	730	24-33	690	3	5

ANSI

unit : Inch

Parts Size	d	L	D	ANSI CLASS 150		H	PRESSURE OPTION	
				C	n-h		MAX Working Pressure (kg/cm ²)	
							NORMAL PRESSURE TYPE(일반용)	HIGH PRESSURE TYPE(고압용)
1-1/2"	1.93	1.54	5.91	3.88	4-0.63	6.69	10	10
2"	2.28	1.65	6.50	4.75	4-0.75	7.09	10	10
2-1/2"	2.72	1.85	7.28	5.50	4-0.75	7.48	10	10
3"	3.11	1.77	7.87	6.00	4-0.75	7.48	10	10
4"	3.98	2.20	9.02	7.50	8-0.75	9.84	10	10
5"	5.08	2.60	10.00	8.50	8-0.87	10.63	10	10
6"	5.91	2.87	11.22	9.50	8-0.87	11.02	10	10
8"	8.19	3.70	13.39	11.75	8-0.87	13.78	7.5	10
10"	10.08	4.37	16.26	14.25	12-0.98	14.96	7.5	10
12"	12.40	5.16	19.49	17.00	12-0.98	18.11	5	10
14"	13.82	5.28	20.55	18.75	12-1.10	18.90	3	8
16"	15.75	6.77	23.62	21.25	16-1.10	20.87	3	7
18"	17.80	7.05	24.80	22.75	16-1.26	24.80	3	6
20"	19.76	7.60	27.52	25.00	16-1.26	25.98	3	5
24"	23.78	8.23	32.01	29.50	20-1.38	27.17	3	5