

LINED VALVE

BALL VALVE, DIAPHRAGM VALVE, BUTTERFLY VALVE,
PLUG VALVE, BALL CHECK VALVE, WAFER CHECK VALVE,
SAFETY VALVE, AUTO VALVE



FOOSUNG

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INTRODUCTION & FEATURES

01 INTRODUCTION

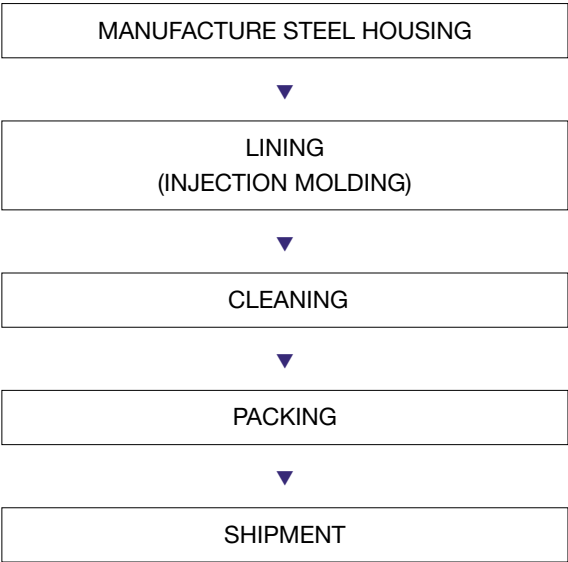
불소수지를 이용한 후성정공의 LINED VALVE는 당사만의 축적된 라이닝 기술로 최고의 품질의 제품이 생산되고 있습니다. 불소수지의 내화학적, 비점착성의 특징을 사용하여 반도체 및 정밀화학산업, 정유화학, 일반화학, 제약 등 다양한 분야에서 사용되고 있습니다.

The Lined Valves of Foosung Precision using fluoro-polymer is a product of the highest quality produced with our own accumulated lining technology. Our products are used in various fields such as semiconductors, fine chemical industries, petrochemicals, general chemicals, and pharmaceuticals, utilizing their chemical resistance and non-adhesive properties.

フッ素樹脂が使われたFOOSUNG精工のライニングバルブは蓄積された弊社独自のライニング技術で 最高品質の製品が生産されています。フッ素樹脂の耐化学性、非粘着性等の特性を利用し、半導体及び精密化学産業、石油化学、一般化学、製薬等の様々な分野で使われています。

厚成精工の氟树脂衬氟阀门应用多年的技术经验,充分保证了产品的高质量。利用氟树脂的耐化学性、非粘着性特点,已应用于半导体及精细化工、炼油化工、普通化工、制药等多个领域。

02 MANUFACTURING PROCESS



03 INSPECTION

- ✓ VISUAL CHECK
- ✓ DIMENSION CHECK
- ✓ PIN HOLE TEST
- ✓ LEAKAGE TEST
- ✓ HYDRO TEST (IF REQUIRED)
- ✓ PAINTING or OUTSIDE TREATMENT CHECK

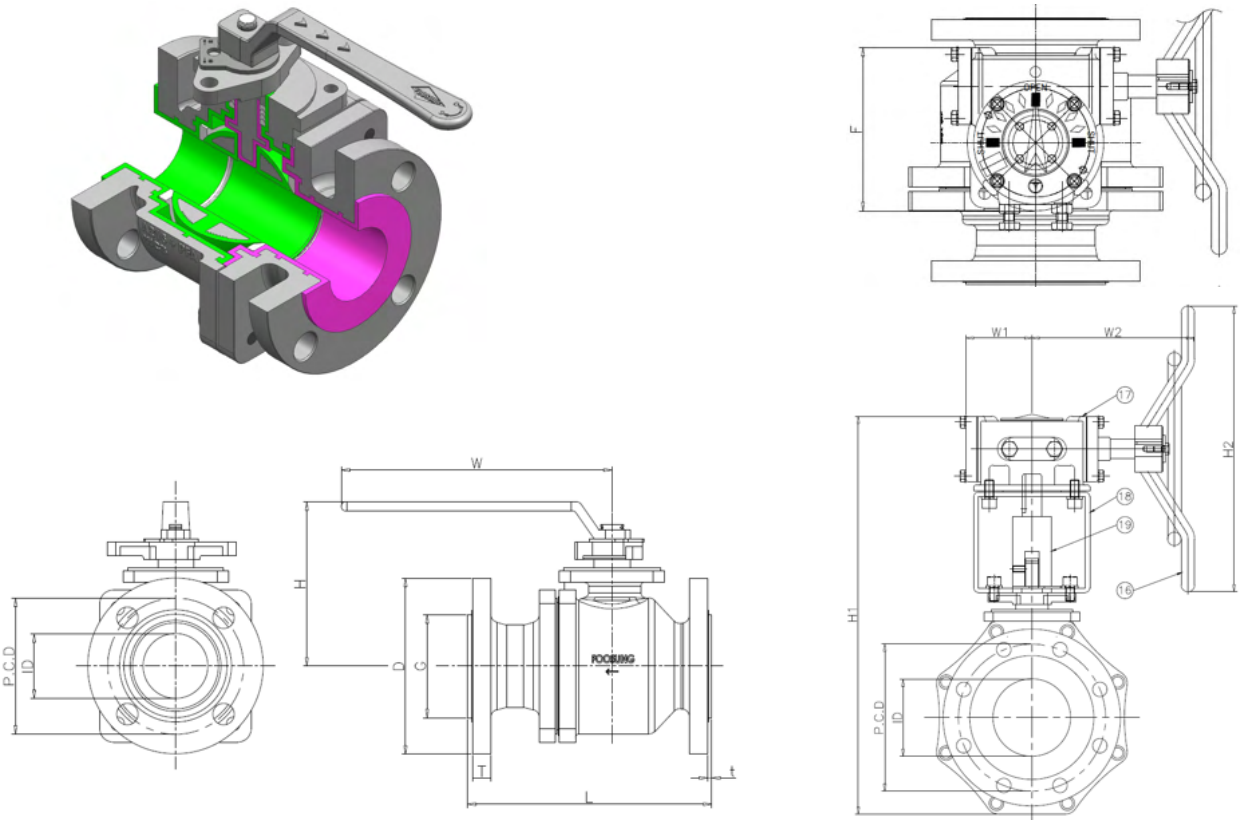
PFA LINED BALL VALVE

RECOMMEND USE CONDITION

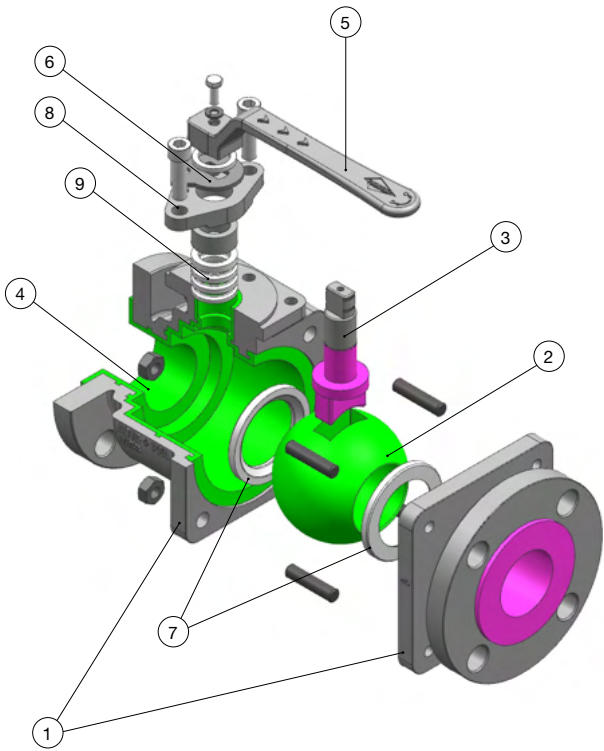
MAX OPERATING PRESSURE	15kgf/cm ²
MAX OPERATING TEMPERATURE	120℃

APPLICATED MATERIAL

STEEL BODY (CASTING)	CARBON STEEL (A216WCB / SCPH2) STAINLESS STEEL (A351CF8 / SCS13)
LINING	PFA (PURE RESIN)
PACKING	PTFE
FLANGE RATE	ANSI150LB / JIS10K



NO	PART	MATERIAL
1	BODY	A216WCB(SCPH2) + PFA LINED or A351CF8(SCS13) + PFA LINED
2	BALL	A351CF8(SCS13) + PFA LINED
3	STEM	A351CF8(SCS13) + PFA LINED
4	LINING	PFA
5	HANDLE	A351CF8(SCS13) - upto 3"
	GEAR	4" ~ 6"
6	INDICATOR	SUS304
7	PACKING (SEAT)	PTFE
8	GRAND	SUS304
9	GRAND PACKING	PTFE
10	BOLT/NUT	SUS304



ANSI150#	DIMENSION (mm)												BOLT-HOLE	BREAK TORQUE (kgf·cm)	REMARK	
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	G	GEAR							
									H1	H2	F	W1				W2
1/2"	108	60.3	100	88.9	15	3.0	9.6	39	-	-	-	-	-	4-Φ16	100	LEVER OP.
3/4"	117	69.9	100	98.6	20	3.0	11.2	47	-	-	-	-	-	4-Φ16	100	LEVER OP.
1"	127	79.4	110	108.0	25	3.0	12.7	59	-	-	-	-	-	4-Φ16	100	LEVER OP.
1-1/2"	165	98.4	130	127.0	40	3.5	15.9	75	-	-	-	-	-	4-Φ16	500	LEVER OP.
2"	178	120.6	142	152.4	50	3.5	17.5	92	-	-	-	-	-	4-Φ19	500	LEVER OP.
2-1/2"	203(*)	139.7	180	177.8	76	4.0	14.5(*)	115	-	-	-	-	-	4-Φ19	1200	LEVER OP.
3"	203	152.4	180	190.5	76	4.0	20.0(*)	124	-	-	-	-	-	4-Φ19	1200	LEVER OP.
4"	229	190.5	-	228.6	100	4.0	22.3	158	470	300	182	86	233	8-Φ19	1500	GEAR OP.
5"	305(*)	215.9	-	254	100	4.0	30.5(*)	151	470	300	182	86	233	8-Φ22	1500	GEAR OP.
6"	267	241.3	-	279.4	140	4.5	23.9	210	582	450	206	91	292	8-Φ22	3200	GEAR OP.

JIS10K	DIMENSION (mm)												BOLT-HOLE	BREAK TORQUE (kgf·cm)	REMARK	
	FACE TO FACE (L)	P.C.D	HIGHT (H)	D	ID	t	T	G	GEAR							
									H1	H2	F	W1				W2
15A	140	70	100	95	20	3.0	12	47	-	-	-	-	-	4-Φ15	100	LEVER OP.
20A	152	75	100	100	20	3.0	14	50	-	-	-	-	-	4-Φ15	100	LEVER OP.
25A	165	90	110	125	25	3.0	14	60	-	-	-	-	-	4-Φ19	100	LEVER OP.
40A	190	105	130	140	40	3.5	16	75	-	-	-	-	-	4-Φ19	500	LEVER OP.
50A	216	120	142	155	50	3.5	16	95	-	-	-	-	-	4-Φ19	500	LEVER OP.
65A	283(*)	140	18	175	76	4.0	18	117	-	-	-	-	-	4-Φ19	1200	LEVER OP.
80A	283	150	180	185	76	4.0	18	125	-	-	-	-	-	8-Φ19	1200	LEVER OP.
100A	305	175	-	210	100	4.0	18	151	470	300	182	86	233	8-Φ19	1500	GEAR OP.
125A	305(*)	210	-	250	100	4.0	30.5(*)	151	470	300	182	86	233	8-Φ23	1500	GEAR OP.
150A	267(SHORT)	240	-	280	140	4.5	22	210	582	400	206	91	265	8-Φ23	3200	GEAR OP.

※ Our Ball Valves are designed based on a Hex-Nut rather than Heavy Hex Nut.
(*) Maker Standard

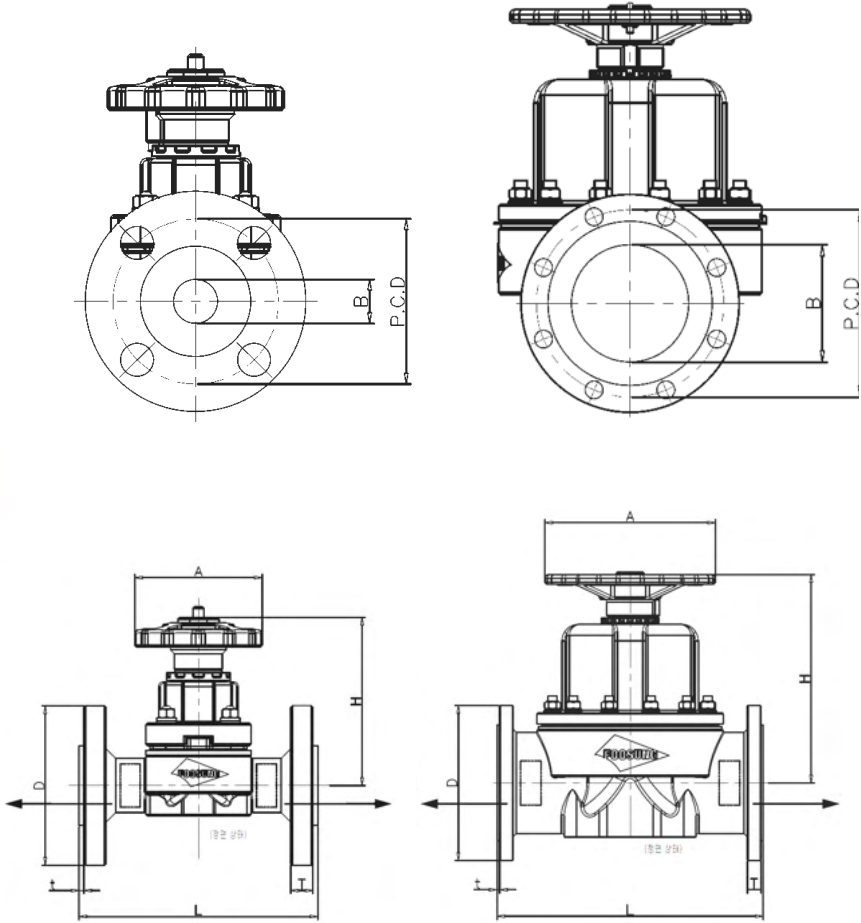
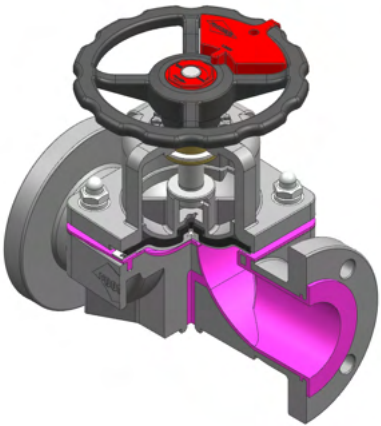
PFA LINED DIAPHRAGM VALVE

RECOMMEND USE CONDITION

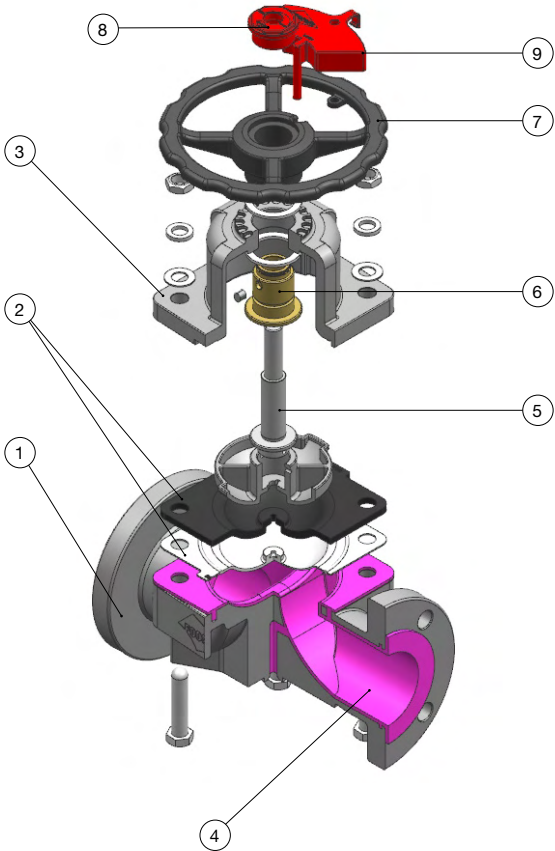
MAX OPERATING PRESSURE	8kgf/cm ²
MAX OPERATING TEMPERATURE	70℃

APPLICATED MATERIAL

STEEL BODY (CASTING)	CARBON STEEL (A216WCB / SCPH2) STAINLESS STEEL (A351CF8 / SCS13)
LINING	PFA (PURE RESIN)
PACKING	PTFE
FLANGE RATE	ANSI150LB / JIS10K



NO	PART	MATERIAL
1	BODY	A216WCB(SCPH2) + PFA LINED A351CF8(SCS13) + PFA LINED
2	DIAPHRAGM	EPDM + N-PTFE
3	BONNET	SCS13
4	LINING	PFA
5	SPINDLE	SUS304
6	SLEEVE	BRASS
7	HANDLE	SCS13 + PAINT
8	TOP COVER	PVDF
9	HANDLE LOCK	PVDF
10	BOLT/NUT	SUS304



JIS10K	DIMENSION (mm)								BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	A		
15A	150	70	105	95.0	20	3.0	12.0	80	4-Φ15	
20A	150	75	105	100.0	20	3.0	14.0	80	4-Φ15	
25A	160	90	113	125.0	25	3.0	14.0	90	4-Φ19	
40A	200	105	155	140.0	40	3.0	16.0	130	4-Φ19	
50A	230	120	172	155.0	50	3.0	16.0	130	4-Φ19	
65A	290	140	233	175.0	77	4.0	18.0	220	4-Φ19	
80A	310	150	233	185.0	77	4.0	18.0	220	8-Φ19	
100A	350	175	274	210.0	100	4.0	18.0	220	8-Φ19	

ANSI150#	DIMENSION (mm)								BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	A		
1/2"	150	60.4	105	88.9	20	3.0	11.2	80	4-Φ16	
3/4"	150	69.9	105	98.6	20	3.0	12.7	80	4-Φ16	
1"	160	79.2	113	108.0	25	3.0	14.2	90	4-Φ16	
1-1/2"	200	98.5	155	127.0	40	3.0	17.5	130	4-Φ16	
2"	230	120.6	172	152.4	50	3.0	19.1	130	4-Φ19	
2-1/2"	290	139.7	233	177.8	77	4.0	22.4	220	4-Φ19	
3"	310	152.4	233	190.5	77	4.0	23.9	220	4-Φ19	
4"	350	190.5	274	228.6	100	4.0	23.9	220	8-Φ19	

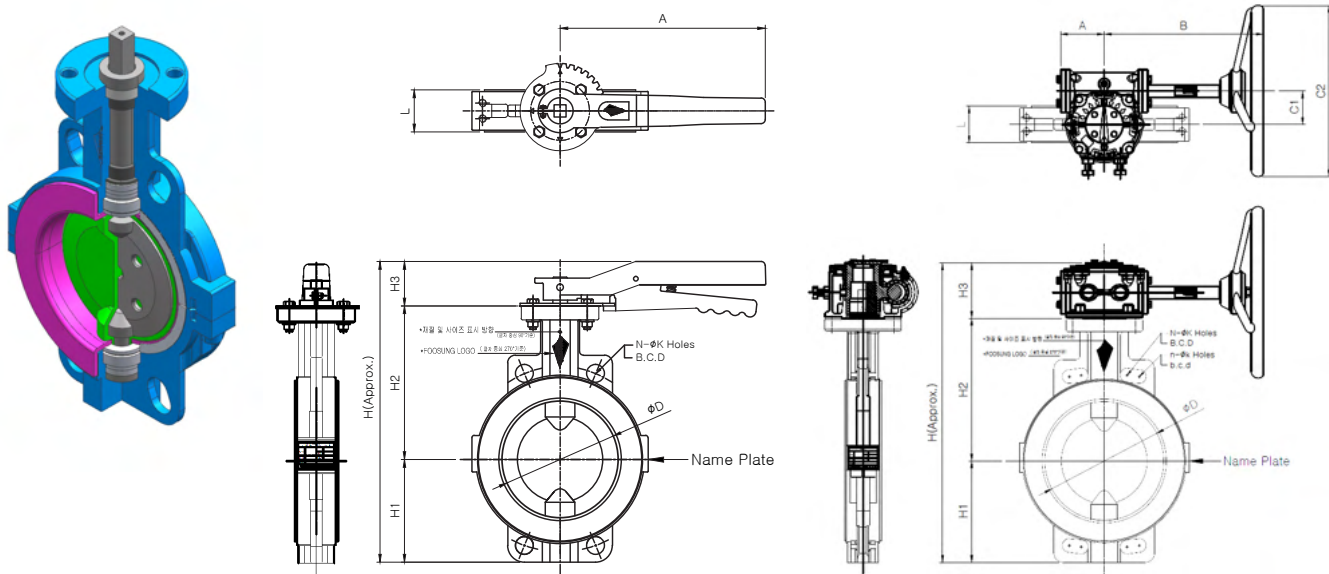
PFA LINED BUTTERFLY VALVE

RECOMMEND USE CONDITION

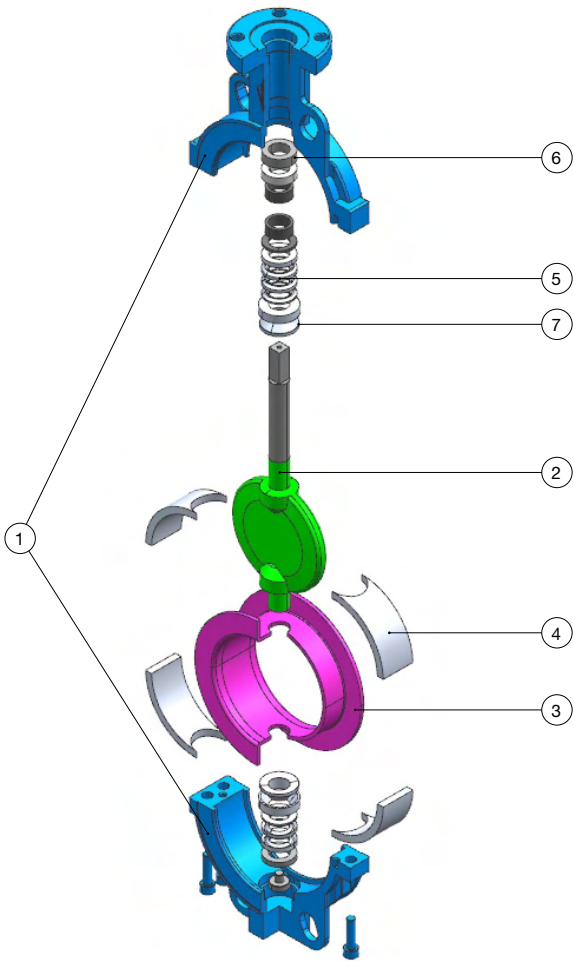
MAX OPERATING PRESSURE	10kgf /cm ²
MAX OPERATING TEMPERATURE	120℃

APPLICATED MATERIAL

STEEL BODY (CASTING)	CARBON STEEL (A216WCB / SCPH2) STAINLESS STEEL (A351CF8 / SCS13)
LINING	PFA (PURE RESIN)
PACKING	PTFE
FLANGE RATE	ANSI150LB / JIS10K



NO	PART	MATERIAL
1	BODY	A216WCB(SCPH2) or A351CF8(SCS13)
2	DISC / STEM	A351CF8(SCS13) + PFA LINED
3	BODY LINER	PTFE
4	LINER PAD	SILICONE
5	PACKING	PTFE
6	BUSH	SUS304
7	GUIDE RING	PTFE + VITON
8	HANDLE	ALUMINIUM, upto 6"(150A)
	GEAR	8"(200A)~12"(300A)
9	BOLT/NUT	SUS304



ANSI150#	DIMENSION (mm)											BOLT-HOLE (N-ΦK / n-Φk)	BREAK TORQUE (kgf·cm)	REMARK
	FACE TO FACE (L)	B.C.D /b.c.d	D (ID)	A	H	H1	H2	H3	GEAR					
									B	C1	C2			
2" / 50A	43	120	56.0	210.0	262	77.0	120.0	65	-	-	-	2-Φ19	300	LEVER OP.
2-1/2" / 65A	46	140 / 150	79.0	210.0	294	89.0	140.0	65	-	-	-	2-Φ19	700	LEVER OP.
3" / 80A	46	150 / 160	79.0	210.0	294	89.0	140.0	65	-	-	-	2-Φ19	700	LEVER OP.
4" / 100A	52	190.5 / 175	103.0	210.0	331	106.0	160.0	65	-	-	-	4-Φ19	1,300	LEVER OP.
5" / 125A	56	210 / 216	149.0	340.0	398	123	200	75	-	-	-	4-Φ23	3,400	LEVER OP.
6" / 150A	56	240	149.0	340.0	408	133.0	200.0	75	-	-	-	4-Φ23	3,400	LEVER OP.
8" / 200A	60	290 / 298.5	192.0	73.0	494	166	233	95	185.0	55	250	4-Φ23 / 4-Φ22	6,000	GEAR OP.
10" / 250A	68	362 / 355	248.0	86.0	567	204	260	103	233.0	65	300	4-Φ25	8,500	GEAR OP.
12" / 300A	78	431.8 / 400	286.0	94.0	643	235	300	108	281.0	79	400	4-Φ25	10,800	GEAR OP.

※ This BUTTERFLY VALVE is available for both ANSI150LB and JIS10K,
※ SPACER is required for valve installation. (The SPACER is sold separately.)

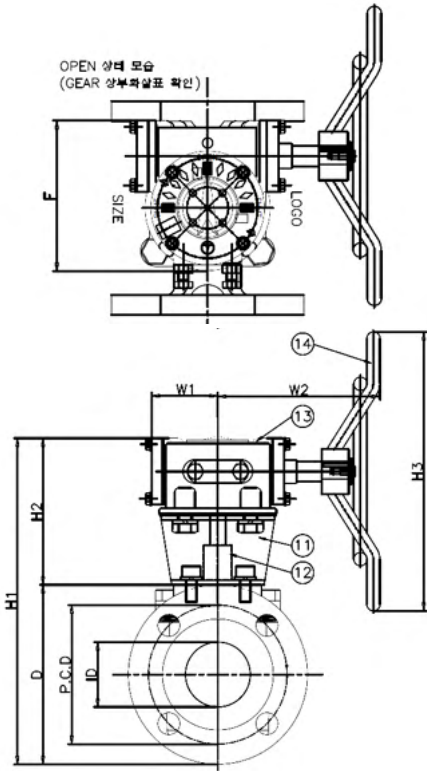
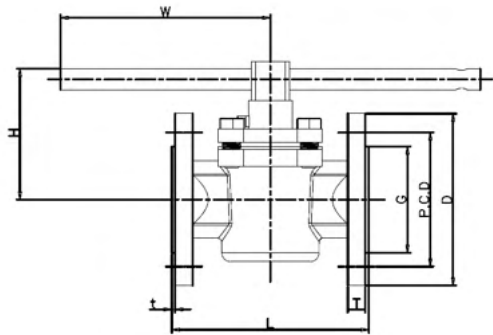
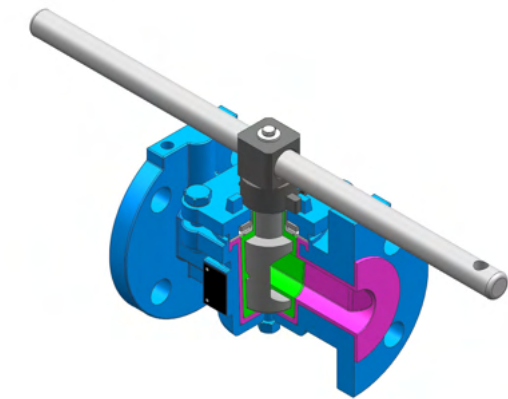
PFA LINED PLUG VALVE

RECOMMEND USE CONDITION

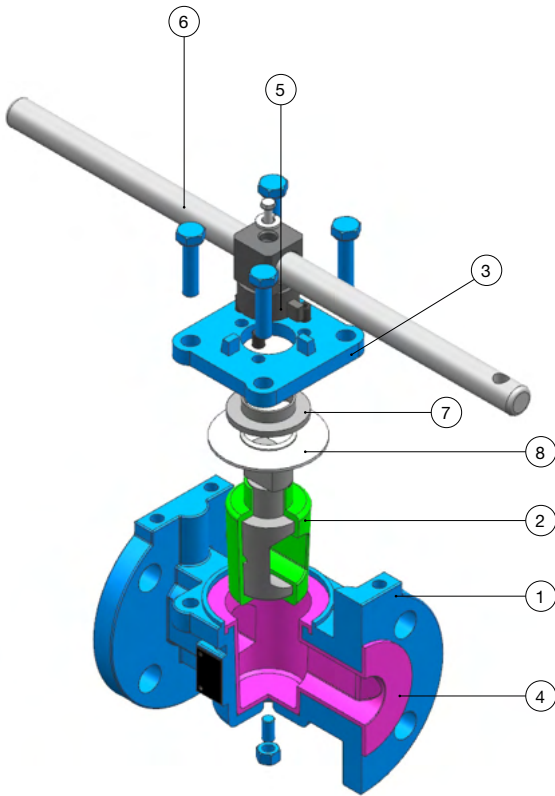
MAX OPERATING PRESSURE	15kgf/cm ²
MAX OPERATING TEMPERATURE	150℃

APPLICATED MATERIAL

STEEL BODY (CASTING)	CARBON STEEL (A216WCB / SCPH2) STAINLESS STEEL (A351CF8 / SCS13)
LINING	PFA (PURE RESIN)
PACKING	PTFE
FLANGE RATE	ANSI150LB / JIS10K



NO	PART	MATERIAL
1	BODY	A216WCB / SCPH2 + PFA LINED
2	PLUG	A216WCB / SCPH2 + PFA LINED
3	COVER	A216WCB / SCPH2
4	LINING	PFA
5	HANDLE BLOCK	A216WCB / SCPH2
6	HANDLE	SS400 - upto 3"
	GEAR	4" ~ 8"
7	THRUST COLLAR	SUS304 (AISI 304)
8	DIAPHRAGM	PTFE
9	BOLT/NUT	A193 B8 (SUS304)



ANSI150#	DIMENSION (mm)															BOLT-HOLE	BREAK TORQUE (kgf·cm)	REMARK
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	G	HANDLE / GEAR									
									H1	H2	H3	F	W/W1	W2				
1/2"	117(*)	60.3	90	98.6(*)	16.5	3.0	9.6	39	-	-	-	-	138	-	4-Φ16	700	LEVER OP.	
3/4"	117	69.9	90	98.6	16.5	3.0	10(*)	46	-	-	-	-	138	-	4-Φ16	700	LEVER OP.	
1"	127	79.4	92	108.0	18.5	3.5	12.7	53	-	-	-	-	143	-	4-Φ16	700	LEVER OP.	
1-1/2"	165	98.4	102	127.0	31	3.5	16.0	72	-	-	-	-	215	-	4-Φ16	2,000	LEVER OP.	
2"	178	120.5	140	155.0	47	4.0	18.0	86	-	-	-	-	243	-	4-Φ19	2,000	LEVER OP.	
2-1/2"	203(*)	139.7	148*	180.0	73	4.0	20.7	110	388	197	400	209	275/93	270	4-Φ19	5,500	LEVER or GEAR OP.	
3"	203	152.4	148*	190.5	73	4.0	22.3	124	388	197	400	209	275/93	270	4-Φ19	5,500	LEVER or GEAR OP.	
4"	229	190.5	-	229.0	90	4.0	22.3	150	426	197	400	209	93	290	8-Φ19	6,500	GEAR OP.	
6"	267	241.3	-	279.4	141	4.5	24.0	207	496	217	500	255	119	337	8-Φ22	25,000	GEAR OP.	
8"	292	298.5	-	342.9	191	4.5	27.0	258	570	227	560	299	125	378	8-Φ22	44,400	GEAR OP.	
10"	330	361.9	-	405.0	237	8.0	28.6	324	676.4	270	560	299	125.5	407.5	12-Φ25	57,800	GEAR OP.	
12"	356	432	-	482.6	287	8.0	30.2	381	798	315	630	364.5	153	457	12-Φ25	92,000	GEAR OP.	

* GEAR OPERATION STANDARD

JIS10K	DIMENSION (mm)														BOLT-HOLE	BREAK TORQUE (kgf·cm)	REMARK
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	G	GEAR								
									H1	H2	H3	F	W/W1	W2			
15A	117(*)	70	90	98.6(*)	16.5	3.0	10(*)	46	-	-	-	-	137.5	-	4-Φ15	700	LEVER OP.
20A	117	75	90	100	16.5	3.0	14	46	-	-	-	-	137.5	-	4-Φ15	700	LEVER OP.
25A	127	90	92	125	18.5	3.5	14	57	-	-	-	-	142.5	-	4-Φ19	700	LEVER OP.
40A	165	105	102	140	31	3.5	16	72	-	-	-	-	215	-	4-Φ19	2,000	LEVER OP.
50A	178	120.5	140	155	47	4.0	16	86	-	-	-	-	242.5	-	4-Φ19	2,600	LEVER OP.
65A	203(*)	140	148*	180	73	4.0	18	110	388	197	400	209	275/93	270	4-Φ19	5,500	LEVER or GEAR OP.
80A	203	150	148*	185	73	4.0	18	120	388	197	400	209	275/93	270	8-Φ19	5,500	LEVER or GEAR OP.
100A	229	175	-	210	90	4.0	18	140	426	197	400	209	93	290	8-Φ19	6,500	GEAR OP.
150A	267	240	-	280	141	4.5	22	196	496	217	500	255	119	337	8-Φ23	25,000	GEAR OP.
200A*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* 200A SIZE PLUG VAVLE is made by using 8" Model(ANSI150#).

※ Our Plug Valves are designed based on a Hex–Nut rather than Heavy Hex Nut.

(*) Maker Standard

PFA LINED BALL CHECK VALVE

RECOMMEND USE CONDITION

MAX OPERATING PRESSURE 15kgf/cm²

MAX OPERATING TEMPERATURE 150℃

APPLICATED MATERIAL

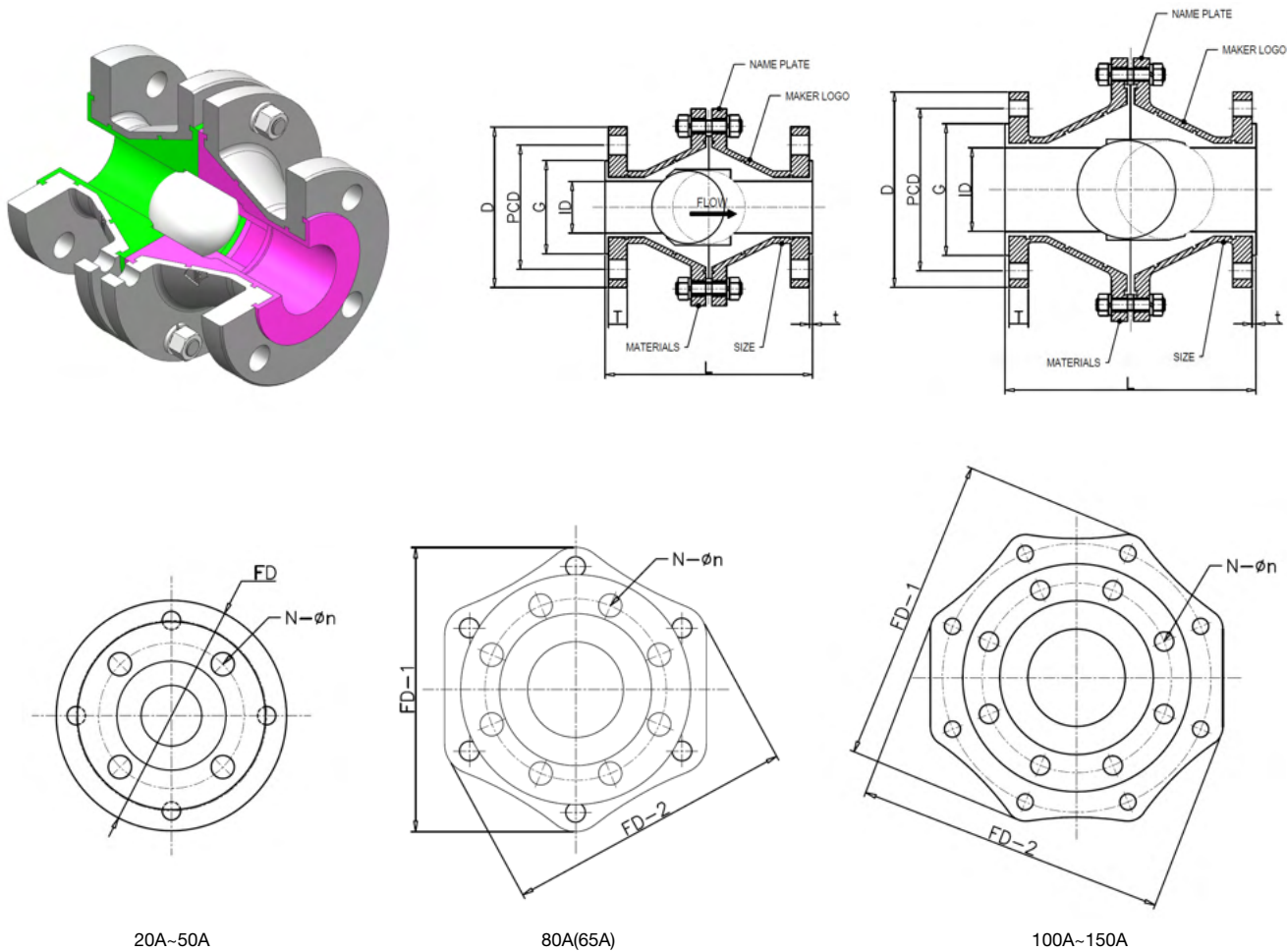
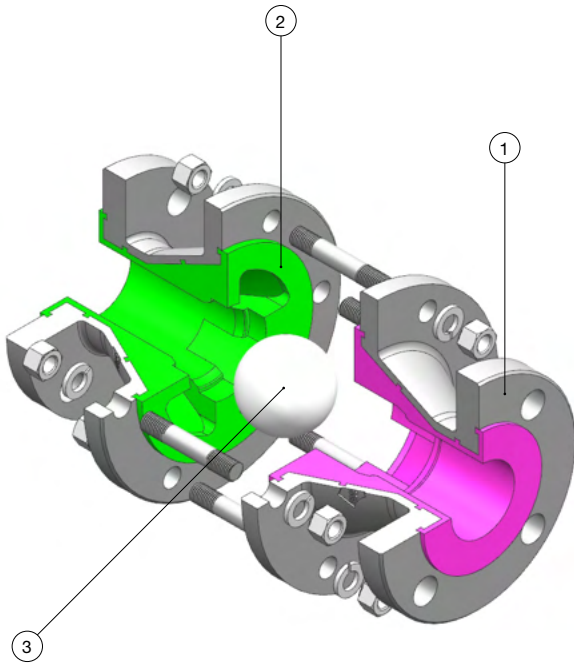
STEEL BODY (CASTING) CARBON STEEL (A216WCB / SCPh2)
STAINLESS STEEL (A351CF8 / SCS13)

LINING PFA (PURE RESIN)

FLANGE RATE ANSI150LB / JIS10K



NO	PART	MATERIAL
1	BODY	A216WCB(SCPH2) + PFA LINED or A351CF8(SCS13) + PFA LINED
2	LINING	PFA
3	BALL	PTFE
4	BOLT/NUT	SUS304



ANSI150#	DIMENSION (mm)									BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	D	ID	t	T	G	CENTER OD			
								FD1	FD2		
1/2"	152	60.4	88.9	19	3.0	11.2	39	116	-	4-Φ16	
3/4"	152	69.9	98.6	19	3.0	12.7	46	116	-	4-Φ16	
1 "	152	79.2	108.0	24	3.0	14.2	55	133	-	4-Φ16	
1-1/2"	178	98.5	125(*)	40	3.0	17.5	74	170	-	4-Φ16	
2 "	203	120.6	155.0	50	3.0	19.1	93	190	-	4-Φ19	
3 "	241	152.4	185.0	78	3.5	20.5	125	235	240	4-Φ19	
4 "	292	190.5	228.6	100	3.5	21.0	160	306	306	8-Φ19	
6 "	356	241.3	279.4	146	3.5	25.0	208	360	360	8-Φ22	

JIS10K	DIMENSION (mm)									BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	D	ID	t	T	G	CENTER OD			
								FD1	FD2		
15A	152	70	95	20	3.0	12	46	116	-	4-Φ15	
20A	152	75	100	20	3.0	13(*)	54	116	-	4-Φ15	
25A	152	90	125	25	3.0	14	65	133	-	4-Φ19	
40A	178	105	140	40	3.0	16	79	170	-	4-Φ19	
50A	203	120	155	50	3.0	18(*)	93	190	-	4-Φ19	
80A	241	150	185	79	3.5	20.5	124	235	240	8-Φ19	
100A	292	175	210	98	3.5	21	148	306	306	8-Φ19	
150A	356	240	280	146	3.5	25	208	360	360	8-Φ23	

(*) Maker Standard

PFA LINED WAFER CHECK VALVE

RECOMMEND USE CONDITION

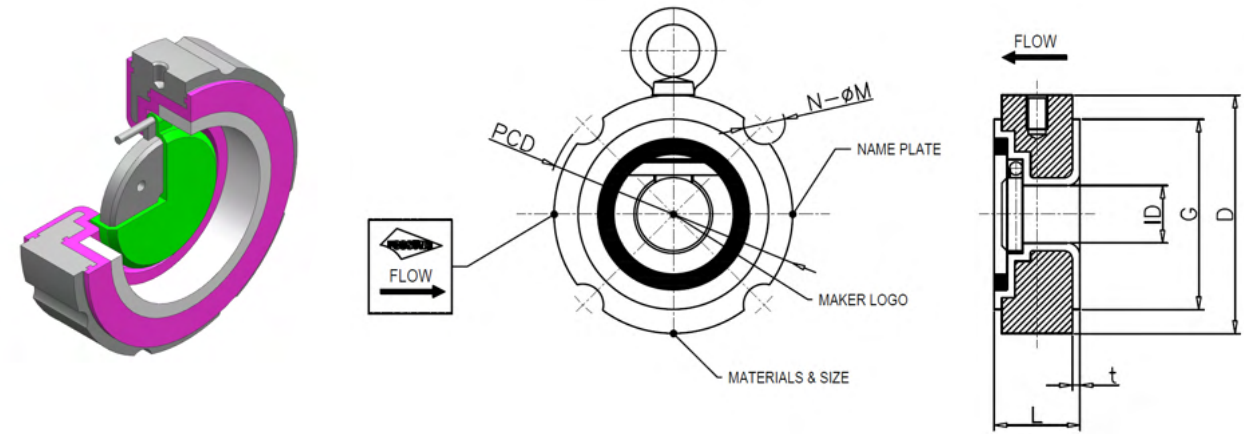
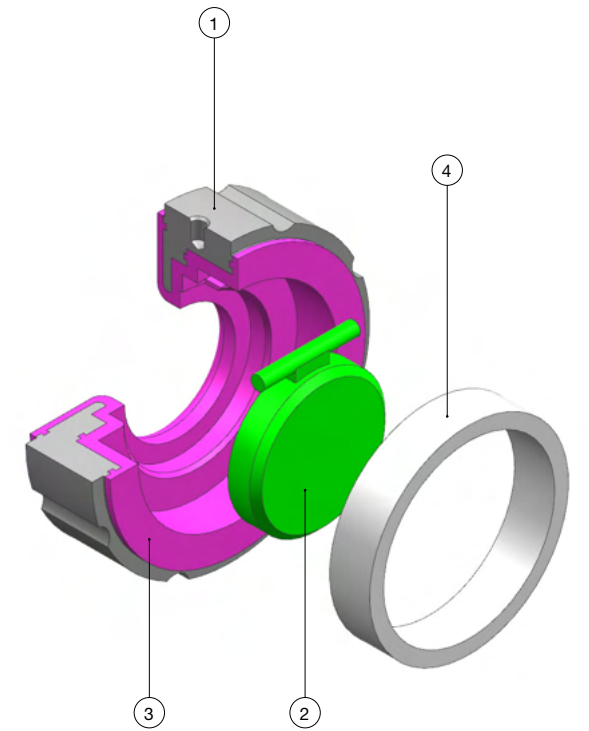
MAX OPERATING PRESSURE	10kgf /cm ²
MAX OPERATING TEMPERATURE	150℃

APPLICATED MATERIAL

STEEL BODY (CASTING)	CARBON STEEL (A216WCB / SCPH2) STAINLESS STEEL (A351CF8 / SCS13)
LINING	PFA (PURE RESIN)
FLANGE RATE	ANSI150LB / JIS10K



NO	PART	MATERIAL
1	BODY	A216WCB(SCPH2) + PFA LINED or A351CF8(SCS13) + PFA LINED
2	DISC	- 1-1/2"~3" : PFA - 4"~6" : A351CF8(SCS13)+PFA LINED - 8" & OVER : STS304 + PFA LINED
3	LINING	PFA
4	DISK RING	PTFE



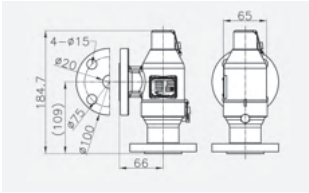
ANSI150#	DIMENSION (mm)						BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	D	ID	t	G		
1-1/2"	33	98.5	92.0	22	3.5	74	4-Φ16	
2"	43	120	112.0	30	3.5	93	4-Φ19	
2-1/2"	46	139.7	146.0	55	3.5	125	4-Φ19	
3"	46	152.4	146.0	55	3.5	125	4-Φ19	
4"	52	190.5	182.0	72	3.5	163	8-Φ19	
6"	56	241.3	235.0	116	3.5	208	8-Φ22	
8"	60	298.5	290.0	155	3.5	260	8-Φ22	
10"	68	361.9	353.0	190	4.0	321	12-Φ25	
16"	102	539.7	597.0	305	5.0	470	16-Φ28	

JIS10K	DIMENSION (mm)						BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	D	ID	t	G		
40A	33	105	92.0	22	3.5	74	4-Φ19	
50A	43	120	112.0	30	3.5	93	4-Φ19	
65A	46	140	146.0	55	3.5	125	4-Φ19	
80A	46	150	148.0	56	3.5	125	8-Φ19	
100A	52	175	184.0	74	3.5	152	8-Φ19	
150A	56	240	235.0	116	3.5	208	8-Φ23	
200A	60	290	290.0	155	3.5	260	12-Φ23	
250A	68	355	353.0	190	4.0	321	12-Φ25	

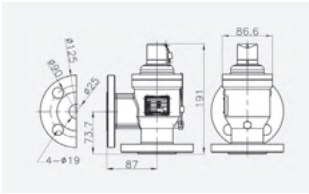


SAFETY VALVE

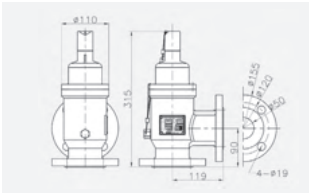
MODEL	KSSV-3/4	
SIZE	20A 10K	
SETTING PRESSURE	0.1 ~ 1.0 Mpa	
MATERIAL	(For inorganic)	316SS / PTFE
	(For organic)	316SS / Electric Polished
Applied Fluid	Gas / Vapor	
Operation Temperature	AMB.	
Code	KS B 6216, KOSHA CODE, FOOSUNG & FDC STANDARD	
WEIGHT	3.3kg	

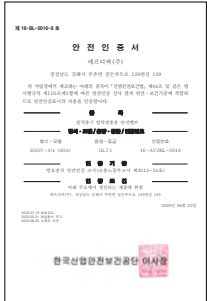
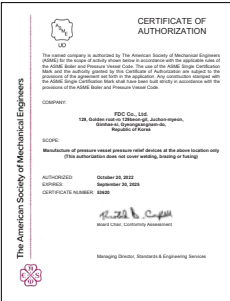


MODEL	KSSV-1	
SIZE	25A 10K	
SETTING PRESSURE	0.1 ~ 1.0 Mpa	
MATERIAL	(For inorganic)	316SS / PTFE
	(For organic)	316SS / Electric Polished
Applied Fluid	Gas / Vapor	
Operation Temperature	AMB.	
Code	KS B 6216, KOSHA CODE, FOOSUNG & FDC STANDARD	
WEIGHT	5.1kg	



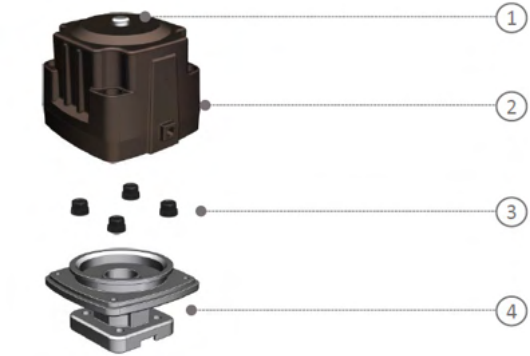
MODEL	KSSV-2	
SIZE	50A 10K	
SETTING PRESSURE	0.15 ~ 1.0 Mpa	
MATERIAL	(For inorganic)	316SS / PTFE
	(For organic)	316SS / Electric Polished
Applied Fluid	Gas / Vapor	
Operation Temperature	AMB.	
Code	KS B 6216, KOSHA CODE, FOOSUNG & FDC STANDARD	
WEIGHT	12kg	



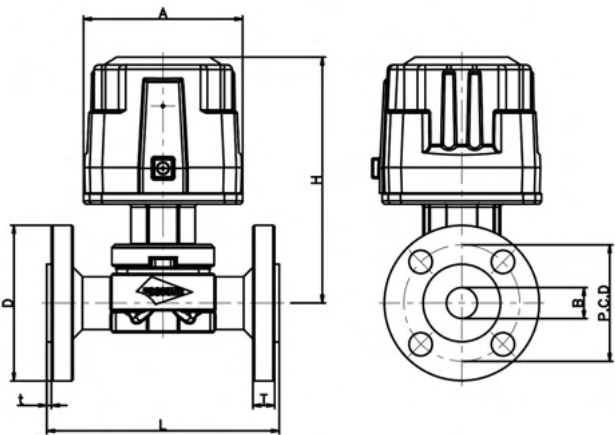
CERTIFICATE	 KOSHA  ASME UD  CSEL TYPE TEST CERT.
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AUTO (ON-OFF) DIAPHRAGM VALVE

ACTURATOR TYPE	PNEUMATIC AIR OPERATION
	SINGLE ACTING
AIR CONNECTION	PT 1/8"
AIR FAIL POSITION	FAIL CLOSE
OPERATING AIR PRESSURE	6~6.5kgf/cm ²



1	SPINDLE	SUS304
2	CYLINDER BODY	ALUMINIUM
3	NUT	SUS304
4	BONNET	SCS13



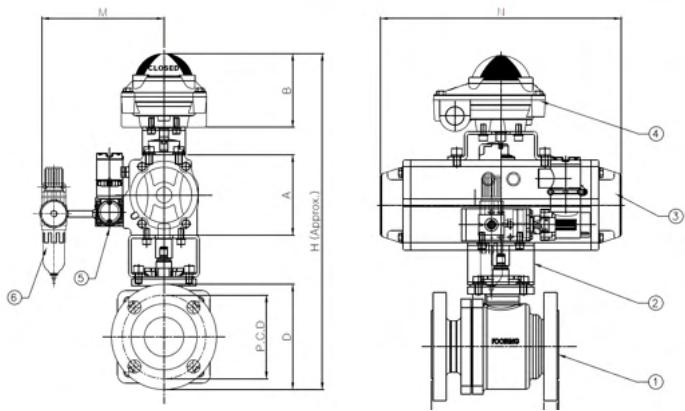
JIS10K	DIMENSION (mm)								BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	A		
15A	150	70	158	95.0	20	3.0	12.0	103	4-Φ15	
20A	150	75	158	100.0	20	3.0	14.0	103	4-Φ15	
25A	160	90	175	125.0	25	3.0	14.0	109	4-Φ19	
40A	200	105	218	140.0	40	3.0	16.0	130	4-Φ19	
50A	230	120	257	155.0	50	3.0	16.0	153	4-Φ19	

ANSI150#	DIMENSION (mm)								BOLT-HOLE	REMARK
	FACE TO FACE (L)	P.C.D	H	D	ID	t	T	A		
1/2"	150	60.4	158	88.9	20	3.0	11.2	103	4-Φ16	
3/4"	150	69.9	158	98.6	20	3.0	12.7	103	4-Φ16	
1"	160	79.2	175	108.0	25	3.0	14.2	109	4-Φ16	
1-1/2"	200	98.5	218	127.0	40	3.0	17.5	130	4-Φ16	
2"	230	120.6	257	152.4	50	3.0	19.1	153	4-Φ19	

AUTO (ON-OFF) VALVE

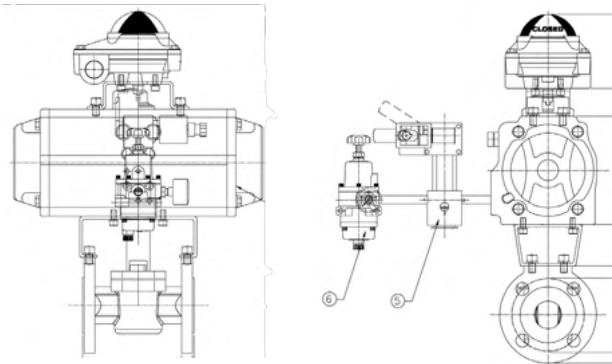
- ON-OFF BALL VALVE

ACTURATOR TYPE	PNEUMATIC AIR OPERATION
	DOUBLE ACTTING or SINGLE ACTING
AIR FAIL POSITION	STANDARD : FAIL CLOSE
BRACKET & ADAPTOR	STS304
SIZE	1/2" ~ 6" 15A ~ 150A



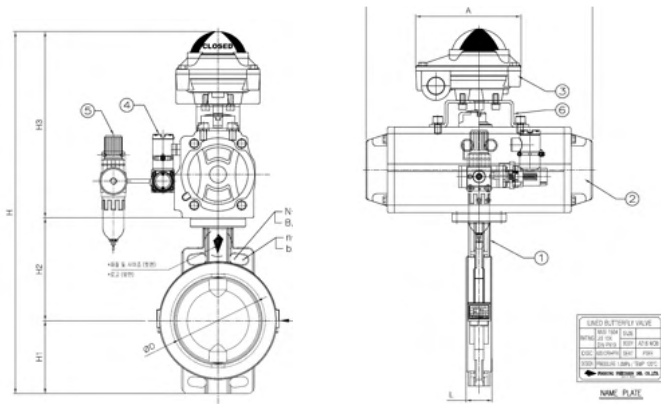
- ON-OFF PLUG VALVE

ACTURATOR TYPE	PNEUMATIC AIR OPERATION
	DOUBLE ACTTING or SINGLE ACTING
AIR FAIL POSITION	STANDARD : FAIL CLOSE
BRACKET & ADAPTOR	STS304
SIZE	1/2" ~ 8" 15A ~ 200A"



- ON-OFF BUTTERFLY VALVE

ACTURATOR TYPE	PNEUMATIC AIR OPERATION
	DOUBLE ACTTING or SINGLE ACTING
AIR FAIL POSITION	STANDARD : FAIL CLOSE
BRACKET & ADAPTOR	DIRECT MOUNT BOTH VALVE BODY AND ACTURATOR"
SIZE	2" ~ 12" 50A ~ 300A"



※ Accessories of automatic valves can be applied according to customer specifications.

ORDERING INFORMATION

1	Connections	Code	2	Connections	Code
	JIS 10k	J10		Plug valve	PV
	ANSI 150lbs	A15		Ball valve	BV
	ANSI 300lbs	A30		Diaphragm valve	DV
* Please contact us for standard DIN. * DIN 규격제품은 별도 협의 바랍니다.				Butterfly valve	BF
				Ball check valve	BC
				Wafer check valve	WC
				Safety relief valve	SR

3	Materials	Code	4	Norminal size (mm)	5	Operating	Code
	PFA lined / WCB housing	W	15A~600A 1/2" ~24"			Manual	M
	PFA lined / SCS13(CF8) housing	S				Actuator	A

* Please refer to separated date table for Auto (On-off) Valve.
* AUTO(ON-OFF) VALVE는 별도 DATA TABLE 참고바랍니다.

Order example	1	2	3	4	5
	J10	B	M	S	E
Connection	J10				
Valve type		B			
Material			S		
Norminal size (mm)				15A	
Operating					M

LINED TANK / EP TANK
LINED PIPE & FITTING
LINED VALVE
AUTOMOBILE & PRECISION PART



후성정공(주) 불소수지사업부

Foosung Precision Ind. Co., Ltd. – Fluoro Polymer Division

TEL. 033-731-7481 (+82-33-731-7481)

FAX. 033-731-6180 (+82-33-731-6180)

Homepage : www.fpi.co.kr (Fluoro Polymer Division)

1공장 : 강원도 원주시 문막읍 문막공단길 51

Factory #1 : 51, Munmakgongdan-gil, Munmak-eup, Wonju-si,
Gangwon-do, Republic of Korea

2공장 : 강원도 원주시 문막읍 문막공단길 287

Factory #2 : 287, Munmakgongdan-gil, Munmak-eup, Wonju-si,
Gangwon-do, Republic of Korea

중국공장(후성춘환FPI) : 중국 강소성 전장시 양중시 옥황로 63호

China Factory: No. 63, Yuhuang Road, Yongsheng Industrial Zone,
Baqiao Town, Yangzhong City, Jiangsu Province, China,

江苏省镇江市扬中市玉皇路 63号(中国)



후성정공(주) 불소수지사업부
FOOSUNG PRECISION IND. CO., LTD. FLUOROPOLYMER DIVISION