



New Compact Ball Valve

ADVANTAGES:

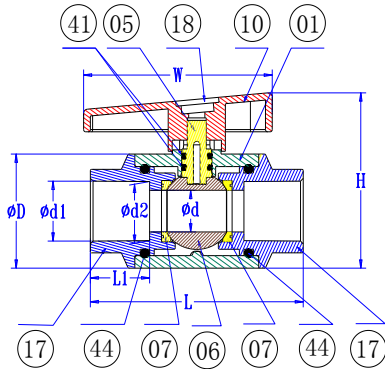
- 1) Enhanced hermeticity
- 2) Smooth opening and closing thanks for a lower torque
- 3) Replaceable ergonomic handle
- 4) 100% pure virgin material, CaCO₃ free (Chalk)
- 5) UV resistant powder added
- 6) 100% pressure testing before leaving the factory
- 7) Easy differentiation from fake SANKING Ball Valves and poor quality imitations

DESCRIPTION:

- 1) Material: PVC, CPVC, HT-CPVC
- 2) Size: 1/2" - 4"; 20mm - 110mm ; DN15 - DN100
- 3) Joint End: Socket, Threaded NPT, BSPF and PT
- 4) Standard: ANSI, DIN, JIS, CNS
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & HT-CPVC(0~95°C)
- 7) Handle color : red, blue
Valve body color : PVC(dark gray/white), CPVC(light gray), HT-CPVC (light yellow)



SPECIFICATIONS:

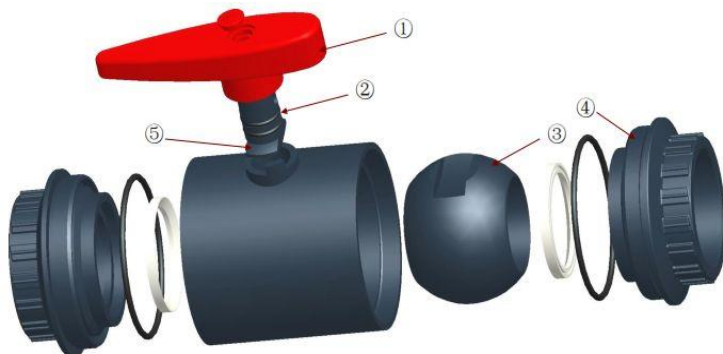


ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / HT-CPVC	1
05	STEM	PVC / CPVC / HT-CPVC	1
06	BALL	PVC / CPVC / HT-CPVC	1
07	SEAT	TPV / PTFE	2
10	HANDLE	ABS	1
17	UNION END	PVC / CPVC / HT-CPVC	2
18	CAP	ABS	1
41	ORING	EPDM	2
44	ORING	EPDM	2

UNIT: MM

SIZE	d	d1				d2				D	L	L1	H	W	operating torque (N·M)
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS						
1/2"(15)	15	21.54	20.30	22.30	22.40	21.23	20.10	21.78	21.90	41.00	79.00	22.00	63.00	70.00	2.00
3/4"(20)	20	26.87	25.30	26.30	26.40	26.57	25.10	25.70	25.90	49.20	106.40	31.50	75.00	80.00	2.50
1"(25)	25	33.65	32.30	32.33	34.50	33.27	32.10	31.67	33.90	56.00	116.00	35.00	85.00	90.00	4.00
1 1/4"(32)	32	42.42	40.30	38.43	42.50	42.04	40.10	37.57	41.90	65.50	125.70	35.00	100.50	100.00	4.50
1 1/2"(40)	40	48.56	50.30	48.46	48.60	48.11	50.10	47.54	47.90	78.00	136.50	37.00	120.00	130.00	6.00
2"(50)	50	60.63	63.30	60.56	60.60	60.17	60.10	59.44	59.90	95.00	149.30	38.00	135.50	130.00	6.50
2 1/2"(65)	65	73.38	75.30	76.60	76.70	72.85	75.10	75.87	75.90	119.00	197.50	53.00	158.80	150.00	8.00
3"(80)	75	89.31	90.30	89.60	89.70	88.70	90.10	88.83	88.90	135.00	207.60	51.00	191.00	200.00	12.00
4"(100)	97	114.76	110.40	114.70	115.00	114.10	110.10	114.00	113.80	174.00	254.00	60.00	237.00	260.00	16.00

DESIGNS:



- ① New design more beautiful than the old handle, and difficult to break
- ② Oring is increased from one to two, sealing more reliable
- ③ Ball is milled and polished via CNC machine to enhance its roundness for low-torque and high sealing
- ④ Based on market feedback, the buckle design is changed to rotary melting, body impact strength is increased
- ⑤ The bottom of stem is designed with arc-shape, easily in conjunction with the ball of low-torque

True Union Ball Valve

ADVANTAGES:

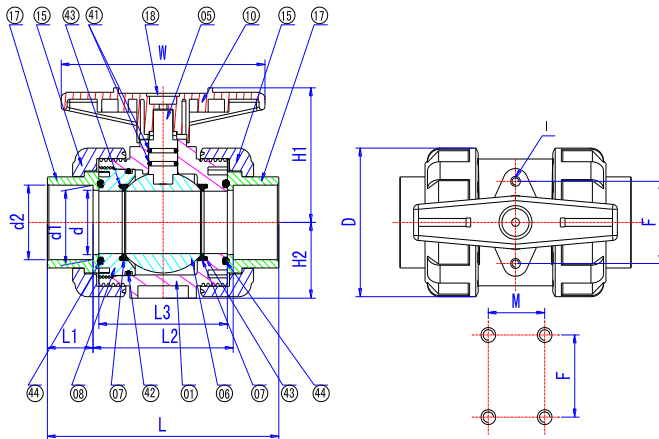
- 1) NSF listed & materials meet drinking water standard
- 2) Smooth opening & closing thanks to a lower torque
- 3) 100% pure virgin material, CaCO₃ free (Chalk)
- 4) UV resistant powder added
- 5) 100% pressure testing before leaving the factory
- 6) Can be assembled with Pneumatic/Electric Actuators

DESCRIPTION:

- 1) Material: PVC, CPVC, Clear PVC, PP, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Socket, Threaded(NPT, PT, BSPF), Fusion, Welding
- 5) Seat - PTFE, TPV ; ORING - EPDM, VITON
- 6) Working Pressure: 150 PSI
- 7) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 8) Handle color : red, blue, green, orange
Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)
Clear PVC(transperance), PVDF(ivory)



SPECIFICATIONS:



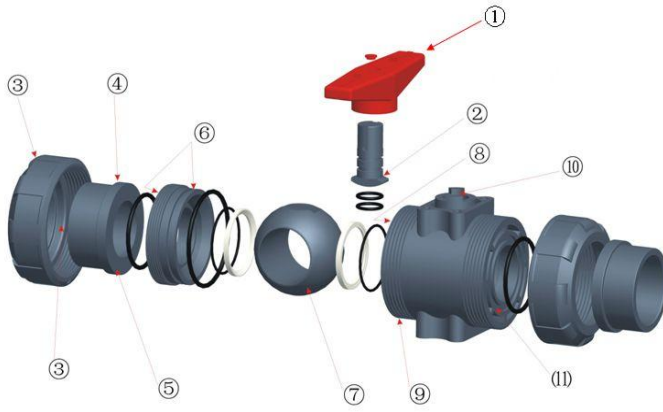
ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / CLEAR PVC / PVDF	1
05	STEM	PVC / CPVC / PP / CLEAR PVC / PVDF	1
06	BALL	PVC / CPVC / PP / CLEAR PVC / PVDF	1
07	SEAT	TPV / PTFE	2
08	SEAL CARRIER	PVC / CPVC / PP / CLEAR PVC / PVDF	1
10	HANDLE	ABS	1
15	UNION NUT	PVC / CPVC / PP / CLEAR PVC / PVDF	2
17	UNION END	PVC / CPVC / PP / CLEAR PVC / PVDF	2
18	CAP	ABS	1
41	ORING	EPDM / VITON	2
42	ORING	EPDM / VITON	1
43	ORING	EPDM / VITON	2
44	ORING	EPDM / VITON	2

UNIT: MM

SIZE	d	d1				d2				D
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS	
1/2"(15)	15	21.54	20.30	22.30	22.40	21.23	20.10	21.70	21.90	54.00
3/4"(20)	20	26.87	25.30	26.30	26.40	26.57	25.10	25.70	25.90	63.00
1"(25)	25	33.65	32.30	32.33	34.50	33.27	32.10	31.67	33.90	73.50
1 1/4"(32)	32	42.42	40.30	38.43	42.50	42.04	40.10	37.57	41.90	84.50
1 1/2"(40)	40	48.56	50.30	48.46	48.60	48.11	50.10	47.54	47.90	98.00
2"(50)	50	60.63	63.30	60.56	60.60	60.17	63.10	59.44	59.90	118.00
2 1/2"(65)	63	73.38	75.30	76.60	76.70	72.85	75.10	75.87	75.90	150.00
3"(80)	75	89.31	90.40	89.60	89.70	88.70	90.10	88.83	88.90	169.00
4"(100)	97	114.76	110.40	114.70	115.00	114.10	110.10	113.98	113.80	211.00

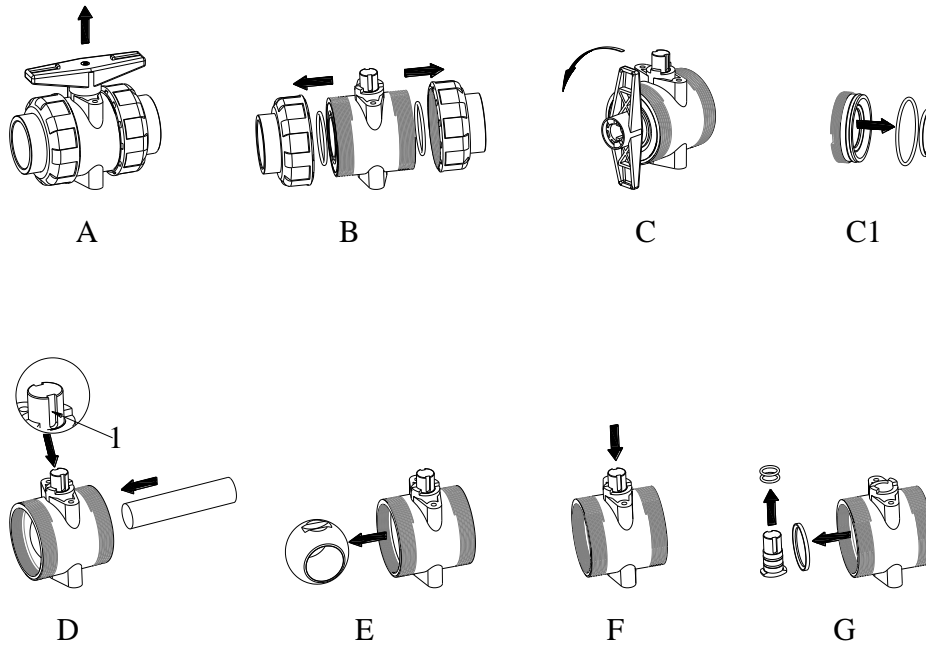
SIZE	L		L1		L2	L3	W	H1	H2	F	M	I	operating torque (Nm)
	ANSI /JIS /CNS	DIN	ANSI /JIS /CNS	DIN									
1/2"(15)	104.80	92.00	22.30	16.00	60.00	52.00	84.00	52.50	27.50	31.00	—	M6	2.0
3/4"(20)	113.00	100.00	25.50	19.00	62.00	54.00	90.00	59.00	32.00	33.00	—	M6	2.5
1"(25)	127.20	114.00	28.60	22.00	70.00	62.00	106.00	67.50	37.25	40.00	—	M6	4.0
1 1/4"(32)	142.00	130.00	32.00	26.00	78.00	70.00	116.00	77.50	42.75	52.00	—	M8	5.0
1 1/2"(40)	157.50	151.50	35.00	32.00	87.50	79.50	128.00	90.00	50.00	52.00	—	M8	7.5
2"(50)	171.00	—	38.00	—	95.00	85.00	140.00	106.00	60.00	70.00	—	M8	8.5
2 1/2"(65)	238.50	—	47.00	—	144.50	132.50	210.00	136.50	76.50	84.00	45.00	M10	13
3"(80)	268.00	—	51.00	—	166.00	150.00	235.00	149.50	86.00	84.00	45.00	M10	16
4"(100)	318.00	—	61.00	—	196.00	172.00	260.00	175.00	107.00	121.00	49.00	M12	25

DESIGNS:



- ① Underside handle extends the length so that both OFF block will not be exposed, more beautiful
- ② Extrusive circular plane change to both side plane, easy processing and assemble
- ③ Lateral plane and ribs of the Union Cap, from the right-angle change to incline to increase the intensity
- ④ Union end from right-angle to slope increase in a round protruding rib to increase the intensity
- ⑤ Surface of Oring change to a plane, and each have been cutting lathe in order to ensure its flatness
- ⑥ Seal carrier and Oring slot is processed by machine, sealing performance is improved.
- ⑦ Each ball has increased turning and grinding to ensure that its true roundness and smoothness. So much easier to handle and not easy leak
- ⑧ Inside body is processed via CNC machine to make sure accurate dimensions
- ⑨ Increase the slope of trapezoidal teeth and the number of teeth in order to ensure their connection strength
- ⑩ Through hole is processed via CNC machine to make sure the stability of sealing
- (11) Slot dimension is improved, sealing performance is strengthened.

DISASSEMBLY DETAILS:



- A - pull out the handle
- B - take apart the nuts
- C - turn the seal carrier in an anticlockwise direction
- C1 - take out the Seat & Oring
- D - push the ball
- E - pick out the ball
- F - press the shaft
- G - pick out the Seat & Oring

Note:

- 1) For above "D" step, pls take note the groove position "1" on the shaft
- 2) To assemble the valve, pls follow up the steps from "G" to "A"



Flanged True Union Ball Valve

ADVANTAGES:

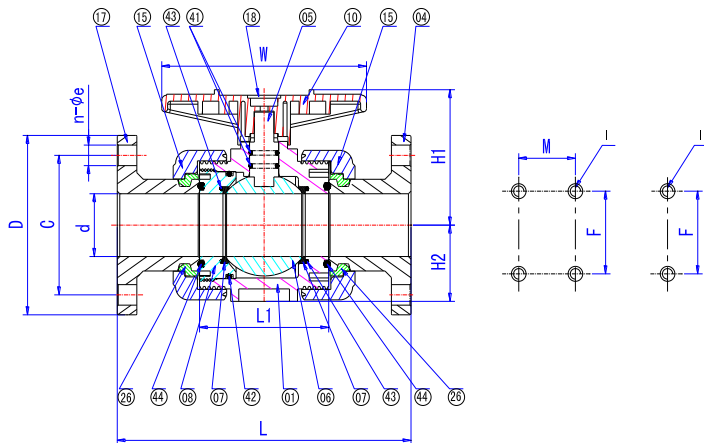
- 1) Materials meet drinking water standard
- 2) Smooth opening & closing thanks to a lower torque
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) 100% pressure testing before leaving the factory
- 6) Can be assembled with Pneumatic/Electric Actuators

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Handle color : red, blue, green, orange
Valve body color : PVC(dark gray), CPVC(light gray),
PP(light yellow), PVDF(ivory)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
05	STEM	PVC / CPVC / PP / PVDF	1
06	BALL	PVC / CPVC / PP / PVDF	1
07	SEAT	TPV / PTFE	2
08	SEAL CARRIER	PVC / CPVC / PP / PVDF	1
10	HANDLE	ABS	1
15	UNION NUT	PVC / CPVC / PP / PVDF	2
17	FLANGE	PVC / CPVC / PP / PVDF	2
18	CAP	ABS	1
26	FLANGE BUCKLE	PVC / CPVC / PP / PVDF	2
41	ORING	EPDM / VITON	2
42	ORING	EPDM / VITON	1
43	ORING	EPDM / VITON	2
44	ORING	EPDM / VITON	2

UNIT: MM

SIZE	d	C			D	L	L1	W	H1	H2	F	M	I	n-φ e	
		ANSI	JIS	DIN										ANSI	DIN/JIS
1/2"(15)	15	60.30	70.00	65.00	95.00	137.00	52.00	84.00	52.50	27.50	31.00	—	M6	4-15	
3/4"(20)	20	70.00	75.00	75.00	105.00	142.00	54.00	90.00	59.00	32.00	33.00	—	M6	4-15	
1"(25)	25	79.40	90.00	85.00	125.00	162.00	62.00	106.00	67.50	37.25	40.00	—	M6	4-19	
1 1/4"(32)	32	88.90	100.00	100.00	140.00	186.00	70.00	116.00	77.50	42.75	52.00	—	M8	4-19	
1 1/2"(40)	40	98.40	105.00	110.00	145.00	205.50	79.50	128.00	90.00	50.00	52.00	—	M8	4-19	
2"(50)	50	120.70	120.00	125.00	165.00	217.00	85.00	140.00	106.00	60.00	70.00	—	M8	4-19	
2 1/2"(65)	63	139.50	140.00	145.00	182.00	302.50	132.50	210.00	136.50	76.50	84.00	45.00	M10	4-19	
3"(80)	75	152.40	150.00	160.00	200.00	330.00	150.00	235.00	149.50	86.00	84.00	45.00	M10	4-19	8-19
4"(100)	97	190.50	175.00	180.00	228.00	378.00	172.00	260.00	175.00	107.00	121.00	49.00	M12	8-19	



Electric Actuated Ball Valve

ADVANTAGES:

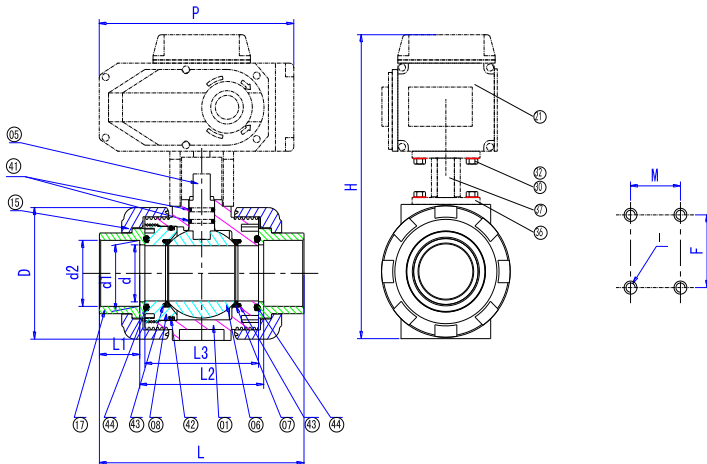
- 1) Plastic actuator body pass impaction & acid-base tests, also meets SGS
- 2) Valve position can be adjusted from 15 degree to 90 degree
- 3) Assembly of actuators and valves meets EN ISO 5211 standard
- 4) Valve body is with 100% pure virgin material, CaCO3 free (Chalk)
- 5) Valve body is added in UV resistant powder
- 6) 100% performance testing before leaving the factory
- 7) Can be assembled with Pneumatic Actuators as well

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Socket, Threaded(NPT, PT, BSPF), Fusion, Welding
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow), PVDF(ivory)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
05	STEM	PVC / CPVC / PP / PVDF	1
06	BALL	PVC / CPVC / PP / PVDF	1
07	SEAT	TPV / PTFE	2
08	SEAL CARRIER	PVC / CPVC / PP / PVDF	1
15	UNION NUT	PVC / CPVC / PP / PVDF	2
17	UNION END	PVC / CPVC / PP / PVDF	2
20	ACTUATOR	-	1
30	BOLT	SS 304	6 / 8
32	PAD	SS 304	6 / 8
36	BRACKET	SS 304	1
37	DRIVE ADAPTOR	SS 304	1
41	ORING	EPDM / VITON	2
42	ORING	EPDM / VITON	1
43	ORING	EPDM / VITON	2
44	ORING	EPDM / VITON	2

UNIT: MM

SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"(15)	15	21.54	20.30	22.40	22.40	21.23	20.10	21.73	21.90
3/4"(20)	20	26.87	25.30	26.45	26.40	26.57	25.10	25.69	25.90
1"(25)	25	33.65	32.30	32.55	34.50	33.27	32.10	31.70	33.90
1 1/4"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90
1 1/2"(40)	40	48.56	50.30	48.70	48.60	48.11	50.10	47.74	47.90
2"(50)	50	60.63	63.30	60.80	60.60	60.17	63.10	59.78	59.90
2 1/2"(65)	63	73.38	75.30	76.60	76.70	72.85	75.10	75.68	75.90
3"(80)	75	89.31	90.40	89.60	89.70	88.70	90.10	88.55	88.90
4"(100)	97	114.76	110.40	114.70	115.00	114.10	110.10	113.60	113.80

SIZE	D	L		L1		L2	L3	P	H	F	M	I	operating torque (Nm)	Model
		ANSI / JIS / CNS	DIN	ANSI / JIS / CNS	DIN									
1/2"(15)	54.00	104.80	92.00	22.30	16.00	60.00	52.00	180.00	174.00	31.00	—	M6	2.0	EA-A6
3/4"(20)	63.00	113.00	100.00	25.50	19.00	62.00	54.00	180.00	183.00	33.00	—	M6	2.5	EA-A6
1"(25)	73.50	127.20	114.00	28.60	22.00	70.00	62.00	180.00	193.50	40.00	—	M6	4.0	EA-A6
1 1/4"(32)	84.50	142.00	130.00	32.00	26.00	78.00	70.00	180.00	216.00	52.00	—	M8	5.0	EA-A6
1 1/2"(40)	98.00	157.50	151.50	35.00	32.00	87.50	79.50	180.00	230.60	52.00	—	M8	7.5	EA-A6
2"(50)	118.00	171.00		38.00		95.00	85.00	180.00	260.70	70.00	—	M8	8.5	EA-A6
2 1/2"(65)	150.00	238.50		47.00		144.50	132.50	180.00	294.30	84.00	45.00	M10	13.00	EA-A6
3"(80)	169.00	268.00		51.00		166.00	150.00	212.00	340.30	84.00	45.00	M10	16.00	EA-A7
4"(100)	211.00	318.00		61.00		196.00	172.00	212.00	401.00	121.00	49.00	M12	25.00	EA-A7

Pneumatic Actuated Ball Valve

ADVANTAGES:

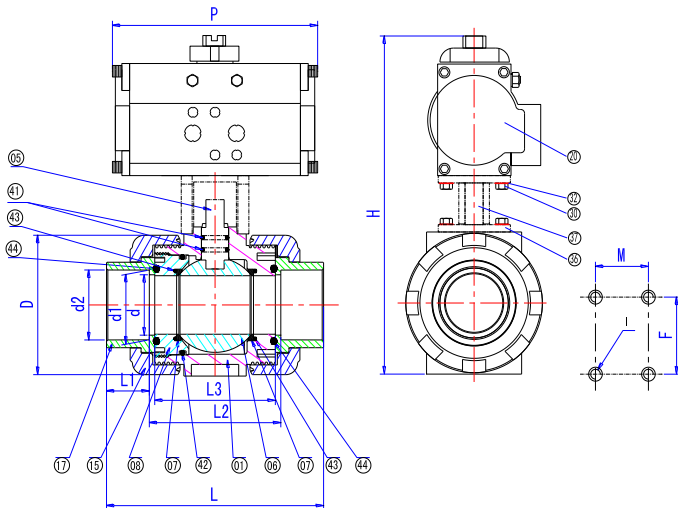
- 1) Materials meet drinking water standard
- 2) Smooth opening & closing thanks to a lower torque
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) 100% pressure testing before leaving the factory
- 6) Can be assembled with Electric Actuators as well

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Socket, Threaded(NPT, PT, BSPF), Fusion, Welding
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Actuator's Lowest Air Pressure: 45PSI; Max.Operating Pressure: 120PSI
- 8) Valve body color : PVC(dark gray), CPVC(light gray),
PP(light yellow), PVDF(ivory)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
05	STEM	PVC / CPVC / PP / PVDF	1
06	BALL	PVC / CPVC / PP / PVDF	1
07	SEAT	TPV / PTFE	2
08	SEAL CARRIER	PVC / CPVC / PP / PVDF	1
15	UNION NUT	PVC / CPVC / PP / PVDF	2
17	UNION END	PVC / CPVC / PP / PVDF	2
20	ACTUATOR	SS 304	1
30	BOLT	SS 304	6 / 8
32	PAD	SS 304	6 / 8
36	BRACKET	SS 304	1
37	DRIVE ADAPTOR	SS 304	1
41	ORING	EPDM / VITON	2
42	ORING	EPDM / VITON	1
43	ORING	EPDM / VITON	2
44	ORING	EPDM / VITON	2

UNIT: MM

SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"(15)	15	21.54	20.30	22.40	22.40	21.23	20.10	21.73	21.90
3/4"(20)	20	26.87	25.30	26.45	26.40	26.57	25.10	25.69	25.90
1"(25)	25	33.65	32.30	32.55	34.50	33.27	32.10	31.70	33.90
1 1/4"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90
1 1/2"(40)	40	48.56	50.30	48.70	48.60	48.11	50.10	47.74	47.90
2"(50)	50	60.63	63.30	60.80	60.60	60.17	63.10	59.78	59.90
2 1/2"(65)	63	73.38	75.30	76.60	76.70	72.85	75.10	75.68	75.90
3"(80)	75	89.31	90.40	89.60	89.70	88.70	90.10	88.55	88.90
4"(100)	97	114.76	110.40	114.70	115.00	114.10	110.10	113.60	113.80

SIZE	D	L		L1		L2	L3	P	H	F	M	I
		ANSI /JIS /CNS	DIN	ANSI /JIS /CNS	DIN							
1/2"(15)	54.00	104.80	92.00	22.30	16.00	60.00	52.00	155.00	176.50	31.00	—	M6
3/4"(20)	63.00	113.00	100.00	25.50	19.00	62.00	54.00	155.00	186.00	33.00	—	M6
1"(25)	73.50	127.20	114.00	28.60	22.00	70.00	62.00	155.00	196.50	40.00	—	M6
1 1/4"(32)	84.50	142.00	130.00	32.00	26.00	78.00	70.00	168.00	235.00	52.00	—	M8
1 1/2"(40)	98.00	157.50	151.50	35.00	32.00	87.50	79.50	168.00	249.50	52.00	—	M8
2"(50)	118.00	171.00	—	38.00	—	95.00	85.00	168.00	280.00	70.00	—	M8
2 1/2"(65)	150.00	238.50	—	47.00	—	144.50	132.50	219.00	331.00	84.00	45.00	M10
3"(80)	169.00	268.00	—	51.00	—	166.00	150.00	249.00	362.50	84.00	45.00	M10
4"(100)	211.00	318.00	—	61.00	—	196.00	172.00	249.00	423.00	121.00	49.00	M12

Handle Level Butterfly Valve

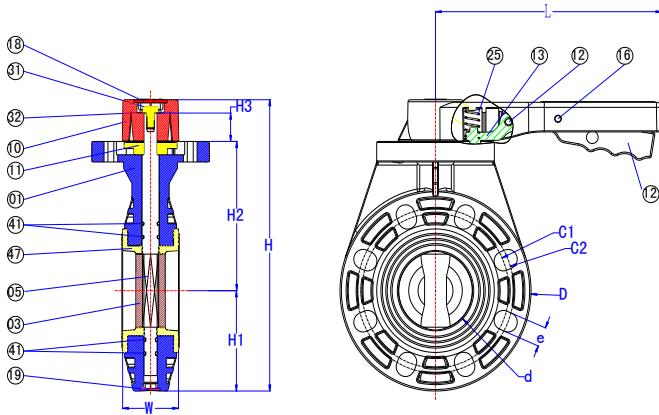
ADVANTAGES:

- 1) Improved PP disc to enhance the performance
- 2) Thickened body & seal to extend the service life
- 3) Materials meet drinking water standard
- 4) 100% pure virgin material, CaCO₃ free (Chalk)
- 5) UV resistant powder added
- 6) Can be assembled with Pneumatic/Electric Actuators

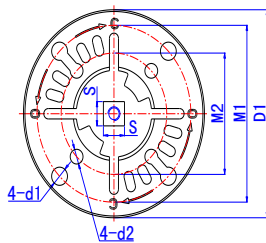
DESCRIPTION:

- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1½" - 8"; 63mm - 225mm ; DN50 - DN200
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)

SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
03	DISC	PP	1
05	STEM	SS 304	1
10	HANDLE	ABS	1
11	STEM WASHER	PVC / CPVC / PP / PVDF	1
12	HANDLE LEVEL	PVC / CPVC / PP / PVDF	1
13	LOCKER PLATE	PVC / CPVC / PP / PVDF	1
16	SET PIN	ABS	2
18	CAP	ABS	1
19	BOTTOM CAP	PP	1
25	SPRING	SS 304	1
31	BOLT	SS 304	1
32	PAD	SS 304	1
41	ORING	EPDM / VITON	4
47	SEAL	EPDM / VITON	1



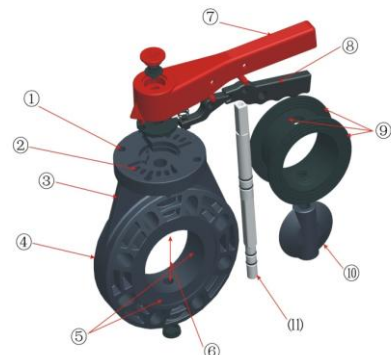
Unit: MM

SIZE	d	C1	C2	H	H1	H2	H3	D
1½" (40)	40.00	98.00	110.00	228.00	74.00	114.00	26.00	148.00
2" (50)	52.00	120.00	125.00	245.00	81.00	124.00	26.00	162.00
2½" (65)	66.00	140.00	145.00	259.00	89.50	129.00	26.00	179.00
3" (80)	78.50	150.00	160.00	283.00	97.50	145.00	26.00	195.00
4" (100)	104.00	175.00	190.50	313.00	112.50	160.00	26.00	225.00
5" (125)	127.00	210.00	216.00	348.00	127.50	175.00	30.00	255.00
6" (150)	151.00	240.00	241.00	375.00	140.00	190.00	30.00	280.00
8" (200)	200.00	290.00	298.00	434.00	172.50	219.50	30.00	340.00

SIZE	D1	M1	M2	d1	d2	S	W	L	n-e		operating torque (N·M)
									JIS	DIN/ANSI	
1½" (40)	105.00	70.00	50.00	8.50	6.50	13.90	34.00	231.00	4-19	12	
2" (50)	105.00	70.00	50.00	8.50	6.50	13.90	44.00	231.00	4-19	15	
2½" (65)	105.00	70.00	50.00	8.50	6.50	13.90	46.00	231.00	4-19	18	
3" (80)	120.00	102.00	70.00	10.50	8.50	13.90	57.00	231.00	8-19	20	
4" (100)	120.00	102.00	70.00	10.50	8.50	13.90	60.00	231.00	8-19	30	
5" (125)	120.00	102.00	70.00	10.50	8.50	16.90	66.00	280.00	8-23	42	
6" (150)	120.00	102.00	70.00	10.50	8.50	16.90	72.00	280.00	8-23	48	
8" (200)	120.00	102.00	70.00	10.50	8.50	21.90	82.00	280.00	12-23	80	

DESIGNS:

- ① Increase in pneumatic / electric operating platform to facilitate customer replacement screw hole
- ② Update the design with switching angle control, easy to remove rusty metal
- ③ Increase the height of the neck for easy installation
- ④ Valve designed for the whole circle, heavier weight, higher performance of force area to extend the service
- ⑤ Sealing surface is processed by CNC machines, reliable sealing
- ⑥ Through hole is processed via CNC machine, sealing performance is improved.
- ⑦ An attractive design with handle, widening the force area, to extend the service life is not easy to break
- ⑧ The grip change to plastic material, to eliminate the possibility of old rust and easy to operate
- ⑨ Ribs are added on the seal to enhance sealing performance.
- ⑩ Enhance the physical properties of modified PP for the gate
- ⑪ SS304 coarse steel shaft to ensure that high-pressure-resistant, will not be affected by a slight deformation of the sealing performance



Worm Geared Butterfly Valve

ADVANTAGES:

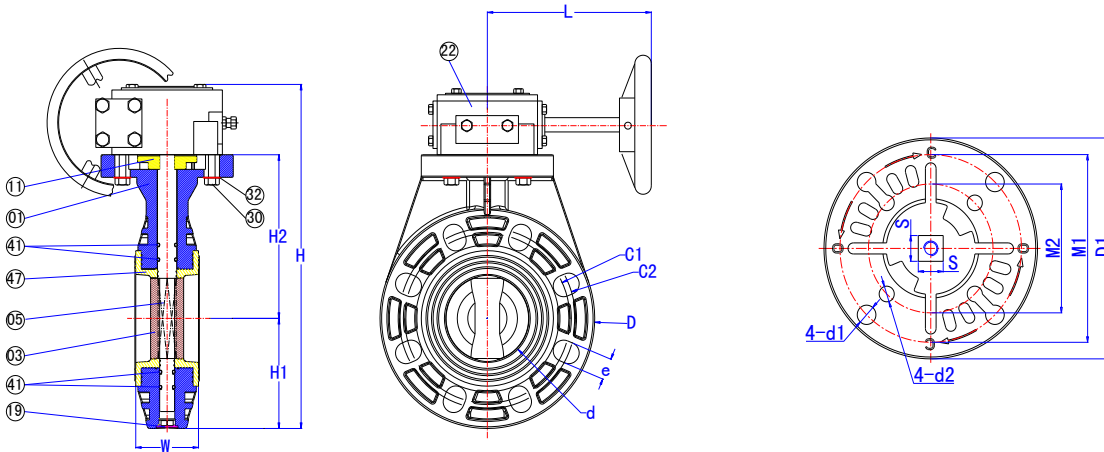
- 1) Improved PP disc to enhance the performance
- 2) Thickened body & seal to extend the service life
- 3) Materials meet drinking water standard
- 4) 100% pure virgin material, CaCO₃ free (Chalk)
- 5) UV resistant powder added
- 6) Can be assembled with Pneumatic/Electric Actuators

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 8" - 12"; 225mm - 315mm ; DN200 - DN300
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
03	DISC	PP	1
05	STEM	SS 304	1
11	STEM WASHER	PVC / CPVC / PP / PVDF	1
19	BOTTOM CAP	PP	1
22	GEAR BOX	CARBON STEEL	1
30	BOLT	SS 304	4
32	PAD	SS 304	4
41	ORING	EPDM / VITON	4
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	C1	C2	H	H1	H2
8"(200)	200.00	290.00	298.00	434.00	172.50	219.50
10"(250)	251.00	350.00	362.00	537.00	205.00	257.00
12"(300)	290.00	400.00	431.50	628.50	242.50	302.00

SIZE	D	M1	M2	d1	d2	S	W	L	n-e		operating torque (N-M)
									JIS	DIN/ANSI	
8"(200)	340.00	102.00	70.00	10.50	8.50	21.90	82.00	199.00	12-23	8-23	80
10"(250)	410.00	125.00	102.00	12.50	10.50	26.90	92.00	199.00	12-25		180
12"(300)	485.00	125.00	102.00	12.50	10.50	26.90	98.00	250.00	16-25	12-25	220

Electric Actuated Butterfly Valve

ADVANTAGES:

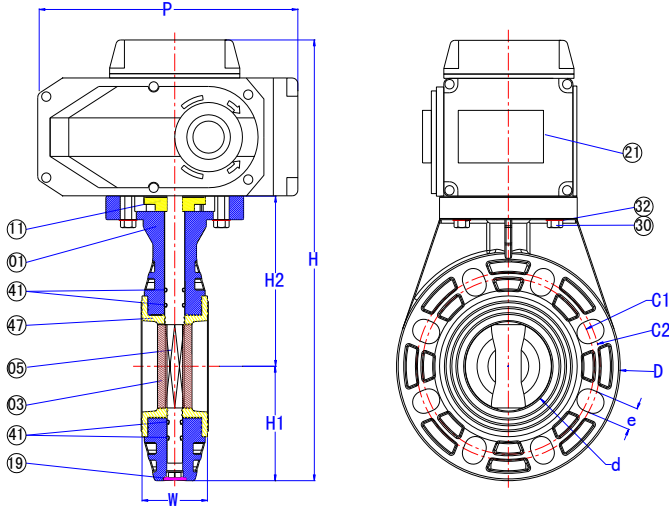
- 1) Plastic actuator body pass impaction & acid-base tests, also meets SGS
- 2) Valve position can be adjusted from 15 degree to 90 degree
- 3) Assembly of actuators and valves meets EN ISO 5211 standard
- 4) Improved PP disc to enhance the performance
- 5) Thickened body & seal to extend the service life
- 6) Materials meet drinking water standard
- 7) Valve body is with 100% pure virgin material, CaCO3 free (Chalk)
- 8) Valve body is added in UV resistant powder

DESCRIPTION:

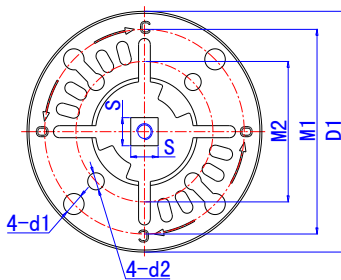
- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1½" - 12"; 50mm - 315mm ; DN40 - DN200
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Valve's Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
03	DISC	PP	1
05	STEM	SS 304	1
11	STEM WASHER	PVC / CPVC / PP / PVDF	1
19	BOTTOM CAP	PP	1
20	ACTUATOR	-	1
30	BOLT	SS 304	4
32	PAD	SS 304	4
41	ORING	EPDM / VITON	4
47	SEAL	EPDM / VITON	1



Unit: MM

SIZE	d	C1	C2	H	H1	H2	D
1½" (40)	40.00	98.00	110.00	279.00	74.00	114.00	148.00
2" (50)	52.00	120.00	125.00	296.00	81.00	124.00	162.00
2½" (65)	66.00	140.00	145.00	309.50	89.50	129.00	179.00
3" (80)	78.50	150.00	160.00	360.50	97.50	145.00	195.00
4" (100)	104.00	175.00	190.50	391.00	112.50	160.00	225.00
5" (125)	127.00	210.00	216.00	421.00	127.50	175.00	255.00
6" (150)	151.00	240.00	241.00	448.00	140.00	190.00	280.00
8" (200)	200.00	290.00	298.00	537.00	172.50	219.50	340.00
10" (250)	251.00	350.00	362.00	609.00	205.00	257.00	410.00
12" (300)	290.00	400.00	431.50	722.00	242.50	302.00	485.00

SIZE	D1	M1	M2	d1	d2	S	W	P	n-e		operating torque (N·M)
									JIS	DIN/ANSI	
1½" (40)	105.00	70.00	50.00	8.50	6.50	13.90	34.00	180.00	4-19		12
2" (50)	105.00	70.00	50.00	8.50	6.50	13.90	44.00	180.00	4-19		15
2½" (65)	105.00	70.00	50.00	8.50	6.50	13.90	46.00	180.00	4-19		18
3" (80)	120.00	102.00	70.00	10.50	8.50	13.90	57.00	212.00	8-19		20
4" (100)	120.00	102.00	70.00	10.50	8.50	13.90	60.00	212.00	8-19		30
5" (125)	120.00	102.00	70.00	10.50	8.50	16.90	66.00	212.00	8-23		42
6" (150)	120.00	102.00	70.00	10.50	8.50	16.90	72.00	212.00	8-23		48
8" (200)	120.00	102.00	70.00	10.50	8.50	21.90	82.00	260.00	12-23	8-23	80
10" (250)	125.00	125.00	102.00	12.50	10.50	26.90	92.00	260.00	12-25		180
12" (300)	125.00	125.00	102.00	12.50	10.50	26.90	98.00	305.00	16-25	12-25	220

Pneumatic Actuated Butterfly Valve

ADVANTAGES:

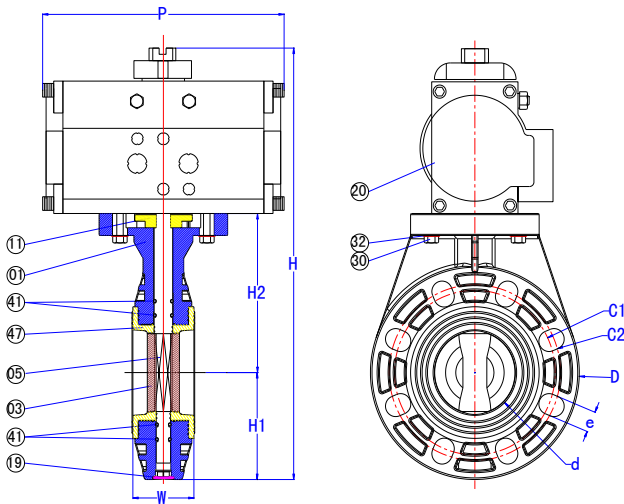
- 1) Improved PP disc to enhance the performance
- 2) Thickened body & seal to extend the service life
- 3) Materials meet drinking water standard
- 4) 100% pure virgin material, CaCO3 free (Chalk)
- 5) UV resistant powder added

DESCRIPTION:

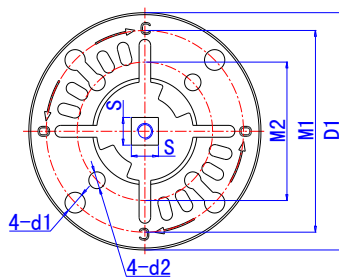
- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1½" - 12"; 50mm - 315mm ; DN40 - DN200
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Valve's Working Pressure: 150 PSI
- 6) Actuator Lowest Air Pressure: 45PSI; Max.Operating Pressure: 120PSI
- 7) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 8) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
03	DISC	PP	1
05	STEM	SS 304	1
11	STEM WASHER	PVC / CPVC / PP / PVDF	1
19	BOTTOM CAP	PP	1
20	ACTUATOR	ALLOY	1
30	BOLT	SS 304	4
32	PAD	SS 304	4
41	ORING	EPDM / VITON	4
47	SEAL	EPDM / VITON	1



Unit: MM

SIZE	d	C1	C2	H	H1	H2	D
1½" (40)	40.00	98.00	110.00	298.00	74.00	114.00	148.00
2" (50)	52.00	120.00	125.00	315.00	81.00	124.00	162.00
2½" (65)	66.00	140.00	145.00	346.00	89.50	129.00	179.00
3" (80)	78.50	150.00	160.00	370.00	97.50	145.00	195.00
4" (100)	104.00	175.00	190.50	413.00	112.50	160.00	225.00
5" (125)	127.00	210.00	216.00	443.00	127.50	175.00	255.00
6" (150)	151.00	240.00	241.00	482.50	140.00	190.00	280.00
8" (200)	200.00	290.00	298.00	568.00	172.50	219.50	340.00
10" (250)	251.00	350.00	362.00	673.00	205.00	257.00	410.00
12" (300)	290.00	400.00	431.50	776.00	242.50	302.00	485.00

SIZE	D1	M1	M2	d1	d2	S	W	P	n-e		operating torque (N·M)
									JIS	DIN/ANSI	
1½" (40)	105.00	70.00	50.00	8.50	6.50	13.90	34.00	168.00	4-19		12
2" (50)	105.00	70.00	50.00	8.50	6.50	13.90	44.00	168.00	4-19		15
2½" (65)	105.00	70.00	50.00	8.50	6.50	13.90	46.00	219.00	4-19		18
3" (80)	120.00	102.00	70.00	10.50	8.50	13.90	57.00	219.00	8-19		20
4" (100)	120.00	102.00	70.00	10.50	8.50	13.90	60.00	249.00	8-19		30
5" (125)	120.00	102.00	70.00	10.50	8.50	16.90	66.00	249.00	8-23		42
6" (150)	120.00	102.00	70.00	10.50	8.50	16.90	72.00	274.00	8-23		48
8" (200)	120.00	102.00	70.00	10.50	8.50	21.90	82.00	315.00	12-23	8-23	80
10" (250)	125.00	125.00	102.00	12.50	10.50	26.90	92.00	417.00	12-25		180
12" (300)	125.00	125.00	102.00	12.50	10.50	26.90	98.00	452.00	16-25	12-25	220

New Check Valve

ADVANTAGES:

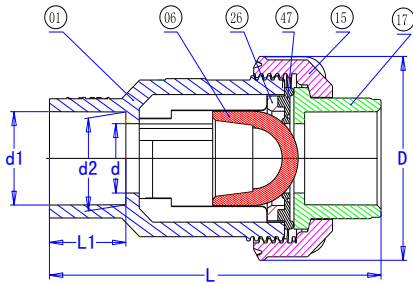
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

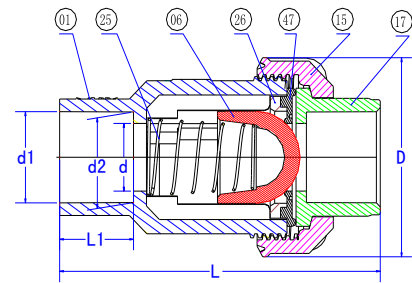
- 1) Material: PVC, CPVC, PP
- 2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Socket or Threaded(NPT,PT,BSPF), Fusion, Welding
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 7) Valve body color : PVC(dark gray/white), CPVC(light gray), PP(light yellow)



SPECIFICATIONS:



Normal Type



Spring Type

ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP	1
06	BALL	PVC / CPVC / PP	1
15	UNION NUT	PVC / CPVC / PP	1
17	UNION END	PVC / CPVC / PP	1
26	BUCKLE	PVC / CPVC / PP	1
47	SEAL	EPDM / VITON	1

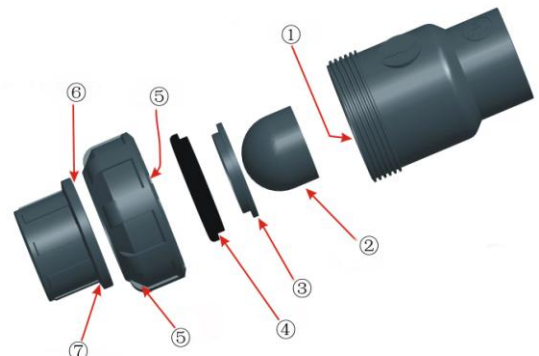
ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP	1
06	BALL	PVC / CPVC / PP	1
15	UNION NUT	PVC / CPVC / PP	1
17	UNION END	PVC / CPVC / PP	1
25	SPRING	SS 304	1
26	BUCKLE	PVC / CPVC / PP	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.54	20.30	22.40	22.40	21.23	20.10	21.73	21.90	54.00	90.00	22.30
3/4"(20)	20	26.87	25.30	26.45	26.40	26.57	25.10	25.69	25.90	63.00	105.50	25.50
1"(25)	25	33.65	32.30	32.55	34.50	33.27	32.10	31.70	33.90	73.50	124.00	28.60
1 1/4"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90	84.50	139.00	32.00
1 1/2"(40)	40	48.56	50.30	48.70	48.60	48.11	50.10	47.74	47.90	98.00	149.50	35.00
2"(50)	50	60.63	63.30	60.80	60.60	60.17	63.10	59.78	59.90	119.00	168.50	38.00

DESIGNS:

- ① In the ribs from three to six, making better diversion
- ② From the platform to the half-ball sealing, more reliable performance, sealing pressure levels increased (0.5kg-10kg), and it can easy to install by horizontal or vertical.
- ③ Seat is designed to fix the sealing performance.
- ④ Thickening Oring, more toughness, sealing better
- ⑤ Increase the nut-solid, thread taper and laps, improved pressure-resistant
- ⑥ Union-end plane after turning to ensure a more reliable flatness
- ⑦ Union end from right-angle to slope increase in a round protruding rib to increase the intensity



Flanged New Check Valve

ADVANTAGES:

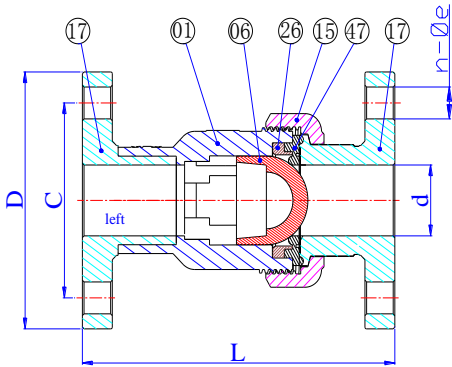
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC, PP
- 2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)

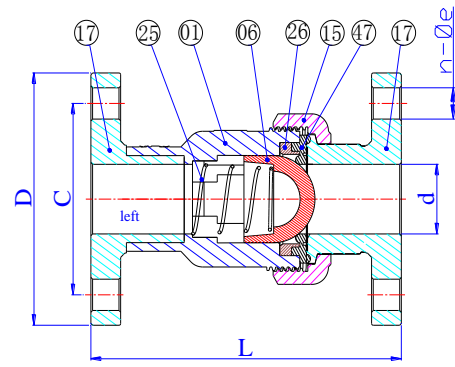


SPECIFICATIONS:



Normal Type

ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP	1
06	BALL	PVC / CPVC / PP	1
15	UNION NUT	PVC / CPVC / PP	1
17	FLANGE	PVC / CPVC / PP	1
26	BUCKLE	PVC / CPVC / PP	1
47	SEAL	EPDM / VITON	1



Spring Type

ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP	1
06	BALL	PVC / CPVC / PP	1
15	UNION NUT	PVC / CPVC / PP	1
17	FLANGE	PVC / CPVC / PP	1
25	SPRING	SS 304	1
26	BUCKLE	PVC / CPVC / PP	1
47	SEAL	EPDM / VITON	1

UNIT: MM

SIZE	d	C			D	L	n-φe
		ANSI	JIS	DIN			
1/2"(15)	15	60.50	70.00	65.00	95.00	125.00	4-15
3/4"(20)	20	70.00	75.00	75.00	105.00	142.50	4-15
1"(25)	25	79.20	90.00	85.00	125.00	163.00	4-19
1 1/4"(32)	32	89.00	100.00	100.00	140.00	178.00	4-19
1 1/2"(40)	40	98.00	105.00	110.00	150.00	192.50	4-19
2"(50)	50	121.00	120.00	125.00	165.00	215.50	4-19

Ball Check Valve

ADVANTAGES:

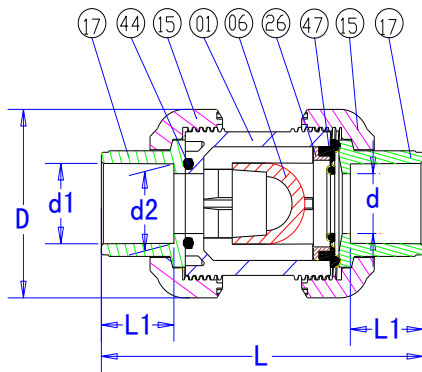
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO₃ free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, Clear PVC
- 2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Socket or Threaded(NPT,PT,BSPF), Fusion, Welding
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow), Clear PVC(transperance)



SPECIFICATIONS:

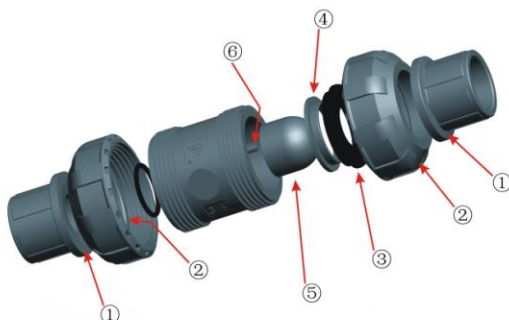


ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / CLEAR PVC	1
06	BALL	PVC / CPVC / PP / CLEAR PVC	1
15	UNION NUT	PVC / CPVC / PP / CLEAR PVC	2
17	UNION END	PVC / CPVC / PP / CLEAR PVC	2
26	BUCKLE	PVC / CPVC / PP / CLEAR PVC	1
44	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.54	20.30	22.40	22.40	21.23	20.10	21.73	21.90	54.00	96.00	22.30
3/4"(20)	20	26.87	25.30	26.45	26.40	26.57	25.10	25.69	25.90	63.00	112.00	25.50
1"(25)	25	33.65	32.30	32.55	34.50	33.27	32.10	31.70	33.90	73.50	129.00	28.60
1 1/4"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90	84.50	146.00	32.00
1 1/2"(40)	40	48.56	50.30	48.70	48.60	48.11	50.10	47.74	47.90	98.00	158.50	35.00
2"(50)	50	60.63	63.30	60.80	60.60	60.17	63.10	59.78	59.90	119.00	167.00	38.00

DESIGNS:



- ① Union-end plane after turning to ensure a more reliable flatness
- ② Increase the nut-solid, thread taper and laps, improved pressure-resistant
- ③ Thickening Oring, more toughness, sealing better
- ④ Seat is designed to fix the sealing performance
- ⑤ From the platform to the half-ball sealed, more reliable performance, sealing pressure levels increased (0.5kg-10kg), and it can easy to install by horizontal or vertical
- ⑥ In the ribs from three to six, making better diversion

Flanged Ball Check Valve

ADVANTAGES:

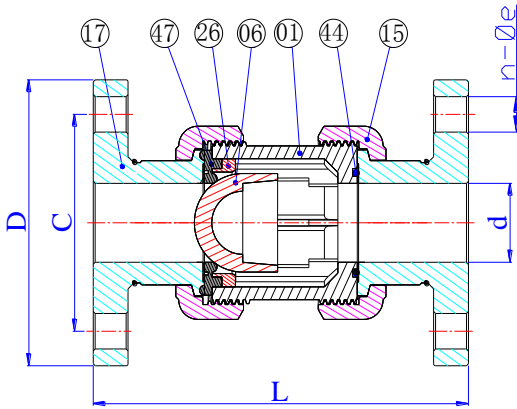
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO₃ free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC, PP
- 2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP	1
06	BALL	PVC / CPVC / PP	1
15	UNION NUT	PVC / CPVC / PP	2
17	FLANGE	PVC / CPVC / PP	2
26	BUCKLE	PVC / CPVC / PP	1
44	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	D	C			L	n-φe
			ANSI	JIS	DIN		
1/2"(15)	15	95.00	60.50	70.00	65.00	130.80	4-15
3/4"(20)	20	105.00	70.00	75.00	75.00	150.00	4-15
1"(25)	25	125.00	79.20	90.00	85.00	166.50	4-19
1 1/4"(32)	32	140.00	89.00	100.00	100.00	183.50	4-19
1 1/2"(40)	40	150.00	98.00	105.00	110.00	200.00	4-19
2"(50)	50	165.00	121.00	120.00	125.00	222.50	4-19



Swing Check Valve

ADVANTAGES:

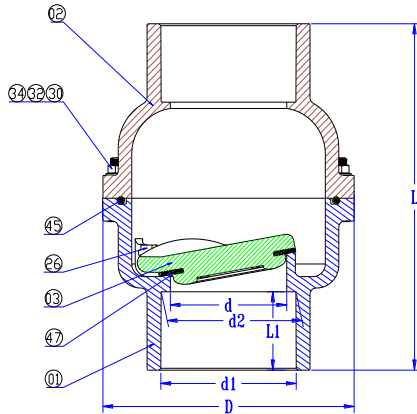
- 1) Materials meet drinking water standard
- 2) 100% pure virgin material, CaCO3 free (Chalk)
- 3) UV resistant powder added
- 4) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC
- 2) Size: 2½" - 6"; 75mm - 160mm ; DN65 - DN150
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Socket or Threaded(NPT,PT,BSPF)
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



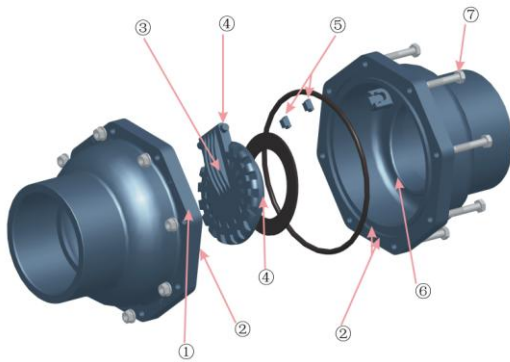
SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC	1
02	UPPER BODY	PVC / CPVC	1
03	VALVE CLACK	PVC / CPVC	1
26	BUCKLE	PVC / CPVC	2
30	BOLT	SS 304	8 / 12
32	PAD	SS 304	8 / 12
34	NUT	SS 304	8 / 12
45	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

SIZE	d	d1				d2				D	L	L1	Unit: MM
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS				
2½" (65)	63	73.38	75.30	76.60	76.70	72.85	75.10	75.87	75.90	168.00	212.00	49.50	
3" (80)	75	89.31	90.40	89.60	89.70	88.70	90.10	88.83	88.90	172.00	230.00	53.00	
4" (100)	95	114.76	110.40	114.70	115.00	114.10	110.10	113.98	113.80	205.00	274.00	62.00	
6" (150)	150	168.83	160.50	166.20	166.20	168.00	160.20	165.30	164.60	290.00	390.00	86.50	

DESIGNS:



- ① In particular increase the thickness at the end of body for impact resistance strength when suddenly open
- ② Two plane and the Oring grooves are by machining, to ensure the combination of surface formation, better sealing
- ③ Improved design on valve rib, at the bottom to reduce weight and greatly increased due to water hammer valve impact resistance and strenght
- ④ The abolition of the metal shaft, all to switch to all-in-one plastic structure, increased corrosion resistance
- ⑤ Buckle fixed valve petal, the elimination of the original way, replacing the two columns of fixed processing erros, and increase the opening angle to reduce the flow resistance
- ⑥ Sealing surface design is titled 10 degrees, so that it also can use at the level of the installation
- ⑦ Lock 8 screws the upper and lower body more closely and firmly, under the water hammer, it is difficult deformation, better sealing



Flanged Swing Check Valve

ADVANTAGES:

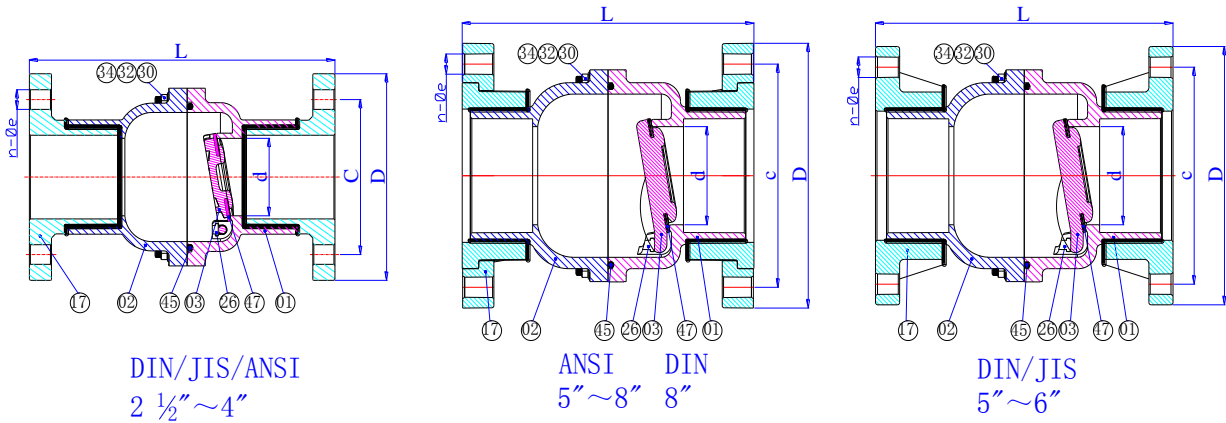
- 1) Materials meet drinking water standard
- 2) 100% pure virgin material, CaCO3 free (Chalk)
- 3) UV resistant powder added
- 4) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC
- 2) Size: 2½" - 8"; 75mm - 225mm ; DN65 - DN200
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC	1
02	UPPER BODY	PVC / CPVC	1
03	VALVE CLACK	PVC / CPVC	1
17	FLANG	PVC / CPVC	2
26	BUCKLE	PVC / CPVC	2
30	BOLT	SS 304	8 / 12
32	PAD	SS 304	8 / 12
34	NUT	SS 304	8 / 12
45	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	D		L		C			n-φe	
		ANSI	DIN/JIS	ANSI	DIN/JIS	ANSI	JIS	DIN	ANSI	DIN/JIS
2½"(65)	63.00	182.00		280.00		140.00	140.00	145.00	4-19	
3"(80)	75.00	200.00		304.00		150.00	152.00	160.00	8-19	
4"(100)	95.00	228.00		356.00		175.00	191.00	180.00	8-19	
5"(125)	95.00	256.00	250.00	290.00	296.00	216.00	210.00	210.00	8-22	8-23
6"(150)	150.00	285.00	285.00	566.00	674.00	241.00	240.00	240.00	8-22	8-23
8"(200)	150.00	343.00		298.00		298.00			8-23	



Foot Valve

ADVANTAGES:

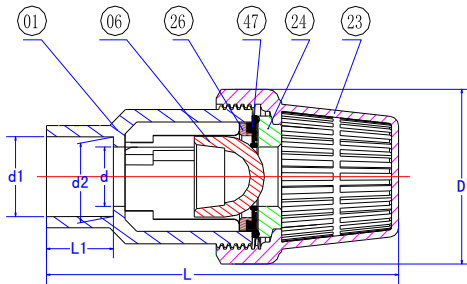
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO₃ free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

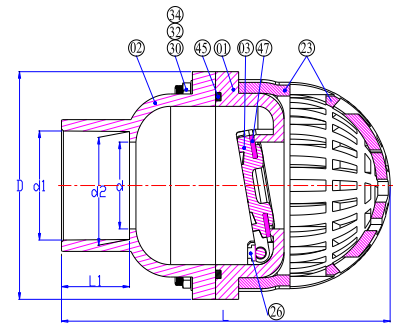
- 1) Material: PVC, CPVC
- 2) Size: 1/2" - 6"; 20mm - 160mm ; DN15 - DN150
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Socket or Threaded(NPT,PT,BSPF)
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



SPECIFICATIONS:



1/2"(15) - 2"(50)



2 1/2"(65) - 6"(150)

ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC	1
06	BALL	PVC / CPVC	1
23	BONNET	PVC / CPVC	1
24	PAD	PVC / CPVC	1
26	BUCKLE	PVC / CPVC	1
47	SEAL	EPDM / VITON	1

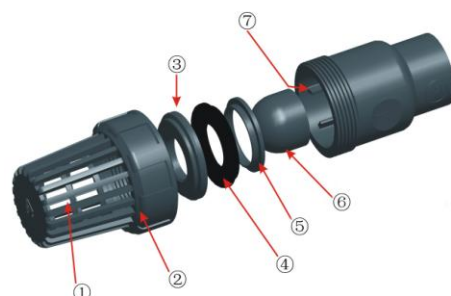
ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC	1
02	UPPER BODY	PVC / CPVC	1
03	VALVE CLACK	PVC / CPVC	1
23	BONNET	PVC / CPVC	1
26	BUCKLE	PVC / CPVC	2
30	BOLT	SS 304	8 / 12
32	PAD	SS 304	8 / 12
34	NUT	SS 304	8 / 12
45	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.54	20.30	22.40	22.40	21.23	20.10	21.73	21.90	54.00	109.00	22.30
3/4"(20)	20	26.87	25.30	26.45	26.40	26.57	25.10	25.69	25.90	63.00	137.50	25.50
1"(25)	25	33.65	32.30	32.55	34.50	33.27	32.10	31.70	33.90	73.50	153.00	28.60
1 1/4"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90	84.50	181.50	32.00
1 1/2"(40)	40	48.56	50.30	48.70	48.60	48.11	50.10	47.74	47.90	98.00	204.00	35.00
2"(50)	50	60.63	63.30	60.80	60.60	60.17	63.10	59.78	59.90	119.00	239.00	38.00
2 1/2"(65)	65	73.38	75.30	76.60	76.70	72.85	75.10	75.68	75.90	165.00	235.50	47.00
3"(80)	75	89.31	90.44	89.60	89.70	88.70	89.96	88.55	88.90	172.00	256.00	53.00
4"(100)	95	114.76	110.52	114.70	115.00	114.10	109.98	113.60	113.80	205.00	321.50	62.00
6"(150)	150	168.83	160.50	166.00	166.20	168.00	160.20	164.63	164.60	290.00	445.00	86.50

DESIGNS:

- ① Bonnet can prevent massive objects entering into foot valve.
- ② Increase the nut-solid, thread taper and laps, improved pressure resistant
- ③ Seat is designed to fix the sealing performance.
- ④ Thickening Oring, more toughness, sealing better
- ⑤ Seat is designed to fix the seal
- ⑥ From the platform to half-ball sealing, more reliable performance, sealing pressure levels increased (0.5kg-10kg), and it can easy to install by horizontal or vertical
- ⑦ In the ribs from three to six, making better diversion





Flanged Single Union Foot Valve

ADVANTAGES:

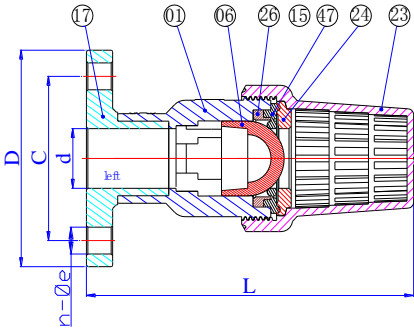
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

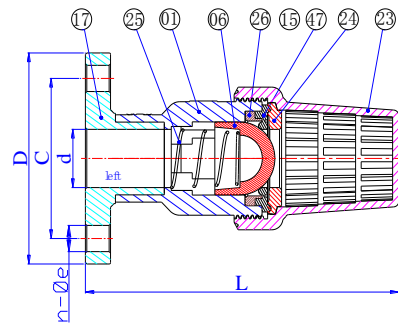
- 1) Material: PVC, CPVC
- 2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flange
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



SPECIFICATIONS:



Normal Type



Spring Type

ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC	1
06	BALL	PVC / CPVC	1
15	UNION NUT	PVC / CPVC	1
17	UNION END	PVC / CPVC	1
23	BONNET	PVC / CPVC	1
24	PAD	PVC / CPVC	1
26	BUCKLE	PVC / CPVC	1
47	SEAL	EPDM / VITON	1

ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC	1
06	BALL	PVC / CPVC	1
15	UNION NUT	PVC / CPVC	1
17	UNION END	PVC / CPVC	1
23	BONNET	PVC / CPVC	1
24	PAD	PVC / CPVC	1
25	SPRING	SS 304	1
26	BUCKLE	PVC / CPVC	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	C			D	L	n-φe
		ANSI	JIS	DIN			
1/2"(15)	15	60.50	70.00	65.00	95.00	126.40	4-15
3/4"(20)	20	70.00	75.00	75.00	105.00	155.00	4-15
1"(25)	25	79.20	90.00	85.00	125.00	172.00	4-19
1 1/4"(32)	32	89.00	100.00	100.00	140.00	201.50	4-19
1 1/2"(40)	40	98.00	105.00	110.00	150.00	226.00	4-19
2"(50)	50	121.00	120.00	125.00	165.00	263.00	4-19



Flanged True Union Foot Valve

ADVANTAGES:

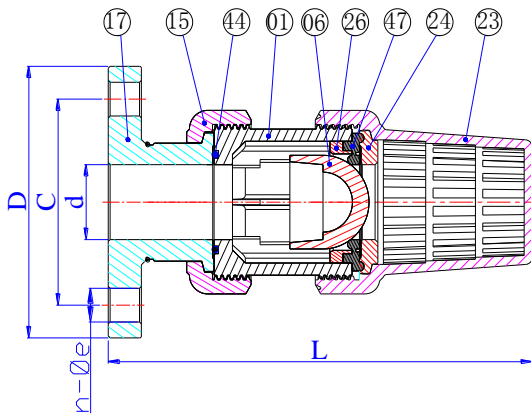
- 1) New CUP shape ball can stop water by just 0.5kg pressure
- 2) Materials meet drinking water standard
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC
- 2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flange
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC	1
06	BALL	PVC / CPVC	1
15	UNION NUT	PVC / CPVC	1
17	FLANG	PVC / CPVC	1
23	BONNET	PVC / CPVC	1
24	PAD	PVC / CPVC	1
26	BUCKLE	PVC / CPVC	1
44	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	D	C			L	n-φe
			ANSI	JIS	DIN		
1/2"(15)	15	95.00	60.50	70.00	65.00	132.00	4-15
3/4"(20)	20	105.00	70.00	75.00	75.00	162.50	4-15
1"(25)	25	125.00	79.20	90.00	85.00	175.50	4-19
1 1/4"(32)	32	140.00	89.00	100.00	100.00	207.00	4-19
1 1/2"(40)	40	150.00	98.00	105.00	110.00	233.50	4-19
2"(50)	50	165.00	121.00	120.00	125.00	270.00	4-19



Flanged Swing Foot Valve

ADVANTAGES:

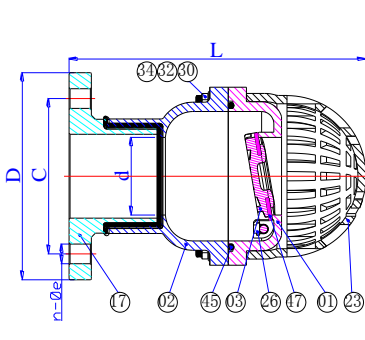
- 1) Materials meet drinking water standard
- 2) 100% pure virgin material, CaCO3 free (Chalk)
- 3) UV resistant powder added
- 4) Can be assembled vertically or horizontally

DESCRIPTION:

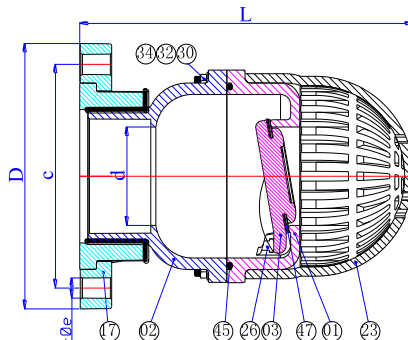
- 1) Material: PVC, CPVC
- 2) Size: 2½" - 8"; 75mm - 225mm ; DN65 - DN200
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flange
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



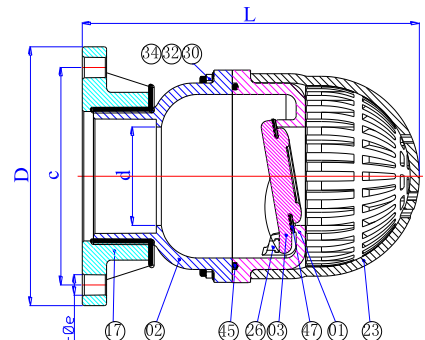
SPECIFICATIONS:



DIN/JIS/ANSI
2 ½"~4"



ANSI DIN
5"~8" 8"



DIN/JIS
5"~6"

ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC	1
02	UPPER BODY	PVC / CPVC	1
03	VALVE CLACK	PVC / CPVC	1
17	FLANGE	PVC / CPVC	1
26	BUCKLE	PVC / CPVC	2
30	BOLT	SS 304	8 / 12
32	PAD	SS 304	8 / 12
34	NUT	SS 304	8 / 12
45	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

Unit: MM

SIZE	d	D		L		C			n-φe	
		ANSI	DIN/JIS	ANSI	DIN/JIS	ANSI	JIS	DIN	ANSI	DIN/JIS
2½"(65)	63.00	182.00		273.50		140.00	140.00	145.00	4-19	
3"(80)	75.00	200.00		293.00		150.00	152.00	160.00	8-19	
4"(100)	95.00	228.00		362.50		175.00	191.00	180.00	8-19	
5"(125)	95.00	256.00	250.00	329.50	332.50	216.00	210.00	210.00	8-22	8-23
6"(150)	150.00	285.00	285.00	533.00	587.00	241.00	240.00	240.00	8-22	8-23
8"(200)	150.00	343.00		460.00		298.00			8-23	

Diaphragm Valve Socket Type

ADVANTAGES:

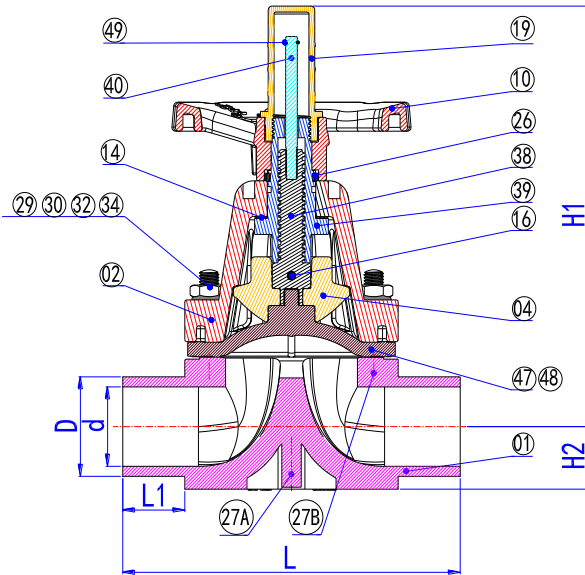
- 1) Materials meet drinking water standard
- 2) Improved designs and performance
- 3) 100% pure virgin material, CaCO₃ free (Chalk)
- 4) UV resistant powder added
- 5) Clear body is available to check working status
- 6) Diaphragm is available in EPDM, PTFE & VITON

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, Clear PVC, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Socket
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow),
Clear PVC(transparent), PVDF(ivory)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC / PP / PVDF	1
02	UPPER BODY	PVC / CPVC / PP / PVDF	1
04	COMPRESSOR	ABS	1
10	HANDWHEEL	ABS	1
14	THRUST WASHER	PTFE	1
16	PIN	65 Mn	1
19	INDICATOR COVER	PVC	1
26	BUCKLE	PP	1
27A	INSERTED COPPER	Cu	2
27B	INSERTED COPPER	Cu	0 / 4
29	BOLT STUB	SS 304	0 / 4
30	HEX BOLT	SS 304	2-4
32	PAD	SS 304	8-12
34	HEX NUT	SS 304	4-8
38	STEM SPINDLE	Cu (H59)	1
39	STEM SLEEVE	Cu (H59)	1
40	INDICATOR STEM	ABS	1
48 / 47	DIAPHRAGM	EPDM / VITON / PTFE	1
49	ORING	EPDM	1

Unit: MM

SIZE	d	D				L1	L	H1	H2
		DIN	ANSI	JIS	CNS				
1/2"(15)	15.00	20.00	21.34	22.00	22.00	22.50	100.00	127.00	12.50
3/4"(20)	20.00	25.00	26.67	26.00	26.00	26.00	113.00	132.00	16.00
1"(25)	25.00	32.00	33.40	32.00	34.00	29.00	132.00	141.40	20.00
1 1/4"(32)	32.00	40.00	42.16	38.00	42.00	35.50	181.00	219.00	31.50
1 1/2"(40)	40.00	50.00	48.26	48.00	48.00	35.50	181.00	219.00	31.50
2"(50)	50.00	63.00	60.32	60.00	60.00	38.00	221.00	234.60	37.50
2 1/2"(65)	65.00	75.00	73.02	76.00	76.00	45.00	251.00	296.00	45.00
3"(80)	75.00	90.00	88.90	89.00	89.00	52.00	291.00	315.30	55.00
4"(100)	95.00	110.00	114.30	114.00	114.00	61.50	348.00	334.00	70.00

Flanged Diaphragm Valve

ADVANTAGES:

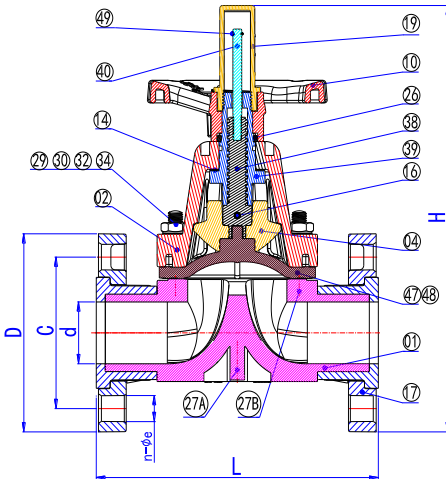
- 1) Materials meet drinking water standard
- 2) Improved designs and performance
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) Clear body is available to check working status
- 6) Diaphragm is available in EPDM, PTFE & VITON

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, Clear PVC, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Socket
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow),
Clear PVC(transparent), PVDF(ivory)



SPECIFICATIONS:



Van Stone Flanged Type - ANSI

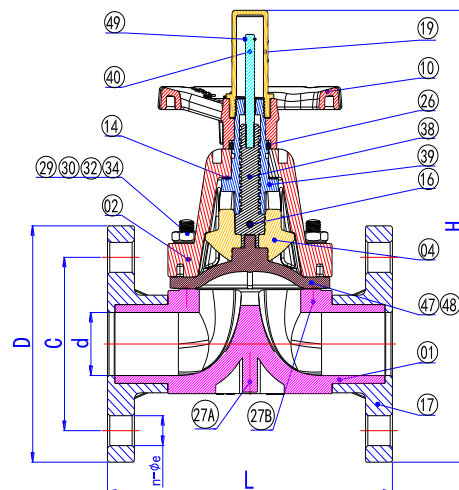
ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC / PP / PVDF	1
02	UPPER BODY	PVC / CPVC / PP / PVDF	1
04	COMPRESSOR	ABS	1
10	HANDWHEEL	ABS	1
14	THRUST WASHER	PTFE	1
16	PIN	65 Mn	1
17	FLANGE	PVC / CPVC / PP / PVDF	2
19	INDICATOR COVER	PVC	1
26	BUCKLE	PP	1
27A	INSERTED COPPER	Cu	2
27B	INSERTED COPPER	Cu	0 / 4
29	BOLT STUB	SS 304	0 / 4
30	HEX BOLT	SS 304	2-4
32	PAD	SS 304	8-12
34	HEX NUT	SS 304	4-8
38	STEM SPINDLE	Cu (H59)	1
39	STEM SLEEVE	Cu (H59)	1
40	INDICATOR STEM	ABS	1
48 / 47	DIAPHRAGM	EPDM / VITON / PTFE	1
49	ORING	EPDM	1

SIZE	D	C	d	L	H	n-φe
1/2"(15)	87.00	60.30	15.00	106.00	170.50	4-16
3/4"(20)	98.00	70.00	20.00	119.00	181.00	4-16
1"(25)	108.00	79.40	25.00	144.00	195.40	4-16
1 1/4"(32)	117.00	88.90	32.00	191.00	277.50	4-16
1 1/2"(40)	128.00	98.00	40.00	193.40	283.00	4-16
2"(50)	155.50	121.00	50.00	232.00	312.40	4-19
2 1/2"(65)	178.00	140.00	65.00	263.00	385.00	4-19
3"(80)	192.00	152.00	75.00	304.00	411.30	8-19
4"(100)	230.00	191.20	95.00	362.00	449.00	8-19

T/S Flanged Type - DIN / JIS

Unit: MM

SIZE	D	C		d	L	H	n-φe
		DIN	JIS				
1/2"(15)	95.00	65.00	70.00	15.00	106.00	174.50	4-15
3/4"(20)	105.00	75.00	75.00	20.00	119.00	184.50	4-15
1"(25)	125.00	85.00	90.00	25.00	142.00	203.90	4-19
1 1/4"(32)	140.00	100.00	100.00	32.00	191.00	289.00	4-19
1 1/2"(40)	150.00	110.00	105.00	40.00	191.00	294.00	4-19
2"(50)	165.00	125.00	120.00	50.00	231.00	317.00	4-19
2 1/2"(65)	185.00	145.00	140.00	65.00	269.00	388.50	4-19
3"(80)	200.00	160.00	150.00	80.00	308.00	415.30	8-19
4"(100)	220.00	180.00	175.00	100.00	368.00	444.00	8-19



T/S Flanged Type - DIN / JIS



XIAMEN SANIDENG PLASTICS INDUSTRY CO.,LTD

True Union Diaphragm Valve

ADVANTAGES:

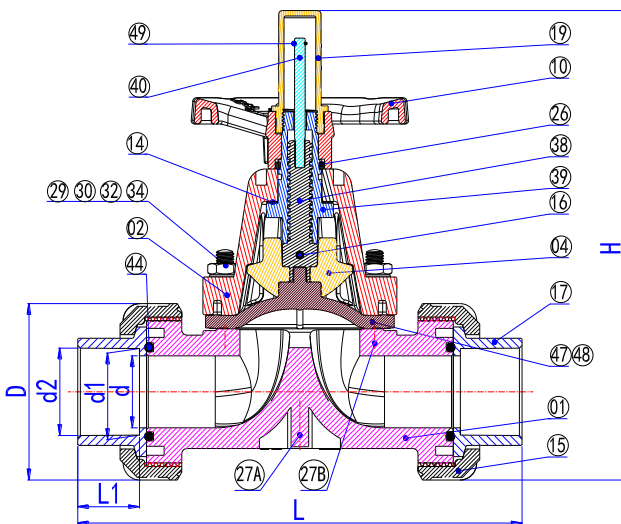
- 1) Materials meet drinking water standard
- 2) Improved designs and performance
- 3) 100% pure virgin material, CaCO3 free (Chalk)
- 4) UV resistant powder added
- 5) Clear body is available to check working status
- 6) Diaphragm is available in EPDM, PTFE & VITON

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, Clear PVC, PVDF
- 2) Size: 1/2" - 4"; 20mm - 110mm; DN15 - DN100
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Socket, Threaded(NPT, PT, BSPF), Fusion, Welding
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow),
Clear PVC(transparent), PVDF(ivory)



SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	LOWER BODY	PVC / CPVC / PP / PVDF	1
02	UPPER BODY	PVC / CPVC / PP / PVDF	1
04	COMPRESSOR	ABS	1
10	HANDWHEEL	ABS	1
14	THRUST WASHER	PTFE	1
15	UNION NUT	PVC / CPVC / PP / PVDF	2
16	PIN	65 Mn	1
17	UNION END	PVC / CPVC / PP / PVDF	2
19	INDICATOR COVER	PVC	1
26	BUCKLE	PP	1
27A	INSERTED COPPER	Cu	2
27B	INSERTED COPPER	Cu	0 / 4
29	BOLT STUB	SS 304	0 / 4
30	HEX BOLT	SS 304	2-4
32	PAD	SS 304	8-12
34	HEX NUT	SS 304	4-8
38	STEM SPINDLE	Cu (H59)	1
39	STEM SLEEVE	Cu (H59)	1
40	INDICATOR STEM	ABS	1
44	ORING	EPDM / VITON	2
48 / 47	DIAPHRAGM	EPDM / VITON / PTFE	1
49	ORING	EPDM	1

Unit: MM

SIZE	d	d1				d2				D	L1		L	H
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS		ANSI / JIS / CNS	DIN		
1/2"(15)	15.00	21.54	20.30	22.40	22.40	21.23	20.10	21.73	21.90	54.00	22.30	16.00	142.00	154.00
3/4"(20)	20.00	26.87	25.30	26.45	26.40	26.57	25.10	26.69	25.90	63.00	25.50	19.00	160.00	164.50
1"(25)	25.00	33.65	32.30	32.55	34.50	33.27	32.10	31.70	33.90	73.50	28.60	22.00	184.00	178.20
1 1/4"(32)	32.00	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90	84.50	32.00	26.00	246.00	261.00
1 1/2"(40)	40.00	48.56	50.30	48.70	48.60	48.11	50.10	47.74	47.90	98.00	35.00	32.00	252.00	268.00
2"(50)	50.00	60.63	63.30	60.80	60.60	60.17	63.10	59.78	59.90	118.00	38.00		287.00	294.00
2 1/2"(65)	65.00	73.38	75.30	76.60	76.70	72.85	75.10	75.68	75.90	150.00	47.00		356.00	371.00
3"(80)	75.00	89.31	90.40	89.60	89.70	88.70	90.10	88.55	88.90	169.00	51.00		409.00	400.00
4"(100)	95.00	114.76	110.40	114.70	115.00	114.10	110.10	113.60	113.80	211.00	61.00		497.00	440.00

Sampling Valve

ADVANTAGES:

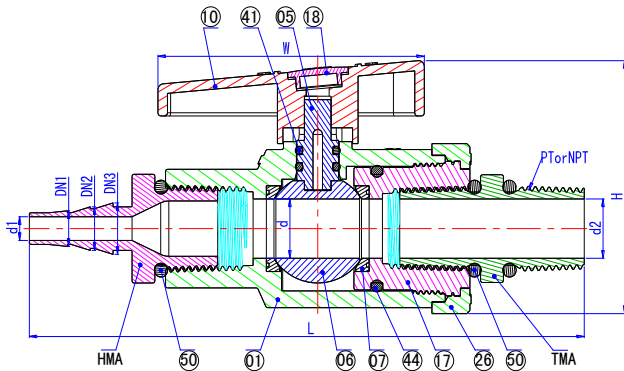
- 1) Enhanced hermeticity
- 2) Smooth opening and closing thanks to a lower torque
- 3) Replaceable ergonomic handle
- 4) 100% pure virgin material, CaCO₃ free (Chalk)
- 5) UV resistant powder added
- 6) 100% pressure testing before leaving the factory
- 7) Multifunctional ends to meet different requirements

DESCRIPTION:

- 1) Material: PVC, CPVC, PP, PVDF
- 2) Size: 1/4" - 1"; DN6 - DN25
- 3) Joint End: Socket, Threaded NPT, BSPF and PT
- 4) Standard: ANSI, DIN, JIS, CNS
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC & PP(0~95°C)



SPECIFICATIONS:

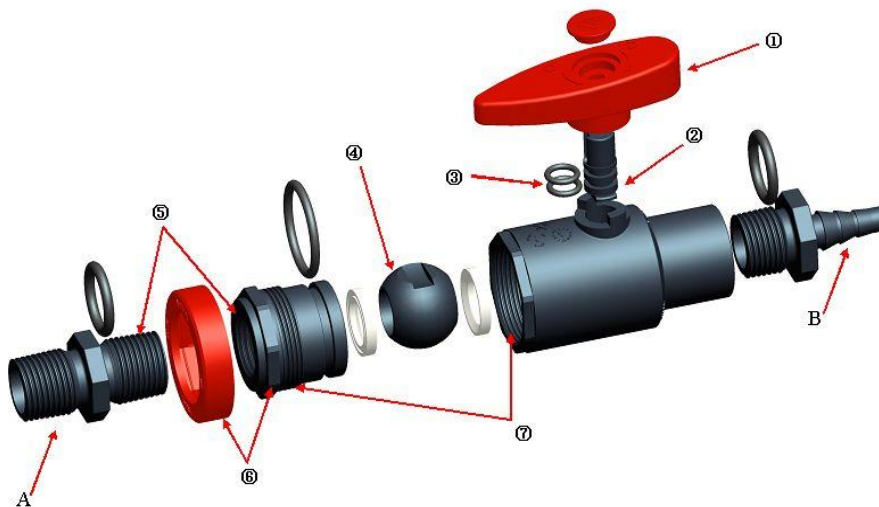


ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
05	STEM	PVC / CPVC / PP / PVDF	1
06	BALL	PVC / CPVC / PP / PVDF	1
07	SEAT	TPV	2
10	HANDLE	ABS	1
17	END CONNECTOR	PVC / CPVC / PP / PVDF	1
18	CAP	ABS	1
26	BUCKLE	ABS	1
41	ORING	EPDM / VITON	2
44	ORING	EPDM / VITON	1
50	ORING	EPDM / VITON	3
HMA	MALE ADAPTOR	PVC / CPVC / PP / PVDF	1
TMA	MALE ADAPTOR	PVC / CPVC / PP / PVDF	1

UNIT: MM

SIZE	Nominal (DN)			Structural Diameter								operating torque (N-M)
	DN1	DN2	DN3	d	d1	d2	L	H	W	PT(n/in)	NPT(n/in)	
1/4" (6)	8.00	10.00	12.00	6.00	6.00	6.00	110.50	47.70	49.00	19.00	18.00	2.00
1/2" (15)	8.00	10.00	12.00	15.00	14.00	14.00	137.00	64.00	70.00	14.00	14.00	2.00

DESIGNS:



- ① New design more beautiful than the old handle, and difficult to break
- ② The bottom of stem is designed with arc-shape, easily in conjunction with the ball of low-torque
- ③ Oring is increased from one to two, sealing more reliable
- ④ Ball is milled and polished via CNC machine to enhance its roundness for low-torque and high sealing
- ⑤ The end is suitable for threaded(NPT/PT/BSPF) and socket(ANSI/DIN/JIS) fittings, and multifunctional if to add A(double male adaptor) or B(hose adaptor)
- ⑥ Buckle is designed to fix the end and improve sealing performance
- ⑦ Male threads to connect female threads of body(without cement) until the octagonal ribs on the same position, sealing performance is stable.