SHREYANS IMPORTS AND EXPORTS

Address: Plot 6/2, Shed No 6, Sumukh Ind Estate, Phase 1, Opposite Kiran Industries, GIDC, Vatva, Ahmedabad 382445, India
Cell: +91 90 999 89 276, +91 90 999 89 280 Web: www.shreyanswater.com

SANKING

Shreyans Imports and Exports

Sampling Valve

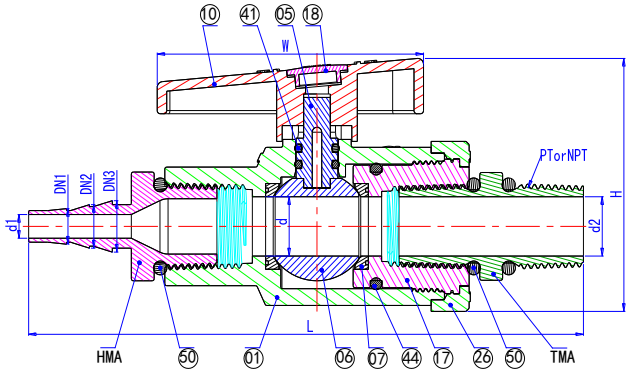
ADVANTAGES:

1) Enhanced hermeticity
2) Smooth opening and closing thanks to a lower torque
3) Replaceable ergonomic handle
4) 100% pure virgin material, $CaCO_3$ free (Chalk)
5) UV resistant powder added
6) 100% pressure testing before leaving the factory
7) Maltifunctional ends to meet different requirements

DESCRIPTION:

1) Material: PVC, CPVC, PP, PVDF
2) Size: 1/4" - 1/2"; DN6 - DN15
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℃); CPVC & PP(0~95℃)

SPECIFICATIONS:

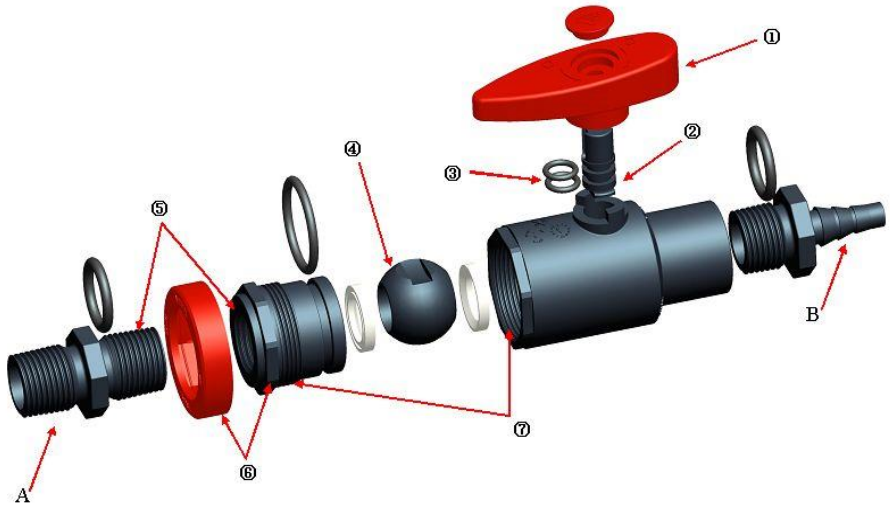


ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
05	STEM	PVC / CPVC / PP / PVDF	1
06	BALL	PVC / CPVC / PP / PVDF	1
07	SEAT	TPV	2
10	HANDLE	ABS	1
17	END CONNECTOR	PVC / CPVC / PP / PVDF	1
18	CAP	ABS	1
26	BUCKLE	ABS	1
41	ORING	EPDM / VITON	2
44	ORING	EPDM / VITON	1
50	ORING	EPDM / VITON	3
HMA	MALE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

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New Check Valve

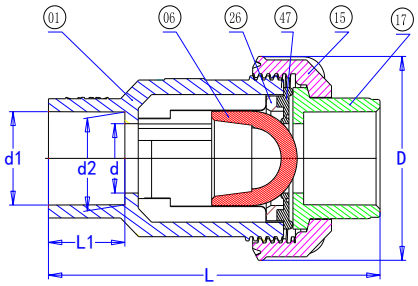
ADVANTAGES:

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:

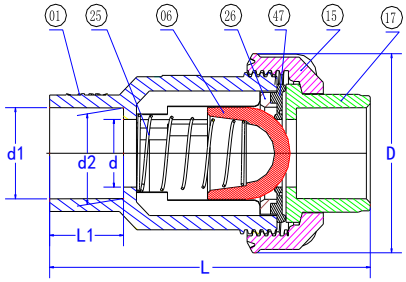
1) Material: PVC, CPVC, PP
2) Size: 1/2" - 2"; 20mm - 63mm ; DN15 - DN50
3) Standard: ANSI, DIN, JIS, CNS
4) Joint End: Socket or Threaded(NPT,PT,BSPF), Fusion, Welding
5) Working Pressure: 150 PSI
6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
7) Valve body color : PVC(dark gray/white), CPVC(light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

SPECIFICATIONS:



Normal Type

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



Spring Type

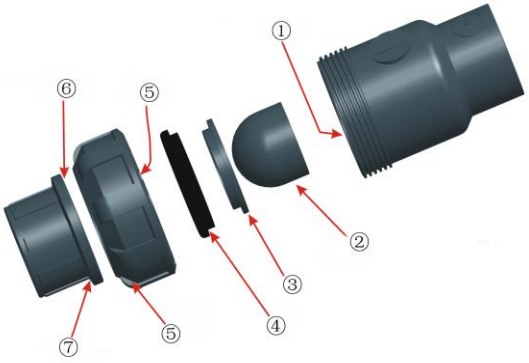
ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP	1
06	BALL	PVC / CPVC / PP	1
15	UNION NUT	PVC / CPVC / PP	1
17	UNION END	PVC / CPVC / PP	1
25	SPRING	SS 304	1
26	BUCKLE	PVC / CPVC / PP	1
47	SEAL	EPDM / VITON	1

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
1¼"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90	84.50	139.00	32.00
1½"(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



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Ball Check Valve

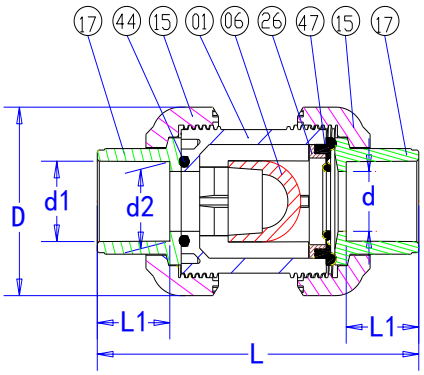
ADVANTAGES:

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:

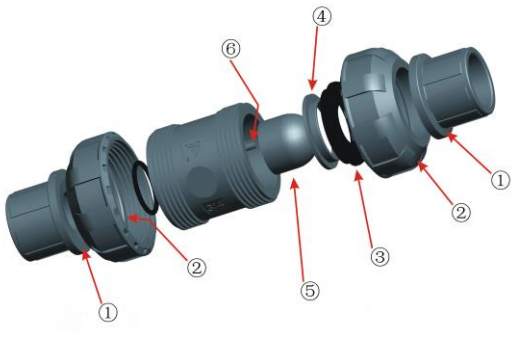


ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / CLEAR PVC	1
06	BALL	PVC / CPVC / PP / CLEAR PVC	1
15	UNION NUT	PVC / CPVC / PP / CLEAR PVC	2
17	UNION END	PVC / CPVC / PP / CLEAR PVC	2
26	BUCKLE	PVC / CPVC / PP / CLEAR PVC	1
44	ORING	EPDM / VITON	1
47	SEAL	EPDM / VITON	1

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
1¼"(32)	32	42.42	40.30	38.60	42.50	42.04	40.10	37.65	41.90	84.50	146.00	32.00
1½"(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 sealing, 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

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True Union Ball Valve

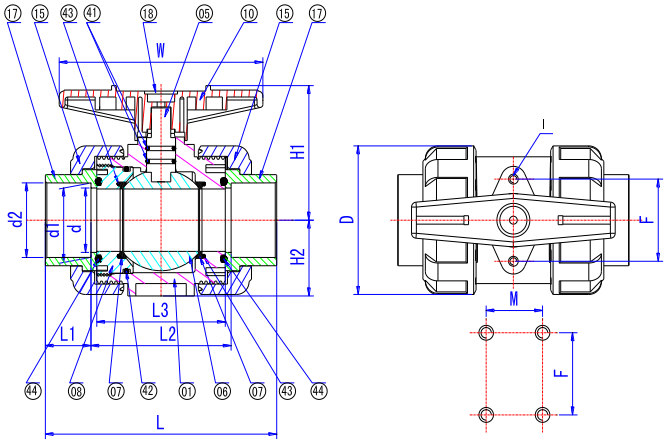
ADVANTAGES:

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/Electtric 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℃); CPVC & PP(0~95℃)
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:



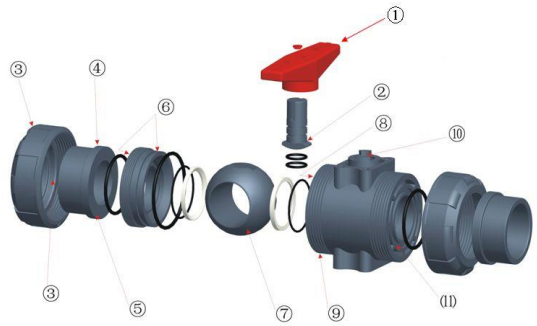
ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / CLEAR PVC / PVDF	1
05	STEM	PVC / CPVC / PP / CLEAR PVC / PVDF	1
06	BALL	PVC / CPVC / PP / CLEAR PVC / PVDF	1
07	SEAT	TPV / PTFE	2
08	SEAL CARRIER	PVC / CPVC / PP / CLEAR PVC / PVDF	1
10	HANDLE	ABS	1
15	UNION NUT	PVC / CPVC / PP / CLEAR PVC / PVDF	2
17	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
1¼"(32)	32	42.42	40.30	38.43	42.50	42.04	40.10	37.57	41.90	84.50
1½"(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
2½"(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

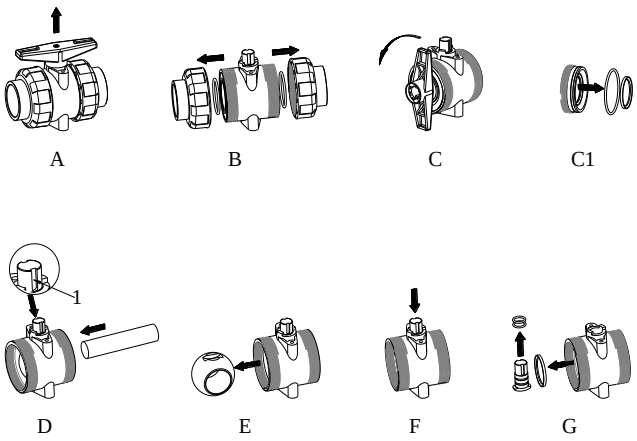
SIZE	L		L1		L2	L3	W	H1	H2	F	M	I	operating torque (Nm)
	ANSI /JIS /CNS	DIN	ANSI /JIS /CNS	DIN									
1/2"(15)	104.80	92.00	22.30	16.00	60.00	52.00	84.00	52.50	27.50	31.00	——	M6	2.0
3/4"(20)	113.00	100.00	25.50	19.00	62.00	54.00	90.00	59.00	32.00	33.00	——	M6	2.5
1"(25)	127.20	114.00	28.60	22.00	70.00	62.00	106.00	67.50	37.25	40.00	——	M6	4.0
1¼"(32)	142.00	130.00	32.00	26.00	78.00	70.00	116.00	77.50	42.75	52.00	——	M8	5.0
1½"(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
2½"(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 acurate 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 abvoe "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"

MATERIAL GUIDELINE FOR PRESSURE & TEMPERATURE: