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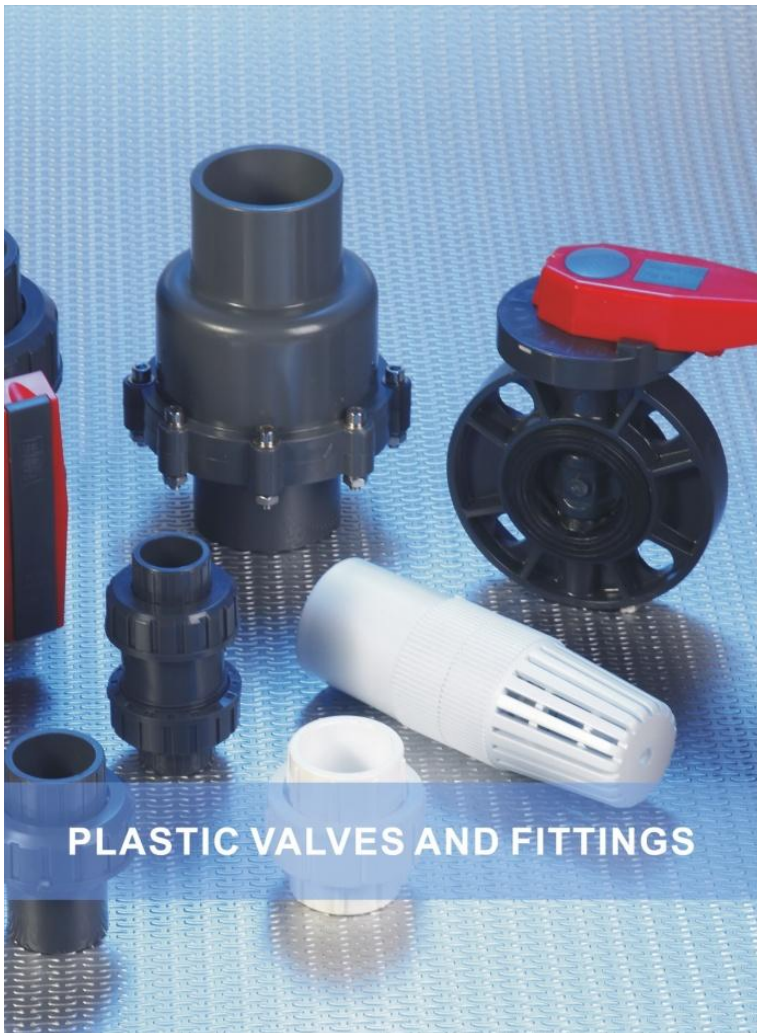
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PLASTIC VALVES AND FITTINGS

PLASTIC VALVES AND FITTINGS

03-04



ITEM NO:UCB01
* SIZE:1/2"-6"
* END CONNECTOR: THREAD, SOCKET
* WORKING PRESSURE:150PSI

COMPACT BALL VALVE Specification of material

NO.	PART	MATERIAL	QTY
1	Body	PVC,CPVC,PP	1
2	Seat Seal	TPE, PTFE	2
3	O-Ring	EPDM, FPM(NBR)	1
4	Ball	PVC,CPVC,PP	1
5	Handle	ABS	1
6	Cap	ABS	1

COMPACT BALL VALVE Dimensions

Nom Size	NPT Thrd.in	BSPT Thrd.in	JIS d1	BS d1	ANSI d1	DIN d1	d	D	L	I	w	H1	H2		
15mm(1/2")	14	14	22	22	21.34	20	14.5	32	80	22	68.5	64.3	44.9		
20mm(3/4")	14	14	26	26	26.67	25	20	36.8	92	25	80.5	76	52		
25mm(1")	11.5	11	32	34	33.4	32	24	45	106	28.0	100	94	65		
32mm(1 1/4")	11.5	11	38	42	42.16	40	30	53.5	112.5	28.0	108	103	70		
40mm(1 1/2")	11.5	11	48	48	48.26	50	34	62	129	33.0	108	112	73.5		
50mm(2")	11.5	11	60	60	60.33	63	44	75.5	148	39.5	138	126	81		
65mm(2 1/2")	8	11	76	76	73	75	56	92.5	177.5	39.5	192.5	166	108.5		
80mm(3")	8	11	89	89	88.9	90	71	107	209	48	192.5	181	116		
100mm(4")	8	11	114	114	114.3	110	86	134.5	294	78	262	236	151.5		
6"	/	/	/	/	/	/	168.8	160	130.4	185.4	407	102.7	301.9	299.5	181.2



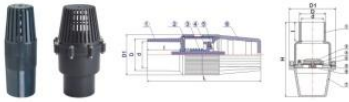
ITEM NO:UTB01
* SIZE:1/2"-4"
* END CONNECTOR: THREAD, SOCKET, FLANGE
* WORKING PRESSURE:150PSI

TRUE UNION BALL VALVE Specification of material

NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Stem	PVC-CPVC-PP	1	7	O-Ring	EPDM, FPM(NBR)	2
2	Handle	ABS	1	8	Body	PVC,CPVC,PP	1
3	Stem O-Ring	EPDM, FPM(NBR)	2	9	Ball	PVC, CPVC, PP	1
4	Union Nut	PVC-CPVC-PP	2	10	Seat Seal	PTFE	2
5	End Connector	PVC-CPVC-PP	2	11	Seat Carrier	PVC,CPVC,PP	1
6	Body O-Ring	EPDM, FPM(NBR)	2	12	Carrier O-Ring	EPDM, FPM(NBR)	1

TRUE UNION BALL VALVE Dimensions

Nom Size	NPT Thrd.in	BSPT Thrd.in	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.2	20.6	112.5	65	50.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.6	65.5	24.6	130.2	75	58.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	28	142.5	85	65.7
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59.5	102	31.5	166.5	110	86
50mm(2")	11.5	11	60	60	60.33	63	50	75	120	40	214	133.5	101.5
65mm(2 1/2")	8	11	76	75	73.03	75	60	87.5	135	40	228	161	112.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	269	200	160.5
100mm(4")	8	11	114	114	114.3	110	99	132	216	56	309	240	173.5



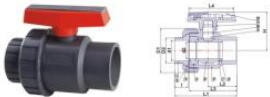
ITEM NO:UFV01
 * SIZE:1/2"-6"
 * END CONNECTOR: THREAD, SOCKET
 * MATERIAL:PVC

FOOT VALVE Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Connector	EPDM, FPM(NBR)	1
3	Spring	STAINLESS STEEL	1
4	Gate	PVC	1
5	Seal	EPDM, FPM(NBR)	1
6	Body	PVC	1

FOOT VALVE Dimensions

Nom Size	NPT Thd./In	BSPT Thd./In	JIS d'	BS d	ANSI d	DIN d	D	D1	I	L
15mm(1/2")	1/4	1/4	22	22	21.34	20	31.0	43.7	31.0	137.0
20mm(3/4")	1/4	1/4	26	26	26.67	25	35.5	43.7	32.5	141.0
25mm(1")	1/2	1/2	32	32	32.4	32	41.9	43.7	32.8	141.0
32mm(1 1/4")	1/2	1/2	38	38	42.16	40	51.0	78	35.0	195.3
40mm(1 1/2")	1/2	1/2	48	48	48.26	50	60.3	78	36.0	217.4
50mm(2")	1/2	1/2	60	60	60.33	63	72.5	78	37.0	217.4
75mm(2 1/2")	3/4	3/4	76	76	73.03	75	90	171.6	73.5	293.4
90mm(3")	3/4	3/4	89	89	88.9	90	76.4	183.8	58.2	252
110mm(4")	1	1	114	114	114.3	110	115	216	91	360
160mm(6")	1 1/2	1 1/2	165	165	168.3	160	161	291	120	500



ITEM NO:USU01
 * SIZE:1/2"-4"
 * END CONNECTOR: THREAD, SOCKET, FLANGE
 * WORKING PRESSURE:150 PSI

SINGLE UNION BALL VALVE Specification of material

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	End Connector	PVC,CPVC,PP	1	7	Seat Seal	PTFE	2
2	Carrier O-Ring	EPDM, FPM(NBR)	1	8	O-Ring	EPDM, FPM(NBR)	2
3	Union Nut	PVC,CPVC,PP	1	9	Stem	PVC,CPVC,PP	1
4	Seal Carrier	PVC,CPVC,PP	1	10	Stem O-Ring	EPDM, FPM(NBR)	2
5	Ball	PVC,CPVC,PP	1	11	Handle	ABS	1
6	Body	PVC,CPVC,PP	1				

SINGLE UNION BALL VALVE Dimensions

Nom Size	NPT Thd./In	BSPT Thd./In	JIS d'	BS d	ANSI d	DIN d	d2	D2	D1	I	L1	L2	L3	L4	H
15mm(1/2")	1/4	1/4	22	22	21.34	20	14	27.6	51.3	20.6	95.8	25.3	67.3	65	49.5
20mm(3/4")	1/4	1/4	26	26	26.67	25	18.7	35.2	65.5	25	111.4	32.4	78.3	74.9	66.5
25mm(1")	1/2	1/2	32	32	32.4	32	24	41.6	73.7	27.9	121.5	49.5	85.9	85	65
32mm(1 1/4")	1/2	1/2	38	38	42.16	40	32	49	86.6	27.0	130	57	99	97.1	76.5
40mm(1 1/2")	1/2	1/2	48	48	48.26	50	40	80.8	102	34.5	157.5	69.0	113.5	109.7	86.6
50mm(2")	1/2	1/2	60	60	60.33	63	50	74.5	120	40	190	81	136.5	190.0	102
65mm(2 1/2")	3/4	3/4	76	76	73.03	75	60	89	135	40	210	95.9	156	161	113.5
80mm(3")	3/4	3/4	89	89	88.9	90	79	107.5	188	48	254.6	120.9	196.5	199.4	161.5
100mm(4")	1	1	114	114	114.3	110	99	132	215.5	56	294	140.7	225	240	174



ITEM NO:UCC01
 * SIZE:1/2"-4"
 * SPECIFICATION:ASTM D2848 STANDARD
 * WORKING PRESSURE:150PSI

COMPRESSION COUPLING Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Union Nut	PVC	2
3	Seat	EPDM, FPM(NBR)	2

COMPRESSION COUPLING Dimensions

Nom Size	JIS d'	BS d	ANSI d	DIN d	d2	B	L
15mm(1/2")	22	22	21.34	20	23	45.5	110.1
20mm(3/4")	26	26	26.67	25	28	53	110.1
25mm(1")	32	32	32.4	32	36	62.2	120.1
32mm(1 1/4")	38	38	42.16	40	44	69.6	129.2
40mm(1 1/2")	48	48	48.26	50	52	81	136.6
50mm(2")	60	60	60.33	63	64.5	94	159
65mm(2 1/2")	76	76	73.03	75	78	111.5	191.7
80mm(3")	89	89	88.9	90	92.7	127	221.7
100mm(4")	114	114	114.3	110	117.2	156.7	251.7



ITEM NO:UTF01
 * SIZE:1/2"-8"
 * 235PSI MAXIMUM INTERNAL PRESSURE RATING @73 F
 * MATERIAL: PVC

TS FLANGE Dimensions

Nom Size	D1	D2	D3	d1	d1	d1	d1	I	n-e
Size	DN	JIS	ANSI	JIS	BS	ANSI	BS		
20mm(1/2")	30	60.5	89	20	21.34	22	22	22	4-16
25mm(3/4")	34	70.5	96	25	26.67	26	26	23.5	4-16
32mm(1")	42.5	79.5	108	32	33.4	32	34	25.5	4-16
40mm(1 1/4")	52	89.5	118	40	42.16	38	42	32	4-16
50mm(1 1/2")	61.5	98.5	127	50	48.26	48	48	32.5	4-19
63mm(2")	76	120.5	151.5	63	60.33	60	60	35.8	4-19
75mm(2 1/2")	89.5	139.5	177.3	75	70.03	76	76	41	4-19
90mm(3")	107.5	152.5	191	90	88.9	89	89	48.5	4-19
110mm(4")	130.5	190.5	228.5	110	114.3	114	114	58.5	8-19
160mm(6")	188	240	280	160	168.3	165	168.3	132	8-23
200mm(8")	238	296	330	200	219.1	216	219.1	136	12-23

Dimensions

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	1/4	1/4	14	14	13.8	17.7	63	81.5

Nom Size	NPT Thd./In	BSPT Thd./In	A	B	L1	L2	H1	H2
15mm(1/2")	1/4	1/4	13.8	17.7	62.5	92.9	56	80
20								



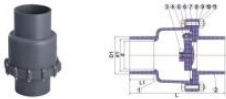
ITEM NO:UBC01
 = SIZE:1/2", 3/4" IPS
 = END CONNECTOR: BSPT, NPT, THREAD
 = MATERIAL: PVC

BIBCOCK Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Seal	TPE	1
3	O-Ring	EPDM, FPM(NBR)	1
4	Surcoat	PVC	1
5	Core Nut	ABS	1
6	Screw	ABS	1
7	Stem O-Ring	EPDM, FPM(NBR)	1
8	bolt	SUS304	1
9	Handle	PVC	1
10	Handle Cap	PS	1

Dimensions

Nom Size	NPT Thread	BSPT Thread	A	B	L1	L2	H1	H2
15mm(1/2")	14	14	11.6	13.7	61.5	99.5	72.5	95
20mm(3/4")	14	14	11.6	13.7	62.5	99.5	72.5	95



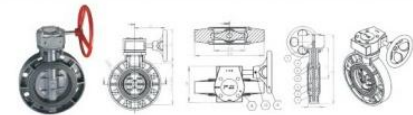
ITEM NO:USV01

PVC SWING CHECK VALVE Specification of material

NO.	PART	MATERIAL	Q'TY
1	Exit Body	PVC	1
2	Entrance Body	PVC	1
3	Gate Nut	PVC	1
4	Disk	PVC	1
5	Pin	SUS304	1
6	Sheet Gasket	EPDM, FPM(NBR)	1
7	O-Ring	EPDM, FPM(NBR)	1
8	Sheet Gasket Holder	PVC	1
9	Bolt	SUS304	see table
10	Washer	SUS304	see table
11	Nut	SUS304	see table

Dimensions

Nom Size	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	L1	L	N-n°
65mm(2 1/2")	78	75	73.03	75	68.3	89	58.0	226.2	8
80mm(3")	89	89	88.9	90	83	103.6	73.0	264.4	8
100mm(4")	114	114	114.3	110	101	131.6	90.0	358	8
150mm(6")	165.0	166	168.3	160	147	182	113.0	422.4	12



ITEM NO:UBV01
 = SIZE:1", 1 1/2"
 = WORKING PRESSURE:200PSI

BUTTERFLY VALVE GEAR TYPE

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	BODY	PVC/CPVC/PPG	1	6	O-RING	EPDM/FPM	2
2	SEAT SEAL	EPDM/FPM	1	7	KEY	STEEL	1
3	DISC	PVC/CPVC/PPG	1	8	GEARBOX	IRON	1
4	BOLT	304	1	9	HAND WHEEL	IRON	1
5	STEM	STEEL/304/316	1	10	PIN	STEEL	1

Dimensions

SIZE	"									
	DN	4"	5"	6"	8"	10"	12"	14"	16"	
P.C.D. D1	DIN	228	258	287	344	412	460	500	565	
	ANSI	180	210	240	295	350	400	460	515	
	JIS	191	216	241	298	362	432	476	540	
		175	210	240	290	355	400	445	510	
D d1		98	122	148	199	255	302	345	395	
	L	54	64	70	88	108	88	98		
L	d1	145	280	280	280	280	280	380	380	
	L1	120	200	200	200	220	220	280	280	
H1		140	168	181	215	260	280	410	490	
	H	340	385	417	487	551	595	670	770	
M		120	180	180	180	180	180	250	250	
	N	90	100	100	100	130	130	220	220	
N-φe	DIN	8-φ19	8-φ19	8-φ23	8-φ23	12-φ25	12-φ25	16-φ25	16-φ27	
	ANSI	8-φ19	8-φ19	8-φ23	8-φ23	12-φ25	12-φ25	16-φ25	16-φ29	
	JIS	8-φ19	8-φ19	8-φ23	8-φ23	12-φ25	12-φ25	16-φ25	16-φ27	
PN	PSI	150	150	150	150	100	100	60	60	
	MPa	1	1	1	1	0.5	0.5	0.4	0.4	
Weight		7.2	18	19	22	25	29	45	55	



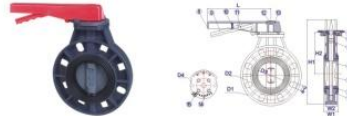
ITEM NO:UCC03

EXPANSION COUPLING Specification of material

NO.	PART	MATERIAL	Q'TY
1	Union Nut	PVC-U	1
2	Union nut Seal	NBR	1
3	Body	PVC-U	1
4	Core seal	NBR	2
5	core	PVC-U	1

Dimensions

Nom Size	D1	D	d	d1	d2	d3	L	L1	L2
1/2"	45	27.6	21.34	27.9	16.5	21.4	23.3	95	135
3/4"	51.4	33.2	26.67	33.6	21.1	26.7	25.3	110.7	159
1"	63	40.8	33.4	43.2	26.7	33.4	28.4	130.5	187.7
1 1/4"	73.2	50	42.16	51.3	34.8	42.2	31.5	149	209.5
1 1/2"	79.8	56.6	48.26	57.6	42.2	48.3	33.3	170	233.5
2"	92	69	60.33	70.3	52.2	60.3	34.8	181	244.5



ITEM NO:UBV01
 = SIZE:2", 8"
 = END CONNECTOR: FLANGE
 = WORKING PRESSURE:200PSI

BUTTERFLY VALVE Specification of material

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1	9	Small Handle	ABS	1
2	Seat Seal	EPDM, FPM(NBR)	1	10	Spring	SUS304	1
3	Gate	PVC	1	11	Pin	SUS304	1
4	Stem	SUS410	1	12	Bolt	SUS304	1
5	O-Ring	EPDM, FPM(NBR)	2	13	Handle Cap	ABS	1
6	Washer	ABS	1	14	Insered Bolt	SUS304	4
7	Locking Plate	PVC	1	15	Bolt cap	PVC	4
8	Large Handle	ABS	1				

Dimensions

Nom Size	D1	DIN D2	JIS D2	ANSI D3	D3	D4	L	H1	H2	W1	W2	DIN P1-P8	JIS P1-P8	ANSI P1-P8
50mm(2")	160.1	120	100	120.4	55.6	99.7	189.7	223.3	98.3	44	32	4-20	4-19	4-19
65mm(2 1/2")	179.8	141.2	140	139.5	68.7	99.7	189.0	247.0	111.6	48.3	32.4	4-18	4-19	4-19
80mm(3")	195.0	156.4	140	139.5	83.9	99.7	238.5	282.6	132.5	51.9	36.3	8-20	4-19	4-19
100mm(4")	228.1	183	150	152.4	103.2	99.7	239.5	319.4	155.4	54.5	44.1	8-20	8-19	8-19
125mm(5")	257	210.9	175	190.5	129.5	139	309.8	368	170.3	66.5	54.6	8-21.5	8-19	8-19
150mm(6")	285.4	238.5	240	241.5	151.1	140.0	309.8	400.8	187.5	73.1	56.4	8-24	8-23	8-22
200mm(8")	342.6	292.4	295	298.5	198.6	140.0	309.8	473.0	230.1	92.0	72.2	8-24	12-23	8-23



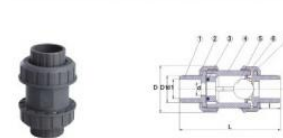
ITEM NO:UBV01
 = SIZE:2", 8"
 = END CONNECTOR: FLANGE
 = WORKING PRESSURE:200PSI

BUTTERFLY VALVE WITH FLANGE

NO.	PARTS	Q'TY
1	Butterfly Valve	1
2	Flange	2
3	Bolt	
4	Washer	
5	Nut	

Dimensions

VALVE SIZE DN-INCH	FLANGE	D	L1	BOLT QTY	BOLT M
50X2"	63	160	43	4	M16
65X2 1/2"	75	180	46	4	M16
80X3"	90	196	49	8	M16
100X4"	110	228	54	8	M16
125X5"	125,140	258	64	8	M16
150X6"	160	287	70	8	M20
200X8"	200,225	344	88	8	M20
250X10"	250,280	412	96	12	M20
300X12"	315	460	108	12	M20
350X14"	350	500	88	16	M20
400X16"	400	565	96	16	M24



ITEM NO:UBC02

PVC BALL CHECK VALVE Specification of material

NO.	PART	MATERIAL	Q'TY
1	End Connector	PVC	2
2	Union Nut	PVC	2
3	Stem O-Ring	EPDM, FPM(NBR)	1
4	Ball	PVC	1
5	Gland	PVC	1
6	Seat	EPDM, FPM(NBR)	1

Dimensions

Nom Size	NPT Thread	BSPT Thread	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	J	L
15mm(1/2")	14	14	22	22	21.34	20	15	27.5	51.3	20.5	105
20mm(3/4")	14	14	26	26	26.67	25	19.5	35.0	65.5	25	116.5
25mm(1")	11.5	11	32	34	33.4	32	25	41.6	73.7	28	130.5
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34	168.5
50mm(2")	11.5	11	60	60	60.33	63	50	75	119.8	40	189



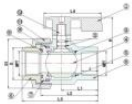
ITEM NO:UCV01

SPRING CHECK VALVE II Specification of material

NO.	PART	MATERIAL	Q'TY
1	Exit body	PVC-U	1
2	Stainless plug	stainless steel	1
3	Spring	stainless steel	1
4	Core	PVC-U	1
5	Core frame	PVC-U	1
6	O-ring	NBR	1
7	Entrance body	PVC-U	1

Dimensions

Nom Size	D1	D	BS(d)	ANSI(d)	DIN(d)	L	H
1/2"	45.2	30.5	22	21.34	20	23	103
3/4"	45.2	35.5	26	26.67	25	27	113.6
1"	57.5	43	34	33.4	32	28	142
1 1/4"	79.6	52	42	42.16	40	30.6	156
1 1/2"	79.8	60.2	48	48.26	50	36	167.4
2"	103.6	72	60	60.33	63	40.6	194.8



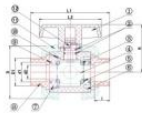
ITEM NO: USU03

SINGLE UNION BALL VALVE III Specification of material

NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Handle	PVC-U	1	7	Seat Carrier	PVC-U	1
2	Stem O-ring	NBR	1	8	End connector	PVC-U	1
3	Seat Seal	PTFE	1	9	Seat Carrier flat O-ring	NBR	1
4	Ball	PVC-U	1	10	Seat Carrier O-ring	NBR	1
5	O-ring	NBR	1	11	Union nut	PVC-U	1
6	Body	PVC-U	1	12	Stem	PVC-U	1

Dimensions

Nom Size	D1	D	NPT	I	L1	L2	L3	L4	H
1/2"	49	29	1/2"	18	38	58	80	57	50
3/4"	60	35	3/4"	18	41.9	66	88	64	49.7
1"	66	43.2	1"	22	49	78.7	101.9	77.2	62.3
1 1/4"	81	51	1 1/4"	29	59	93	125	91	75
1 1/2"	94	60	1 1/2"	31.5	63.2	99.2	133.2	100	81.5
2"	111	74	2"	38	82.4	124.7	165.7	117.6	92.4



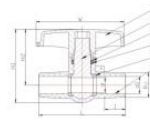
ITEM NO: UTB03

TRUE UNION BALL VALVE III Specification of material

NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Handle	ABS	1	7	Seat Carrier	PVC-U	1
2	Stem O-Ring	NBR	2	8	End Connector	PVC-U	1
3	Seat Seal	PE	2	9	O-Ring	NBR	1
4	Ball	PVC-U	1	10	O-Ring	NBR	1
5	O-Ring	NBR	2	11	Union Nut	PVC-U	1
6	Body	PVC-U	1	12	Stem	PVC-U	1

Dimensions

Nom Size	NPT	BSPT	JIS(d1)	BS(d1)	ANSI(d1)	DIN(d1)	d2	D1	D	I	L1	L2	H
1/2"	14	14	22	22	21.34	20	14	26	55	16	82.50	65	49.50
3/4"	14	14	26	26	26.67	25	18	36	60	19	92	80	54.50
1"	11.50	11	32	34	33.40	32	25	44	69	22.50	107	85	62
1 1/4"	11.50	11	38	42	42.16	40	32	56	81.50	26	120	97	74
1 1/2"	11.50	11	48	48	48.26	50	40	63	93	31.50	144	116	85
2"	11.50	11	60	60	60.33	63	50	78	111	38.50	172	134	100



ITEM NO: UC803

COMPACT BALL VALVE M/M Specification of material

NO.	PART	MATERIAL	QTY
1	Handle	ABS	1
2	Stem	PVC-U	1
3	Seat Seal	PE	1
4	O-Ring	NBR	1
5	O-Ring	HDPE	2
6	Body	PVC-U	1

Dimensions

Nom Size	Rc	d1	d	L	I	W	H1	H2
1/2"	1/2"	14	12	70	17	71	60	45
3/4"	3/4"	18	16	75	17	71	67	47



ITEM NO: UTS01

TRUE UNION SPRING CHECK VALVE

Nom Size	d	d1	D1	D2	I	L
50	44.6	50	92.6	61.4	32	160.3
63	54.8	63	114.8	77.6	38	193.2