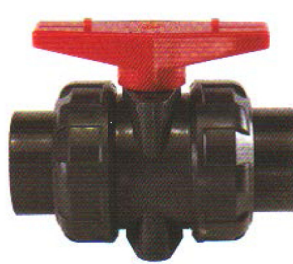




TRUE UNION BALL VALVE (UPVC , CPVC, PPH)

Features

- Full Port Type
- Pressure Rating 150 Psi
- Less Flow loss and seal hermetically
- Fit Compactly in spaces
- Actuator could be installed with inserted nut
- The standard product without nut inserted
- Standard JIS/ANSI/DIN

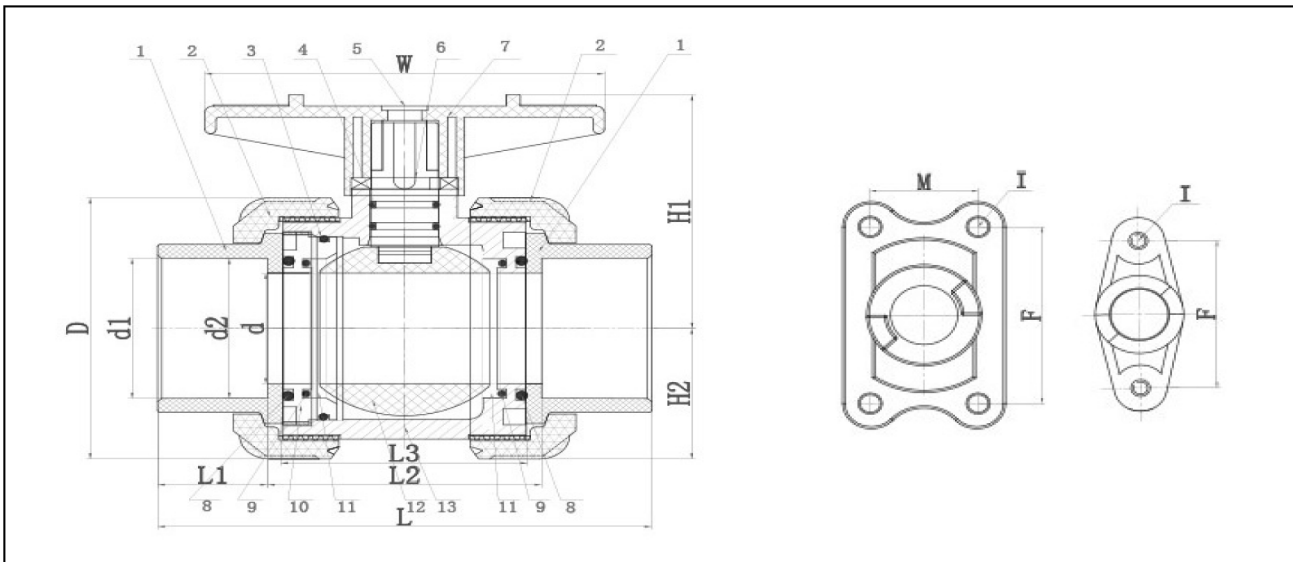


Size: 1/2"-2"



Size: 2- 1/2"-4"

Drawing Structure



Material

NO	PART	MATERIAL	PCS
3/4/8/9	O-ring	EPDM/VITON	7
1	UNION END	UPVC /CPVC/PPH	2
2	UNION NUT	UPVC /CPVC/PPH	2
5	CAP	ABS	1
6	STEM	UPVC /CPVC/PPH	1
7	HANDEL	ABS	1
10	SEAL	UPVC /CPVC/PPH	1
11	SEAT	PTFE	2
12	BALL	UPVC /CPVC/PPH	1
13	BODY	UPVC /CPVC/PPH	1



TRUE UNION BALL VALVE (UPVC , CPVC, PPH)

Dimension

Unit:mm

SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"	15	21.40	20.25	22.30	22.40	21.25	20.25	21.85	21.90
3/4"	20	26.75	25.25	26.30	26.40	26.58	25.05	25.85	25.90
1"	25	33.52	32.25	32.33	34.50	33.28	32.05	31.85	33.90
1-1/4"	32	42.28	40.25	38.43	42.50	42.05	40.05	37.85	41.90
1-1/2"	40	48.40	50.25	48.46	48.60	48.12	50.05	47.75	47.90
2"	50	60.45	63.25	60.56	60.60	60.18	63.05	59.75	59.90
2-1/2"	63	73.30	75.25	76.60	76.70	72.85	75.05	75.87	75.90
3"	75	89.25	90.35	89.60	89.70	88.70	90.05	88.83	88.90
4"	90	114.60	110.35	114.70	115.00	114.10	110.05	113.98	113.80

Dimension

Unit:mm

SIZE	D	L	L1	L2	L3	W	H1	H2	M	I	TORQUE(NM)
1/2"	54.00	106.00	23.00	60.00	52.00	84.00	52.50	27.50	-	M6	2.00
3/4"	63.00	114.00	26.00	62.00	54.00	90.00	59.00	32.00	-	M6	2.50
1"	73.50	128.00	29.00	70.00	62.00	106.00	67.50	37.25	-	M6	4.00
1-1/4"	84.50	144.00	33.00	78.00	70.00	116.00	77.50	42.75	-	M8	5.00
1-1/2"	98.00	158.50	35.50	87.50	79.50	128.00	90.00	50.00	-	M8	7.50
2"	118.00	172.00	38.50	95.00	85.00	140.00	106.00	52.00	-	M8	8.50
2-1/2"	150.00	278.00	64.50	144.50	132.50	198.00	136.50	70.00	45.00	M10	13.00
3"	169.00	310.00	70.00	166.00	150.00	218.00	149.50	84.00	45.00	M10	16.00
4"	190.00	352.00	84.00	181.00	157.00	235.00	166.00	121.00	49.00	M12	25.00

+

WD

+

TRUE UNION BALL VALVE (UPVC , CPVC, PPH)

Techical Information

SIZE	HYDROSTATIC TESING		SEAT AND O-RING TEST		TORQUE KG*CM	CV
	BUST PRESSURE WATER(KG/CM ²) MINIUMN	LONG-TERM BEHAVIOUR TEST WATER(KG/CM ²)	SEAT VALVE CLOSE AIR(KG/CM ²)	O-RING VALVE OPEN AIR(KG/CM ²)		
1/2"	42	22	6	6	20	8
3/4"	42	22	6	6	25	15
1"	42	22	6	6	40	29
1-1/4"	42	22	6	6	50	75
1-1/2"	42	22	6	6	75	90
2"	42	22	6	6	85	140
2-1/2"	31	22	6	6	130	330
3"	31	22	6	6	160	480
4"	31	22	6	6	250	600

Table Pressure (Material)

Pressure Loss

Calculation Formula

$P=(Q/Cv)^2$

P:Pressure Drop

Q : Flow GPM

Cv : Flow Coefficient

