



SAFETY BLOCK (TRUE UNION) BALL VALVE



CB Series

安全球閥

CB100 SOCKET/ CB200 THREAD/ CB300 FLANGED
Size: 1/2" - 4"

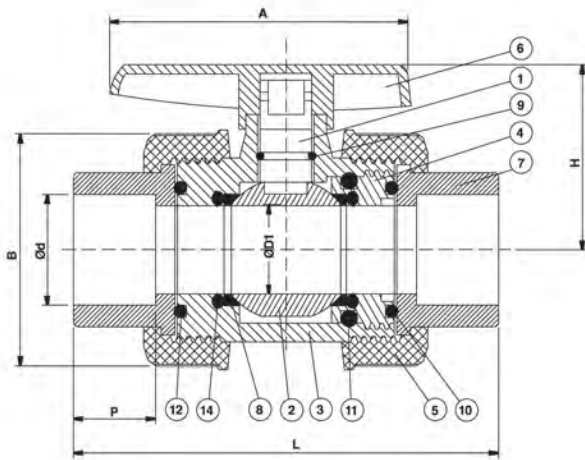
本產品榮獲NSF 14/NSF 61認證合格

● MATERIALS OF CONSTRUCTION

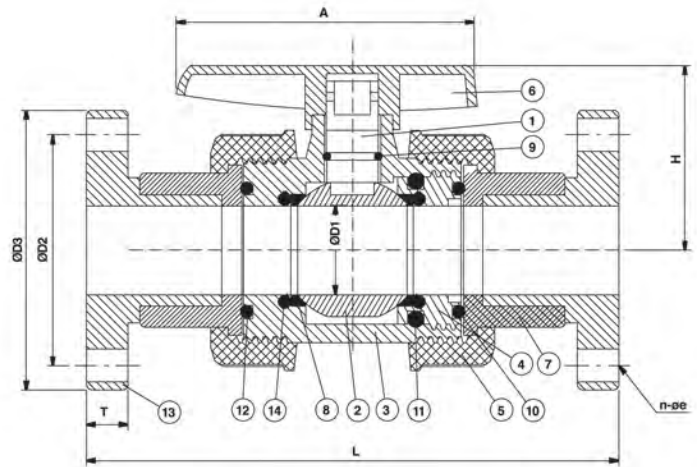
Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	STEM	1	UPVC,PP,CPVC,PVDF	8	SEAT	2	PTFE
2	BALL	1	UPVC,PP,CPVC,PVDF	9	STEM O-RING	1....DN15-50 2....DN65-100	EPDM,VITON
3	BODY	1	UPVC,PP,CPVC,PVDF	10	SEAT CARRIER O-RING	1	EPDM,VITON
4	SEAT CARRIER	1	UPVC,PP,CPVC,PVDF	11	BODY O-RING	1	EPDM,VITON
5	UNION NUT	2	UPVC,PP,CPVC,PVDF	12	SOLID END O-RING	1	EPDM,VITON
6	UHANDLE	1	ABS	13	FLANGE	2	UPVC,PP,CPVC,PVDF
7	END CONNECTOR	2	UPVC,PP,CPVC,PVDF				

● DIMENSIONS TABLE

Nominal Pipe Size	JIS															Test Press kgf/cm ²
	D1	D2	D3	d		e	n	P	L			A	T	H	B	
				Socket	Thread				Socket	Thread	Flange					
15(1/2")	15	70	95	22	PT1/2	15	4	22.2	116	116	157	77	15	55	54	15
20(3/4")	19	75	100	26	PT3/4	15	4	25.4	133	133	166	85	16	60	65	15
25(1")	25	90	125	32	PT1	19	4	28.6	149	149	196	98	17	71	73	15
32(1-1/4")	38	100	135	38	PT1-1/4	19	4	31.8	172	172	218	109	17	75	81	15
40(1-1/2")	38	105	140	48	PT1-1/2	19	4	34.9	190	190	236	118	17	95	98	15
50(2")	48	120	155	60	PT2	19	4	38.1	205	205	256	137	20	104	120	15
65(2-1/2")	65	140	175	76	PT2-1/2	19	4	44.5	228	228	282	190	20	140	150	10
80(3")	78	150	185	89	PT3	19	8	47.6	270	270	330	230	23	165	184	10
100(4")	102	175	210	114	PT4	19	8	57.0	324	324	385	274	23	172	226	10



SOCKET & SCREW TYPE



FLANGE TYPE

DIMENSIONS TABLE

ANSI															Unit:inch	
Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			A	T	H	B	Test Press lb/in ²
				Socket	Thread				Socket	Thread	Flange					
15(1/2")	0.59	2.375	3.500	0.848	NPT1/2	0.625	4	0.875	4.57	4.57	6.06	3.03	0.591	2.17	2.17	222
20(3/4")	0.748	2.750	3.875	1.058	NPT3/4	0.625	4	1.000	5.24	5.24	6.54	3.35	0.630	2.36	2.56	222
25(1")	0.98	3.125	4.250	1.325	NPT1	0.625	4	1.125	5.87	5.87	7.60	3.86	0.669	2.80	2.87	222
32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4	0.625	4	1.250	6.77	6.77	8.58	4.29	0.669	2.95	3.19	222
40(1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2	0.625	4	1.375	7.48	7.48	9.29	4.65	0.709	3.74	3.86	222
50(2")	1.89	4.750	6.000	2.387	NPT2	0.750	4	1.500	8.07	8.07	10.07	5.39	0.787	4.09	4.72	222
65(2-1/2")	2.56	5.500	7.000	2.889	NPT2-1/2	0.750	4	1.750	8.97	8.97	11.10	7.48	0.787	5.51	5.90	148
80(3")	3.07	6.000	7.500	3.515	NPT3	0.750	4	1.875	10.62	10.62	13.00	9.06	0.90	6.50	7.24	148
100(4")	4.01	7.500	9.000	4.518	NPT4	0.750	8	2.250	12.76	12.76	15.15	10.79	0.90	6.77	10.31	148

DIN															Unit:mm	
Nominal Pipe Size	D1	D2	D3	d		e	n	P	L			A	T	H	B	Test Press kgf/cm ²
				Socket	Thread				Socket	Thread	Flange					
15(1/2")	15	65	95	20	R1/2	14	4	16.0	116	116	157	77	15	55	54	15
20(3/4")	19	75	105	25	R3/4	14	4	18.5	133	133	166	85	16	60	65	15
25(1")	25	85	115	32	R1	14	4	22.0	149	149	196	98	17	71	73	15
32(1-1/4")	38	100	140	40	R1-1/4	18	4	26.0	172	172	218	109	17	75	81	15
40(1-1/2")	38	110	150	50	R1-1/2	18	4	31.0	190	190	236	118	18	95	98	15
50(2")	48	120	165	63	RT2	18	4	37.5	205	205	256	137	20	104	120	15
65(2-1/2")	65	145	185	75	R2-1/2	18	4	43.5	228	228	282	190	20	140	150	10
80(3")	78	160	200	90	R3	18	8	51.0	270	270	330	230	23	165	184	10
100(4")	102	180	220	110	R4	18	8	61.0	324	324	385	274	23	172	226	10

* 本尺表以PVC材質為基準 本表試壓值以PVC、PVDF材質為基準PP材質試壓值為本表試壓值之70%

The dimension table is calculably based on PVC material.
 ✱ The value of test pressure is calculably based on PVC PVDF materials.
 The value of test pressute for PP material is 70% based on this table.