

3PC BALL VALVE

Tri-Clamp Ends · Full Port

Model CW BV-3TC | ALFAMATIC

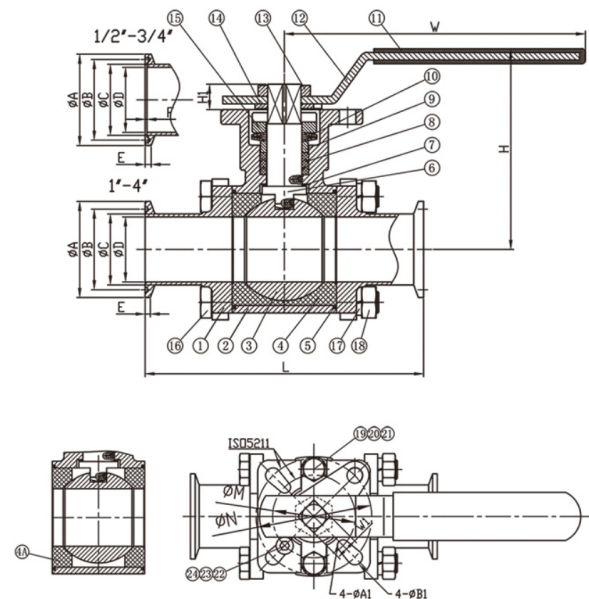
FEATURES

1. Pressure: 1/2"-2" 1000 PSI; 2-1/2"-4" 600 PSI
2. Temperature: -20°C to +180°C
3. Investment cast construction
4. Full port; adjustable gland
5. ISO 5211 mounting pad
6. Body: ASTM A351 CF8 / CF8M
7. Clamp standard: ASME BPE
8. Inspection: API 598; design: ASME B16.34



MATERIALS

Item	Description	Q'ty	Material
1	End Cap	2	CF8/CF8M
2	Body	1	CF8/CF8M
3	Ball	1	SUS304/SUS316
4	Cavity Seat	2	PTFE
4A	Regular Seat	2	PTFE/RPTFE
5	Body Seal	2	PTFE
6	Stem With Anti-Static Ball	1	SUS304/SUS316
7	Thrust Washer	1	PTFE
8	Stem Packing	1	PTFE/TFM1600
9	Hold-down Ring	1	SUS304
10	Belleville Washer	2	SUS304
11	Handle Sleeve	1	PVC
12	Handle	1	SUS304
13	Stem Nut	1	SUS304
14	Lock Device	1	SUS304
15	Gland Flange	1	CF8
16	Body Bolts	4/6	SUS304
17	Spring Washer	4/6	SUS304
18	Body Nut	4/6	SUS304
19	Gland Bolts	2	SUS304
20	Spring Washer	2	SUS304
21	Gland Nut	2	SUS304
22	Positioning Bolt	1	SUS304
23	Little Washer	1	SUS304
24	Nut	1	SUS304



DIMENSIONS (mm)

Size	L	A	B	C	D	E	F	H	W	ISO5211	M	N	A1	B1	H1	W1
1/2"	109.2	25	20.32	12.7	9.4	3.63	0.8	77	141	F03-F05	36	50	6	7	9.5	9
3/4"	119.4	25	20.32	19.05	15.75	3.63	0.8	80	141	F03-F05	36	50	6	7	9.5	9
1"	124.5	50.4	43.64	25.4	22.1	2.84		93.5	162	F04-F05	42	50	6	7	11.5	11
1-1/2"	142.2	50.4	43.64	38.1	34.8	2.84		115	188	F05-F07	50	70	7	9	16	14
2"	162.6	63.9	56.34	50.8	47.5	2.84		124	188	F05-F07	50	70	7	9	16	14
2-1/2"	198.1	77.4	70.64	63.5	60.2	2.84		158.5	233	F07-F10	70	102	9	11	19	17
3"	228.6	90.9	83.34	76.2	72.9	2.84		167.5	233	F07-F10	70	102	9	11	19	17
4"	243.8	118.9	110.34	101.6	97.4	2.84		188.5	330	F10-F12	102	125	11	13	24	22