

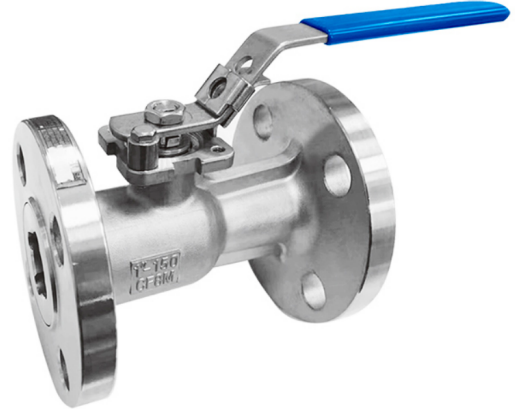
1PC BALL VALVE

Flanged · Full Port · ISO 5211 Mounting Pad

Model CW BV-1FA | ALFAMATIC

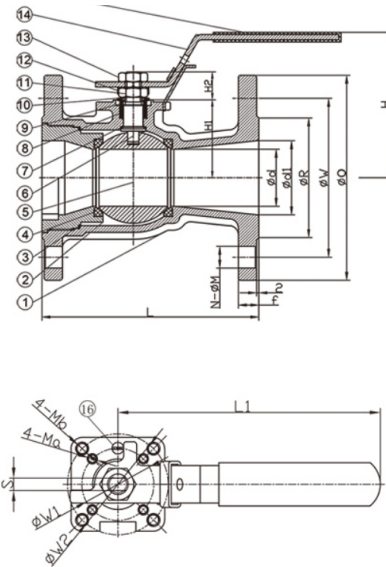
FEATURES

1. Pressure rating: ASME Class 150
2. Temperature range: -20°C to +180°C
3. Full port; investment cast construction
4. ISO 5211 mounting pad
5. Body material standard: ASTM A351 CF8 / CF8M
6. Inspection testing: API 598
7. Basic design: ASME B16.34
8. Flange standard: ASME B16.5



MATERIALS

Item	Description	Qty	Material
1	Body	1	CF8 / CF8M
2	Cap	1	CF8 / CF8M
3	Gasket	1	PTFE
4	Ball seat	2	PTFE / RPTFE
5	Ball	1	SUS304 / SUS316
6	Stem	1	SUS304 / SUS316
7	Thrust washer	1	PTFE
8	Gland packing	3	PTFE
9	Gland	1	SUS304
10	Belleville washer	2	SUS304
11	Gland nut	1	SUS304
12	Stop washer	1	SUS304
13	Handle nut	2	SUS304
14	Handle	1	SUS304
15	Plastic cover	1	Plastic
16	Stop pin	1	SUS304



DIMENSIONS (mm)

Size	d	d1	O	W	R	f	N-ØM	L	H	H1	H2	L1	S	W1	W2	Ma	Mb
1"	20	25	110	79.4	50.8	11.6	4-Ø16	127	94	39	17.5	120	11	42	50	M5	M6
1-1/4"	25	32	115	88.9	63.5	13.2	4-Ø16	140	103	48	17.5	120	11	42	50	M5	M6
1-1/2"	32	40	125	98.4	73	14.7	4-Ø16	165	111	53	26.5	182	14	50	70	M6	M8
2"	40	50	150	120.7	92.1	16.3	4-Ø19	178	121	62	26.5	182	14	50	70	M6	M8
2-1/2"	50	65	180	139.7	104.8	17.9	4-Ø19	190	127	68.5	26.5	182	17	70	102	M6	M8
3"	65	80	190	152.4	127	19.5	4-Ø19	203	175	89.5	44	250	17	70	102	M8	M10
4"	80	100	230	190.5	157.2	24.3	8-Ø19	229	186	101	44	250	22	102	125	M8	M10