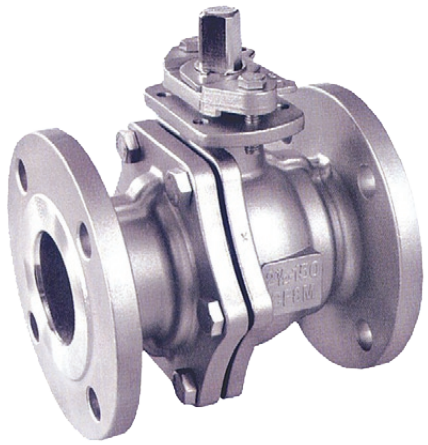
TWO-PIECE BALL VALVE BA32 Series

– ANSI 150LB Flange End – With Mounting Pad

Technical Data

- ISO 5211 Mounting Pad
- Blow-Out proof stem/full port
- Investment Casting Body
- Lever operated & Gear operated

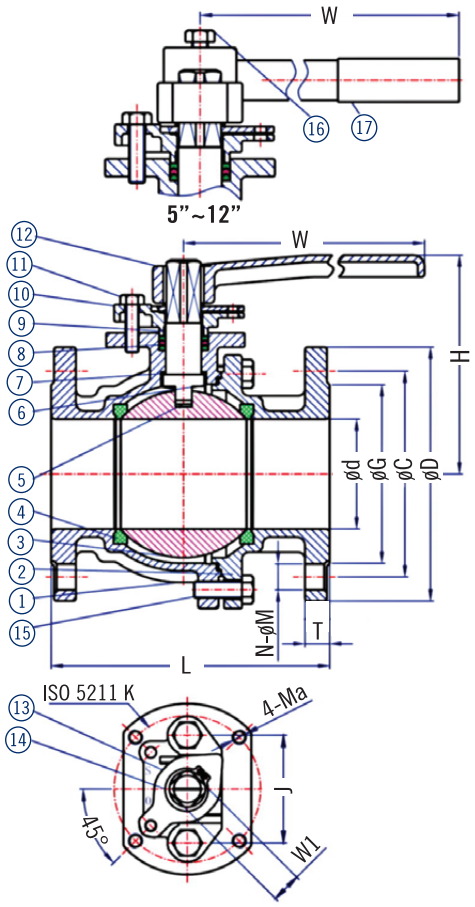
Face to Face Dimension: ANSI B16.10
End Flange Dimension: ANSI B16.5
Design: ANSI B16.34
Valves inspected and tested according to **API 598 standard**



Test Pressure

SHELL (by water)		450 psi
		32 kg/cm²
SEAT	BY WATER	315 psi
		22 kg/cm²
	BY AIR	85 psi
		6 kg/cm²

Dimensions



unit=mm

Size	d	D	C	G	T		N-øM	L	H	W	W1	J	ISO 5211	K	Ma	Max. TORQUE (Inch/Lbs)
					FC	SUS										
½"	15	89	60.5	35	12.1	12.1	4-ø16	108	70	160	12	50	F04	42	M5	124
¾"	20	98	70.0	43	12.7	12.1	4-ø16	117	73	160	12	50	F04	42	M5	159
1"	25	108	79.5	51	14.3	12.1	4-ø16	127	77	160	12	50	F05	50	M6	195
1¼"	32	117	89.5	64	14.9	12.7	4-ø16	140	85	160	12	50	F05	50	M6	221
1½"	40	127	98.5	73	17.5	14.3	4-ø16	165	104	186	17	62	F07	70	M8	257
2"	50	152	120.5	92	19.1	15.9	4-ø19	178	114	186	17	62	F07	70	M8	301
2½"	65	178	139.5	105	22.3	17.5	4-ø19	190	142	324	21	75	F07	70	M8	443
3"	80	190	152.5	127	23.9	19.1	4-ø19	203	153	324	21	75	F10	102	M10	664
4"	100	229	190.5	157	23.9	23.9	8-ø19	229	166	324	21	75	F10	102	M10	885
5"	125	254	216.0	186	23.9	23.9	8-ø22	356	224	750	24	89	F12	125	M12	1505
6"	150	279	241.5	216	25.4	25.4	8-ø22	394	247	750	24	89	F12	125	M12	2390
8"	200	343	298.5	270	28.6	28.6	8-ø22	457	305	1000	32	100	F12	125	M12	3363
10"	250	406	362.0	324	30.2	30.2	12-ø25	533	327	1000	32	100	F14	140	M16	4425
12"	300	483	432.0	381	31.8	31.8	12-ø25	610	355	1000	32	100	F14	140	M16	5753

Parts List & Material

Item	Parts Name	Material			
1	Body	FC20	WCB	CF8	CF8M
2	Cap	FC20	WCB	CF8	CF8M
3	Ball	CF8	CF8	CF8	CF8M
4	Seat	PTFE			
5	Stem	SS304	SS304	SS304	SS316
6	Gasket	PTFE			
7	Thrust Washer	PTFE			
8	Packing	PTFE			
9	Stem Packing	PTFE			

Item	Parts Name	Material
10	Gland	CF8
11	Gland Bolt	SS304
12	Handle	WCB
13	Stopper	SS304
14	Snap Ring	SS304
15	Bolt	SS304
16	Handle Bolt	SS304
17	Plastic Cover	Plastic

Ordering Information

BA32	Code	Material
	5	Cast Iron / A126 Gr–FC20
	6	Carbon Steel– WCB
	7	Stainless Steel 304 / A351 Gr–CF8
	8	Stainless Steel 316 / A351 Gr–CF8M

Code	Connection Size (Flange rating ANSI 150LB)
	(A) ½" (B) ¾" (C) 1" (D) 1¼" (E) 1½" (F) 2" (G) 2½"
	(H) 3" (I) 4" (J) 5" (K) 6" (L) 8" (M) 10" (N) 12"

BA32			Complete Ordering Code

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