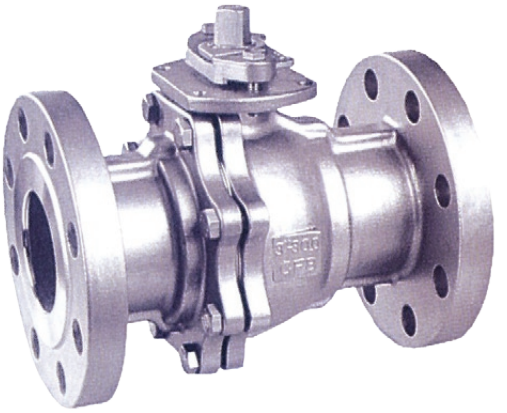
TWO-PIECE BALL VALVE BA33 Series

– ANSI 300LB Flange End – With Mounting Pad

Technical Data

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

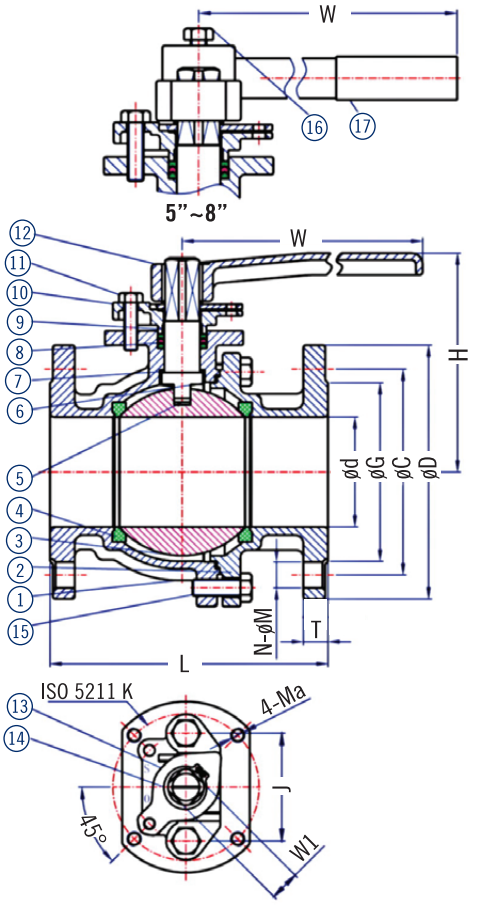
Face to Face Dimension: ANSI B16.10
End Flange Dimension: ANSI B16.5
Design: ANSI B16.34
Valves inspected and tested according to **API 598 standard**



Test Pressure

SHELL (by water)		1125 psi
		80 kg/cm²
SEAT	BY WATER	825 psi
		58 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)
½"	15	95	66.5	35	14.3	4-ø16	140	72	160	12	50	F04	42	M5	159
¾"	20	117	82.5	43	15.9	4-ø19	152	74	160	12	50	F04	42	M5	195
1"	25	124	89.0	51	17.5	4-ø19	165	82	160	12	50	F05	50	M6	230
1½"	40	156	114.5	73	20.7	4-ø22	190	104	186	17	62	F07	70	M8	283
2"	50	165	127.0	92	22.3	8-ø19	216	114	186	17	62	F07	70	M8	336
2½"	65	190	149.0	105	25.4	8-ø22	241	142	324	21	75	F07	70	M8	416
3"	80	210	168.0	127	28.6	8-ø22	283	155	324	21	75	F10	102	M10	513
4"	100	254	200.0	157	31.8	8-ø22	305	169	324	21	75	F10	102	M10	885
5"	125	279	235.0	186	35.0	8-ø22	381	224	750	24	89	F12	125	M12	1328
6"	150	318	270.0	216	36.6	12-ø22	403	247	750	24	89	F12	125	M12	2832
8"	200	381	330.0	270	41.3	12-ø25	502	305	1000	32	100	F12	125	M12	3540

Parts List & Material

Item	Parts Name	Material		
1	Body	WCB	CF8	CF8M
2	Cap	WCB	CF8	CF8M
3	Ball	CF8	CF8	CF8M
4	Seat	PTFE		
5	Stem	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

BA33	Code	Material
	4	Carbon Steel– WCB
	5	Stainless Steel 304 / A351 Gr–CF8
	6	Stainless Steel 316 / A351 Gr–CF8M

Code	Connection Size (Flange rating ANSI 300LB)
	(A) ½" **(B)** ¾" **(C)** 1" **(D)** 1½" **(E)** 2" **(F)** 2½"
	(G) 3" **(H)** 4" **(I)** 5" **(J)** 6" **(K)** 8"

BA33			Complete Ordering Code

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