

# 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

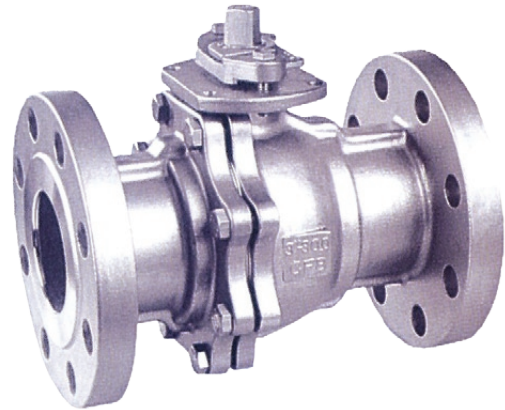
End Flange Dimension: ANSI B16.5

Design: ANSI B16.34

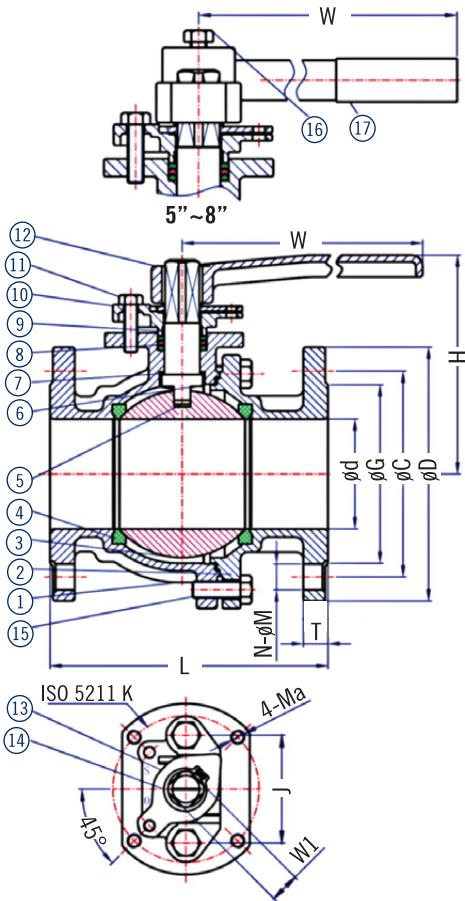
Valves inspected and tested according to API 598 standard

### Test Pressure

SHELL (by water)		1125 psi
		80 kg/cm <sup>2</sup>
SEAT	BY WATER	825 psi
		58 kg/cm <sup>2</sup>
	BY AIR	85 psi
		6 kg/cm <sup>2</sup>



### Dimensions



unit=mm

Size	d	D	C	G	T	N- $\phi$ M	L	H	W	W1	J	ISO 5211	K	Ma	Max. TORQUE (Inch/Lbs)
1/2"	15	95	66.5	35	14.3	4- $\phi$ 16	140	72	160	12	50	F04	42	M5	159
3/4"	20	117	82.5	43	15.9	4- $\phi$ 19	152	74	160	12	50	F04	42	M5	195
1"	25	124	89.0	51	17.5	4- $\phi$ 19	165	82	160	12	50	F05	50	M6	230
1 1/2"	40	156	114.5	73	20.7	4- $\phi$ 22	190	104	186	17	62	F07	70	M8	283
2"	50	165	127.0	92	22.3	8- $\phi$ 19	216	114	186	17	62	F07	70	M8	336
2 1/2"	65	190	149.0	105	25.4	8- $\phi$ 22	241	142	324	21	75	F07	70	M8	416
3"	80	210	168.0	127	28.6	8- $\phi$ 22	283	155	324	21	75	F10	102	M10	513
4"	100	254	200.0	157	31.8	8- $\phi$ 22	305	169	324	21	75	F10	102	M10	885
5"	125	279	235.0	186	35.0	8- $\phi$ 22	381	224	750	24	89	F12	125	M12	1328
6"	150	318	270.0	216	36.6	12- $\phi$ 22	403	247	750	24	89	F12	125	M12	2832
8"	200	381	330.0	270	41.3	12- $\phi$ 25	502	305	1000	32	100	F12	125	M12	3540

### Parts List & Material

Item	Parts Name	Material			Item	Parts Name	Material
1	Body	WCB	CF8	CF8M	10	Gland	CF8
2	Cap	WCB	CF8	CF8M	11	Gland Bolt	SS304
3	Ball	CF8	CF8	CF8M	12	Handle	WCB
4	Seat	PTFE			13	Stopper	SS304
5	Stem	SS304	SS304	SS316	14	Snap Ring	SS304
6	Gasket	PTFE			15	Bolt	SS304
7	Thrust Washer	PTFE			16	Handle Bolt	SS304
8	Packing	PTFE			17	Plastic Cover	Plastic
9	Stem Packing	PTFE					

### Ordering Information

BA33	Code	Material
	4	Carbon Steel– WCB
	5	Stainless Steel 304 / A351 Gr–CF8
	6	Stainless Steel 316 / A351 Gr–CF8M
	<b>Code</b>	<b>Connection Size (Flange rating ANSI 300LB)</b>
	(A) 1/2" (B) 3/4" (C) 1" (D) 1 1/2" (E) 2" (F) 2 1/2"	
	(G) 3" (H) 4" (I) 5" (J) 6" (K) 8"	

BA33 [ ] [ ] Complete Ordering Code