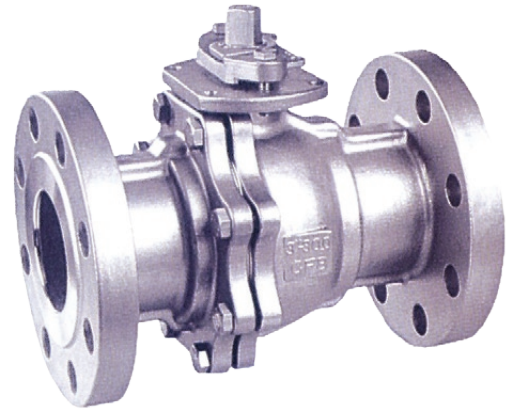


TWO-PIECE BALL VALVE BA33 Series

– ANSI 300LB Flange End – With Mounting Pad

Technical Data

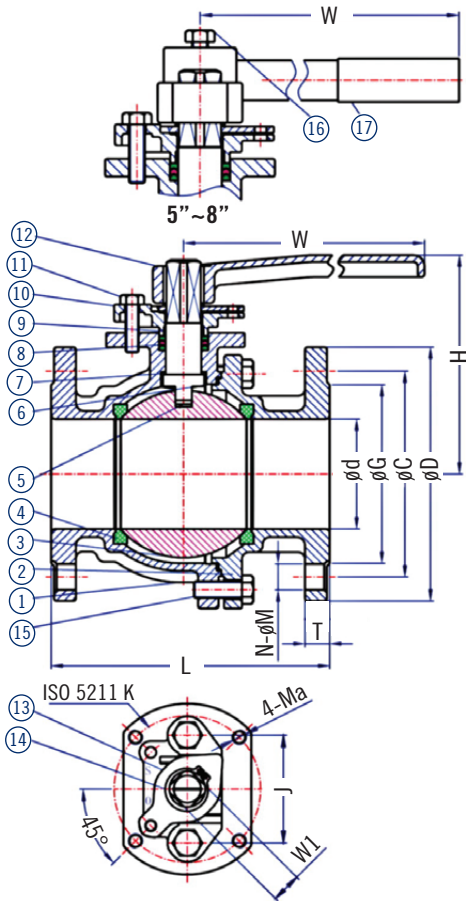
- ISO 5211 Mounting Pad
 - Blow-Out proof stem/full port
 - Investment Casting Body
 - Lever operated & Gear operated
- Face to Face Dimension: ANSI B16.10
 End Flange Dimension: ANSI B16.5
 Design: ANSI B16.34
 Valves inspected and tested according to API 598 standard



Test Pressure

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

Dimensions



unit=mm

Size	d	D	C	G	T	N-φM	L	H	W	W1	J	ISO 5211	K	Ma	Max. TORQUE (Inch/Lbs)
½"	15	95	66.5	35	14.3	4-φ16	140	72	160	12	50	F04	42	M5	159
¾"	20	117	82.5	43	15.9	4-φ19	152	74	160	12	50	F04	42	M5	195
1"	25	124	89.0	51	17.5	4-φ19	165	82	160	12	50	F05	50	M6	230
1½"	40	156	114.5	73	20.7	4-φ22	190	104	186	17	62	F07	70	M8	283
2"	50	165	127.0	92	22.3	8-φ19	216	114	186	17	62	F07	70	M8	336
2½"	65	190	149.0	105	25.4	8-φ22	241	142	324	21	75	F07	70	M8	416
3"	80	210	168.0	127	28.6	8-φ33	283	155	324	21	75	F10	102	M10	513
4"	100	254	200.0	157	31.8	8-φ33	305	169	324	21	75	F10	102	M10	885
5"	125	279	235.0	186	35.0	8-φ22	381	224	750	24	89	F12	125	M12	1328
6"	150	318	270.0	216	36.6	12-φ22	403	247	750	24	89	F12	125	M12	2832
8"	200	381	330.0	270	41.3	12-φ25	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
	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