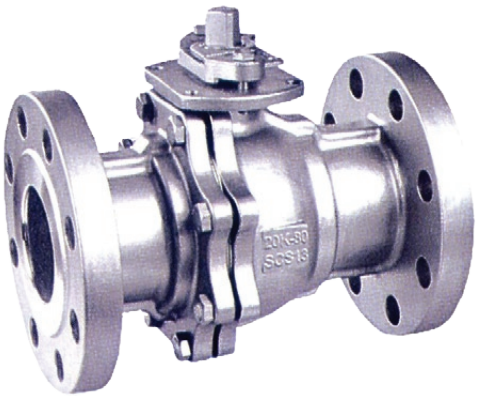
TWO-PIECE BALL VALVE BC33 Series

– JIS 20K Flange End – With Mounting Pad

Technical Data

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

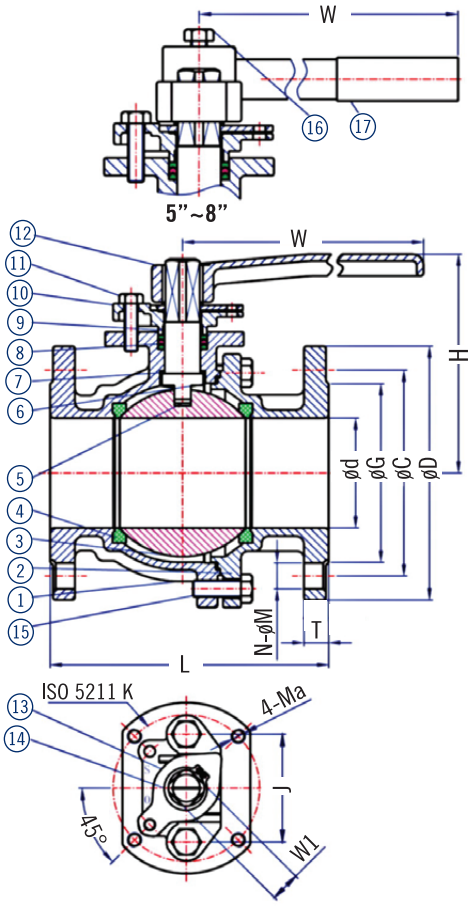
Face to Face Dimension: JIS B2002
End Flange Dimension: JIS B2220
Design: ANSI B16.34
Valves inspected and tested according to **JIS B2003 standard**



Test Pressure

SHELL (by water)		5.1 MPa
		52 kg/cm²
SEAT	BY WATER	3.8 MPa
		39 kg/cm²
	BY AIR	0.6 MPa
		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	70	51	14	4-ø15	140	72	160	12	50	F04	42	M5	159
¾"	20	100	75	56	16	4-ø15	152	74	160	12	50	F04	42	M5	195
1"	25	125	90	67	16	4-ø19	165	82	160	12	50	F05	50	M6	230
1½"	40	140	105	81	18	4-ø19	190	104	186	17	62	F07	70	M8	283
2"	50	155	120	96	18	8-ø19	216	114	186	17	62	F07	70	M8	336
2½"	65	175	140	116	20	8-ø19	241	142	324	21	75	F07	70	M8	416
3"	80	200	160	132	22	8-ø23	283	155	324	21	75	F10	102	M10	513
4"	100	225	185	160	24	8-ø23	305	169	324	21	75	F10	102	M10	885
5"	125	270	225	195	26	8-ø25	381	224	750	24	89	F12	125	M12	1328
6"	150	305	260	230	28	12-ø25	403	247	750	24	89	F12	125	M12	2832
8"	200	350	305	275	30	12-ø25	502	305	1000	32	100	F12	125	M12	3540

Parts List & Material

Item	Parts Name	Material		
1	Body	WCB	SCS13	SCS14
2	Cap	WCB	SCS13	SCS14
3	Ball	SCS13	SCS13	SCS14
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	SCS13
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

BC33	Code	Material
	1	Carbon Steel– WCB
	2	Stainless Steel 304 / SCS13
	3	Stainless Steel 316 / SCS14

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"

BC33			Complete Ordering Code

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