TWO-PIECE BALL VALVE BC32 Series

– JIS 10K Flange End – With Mounting Pad

Technical Data

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

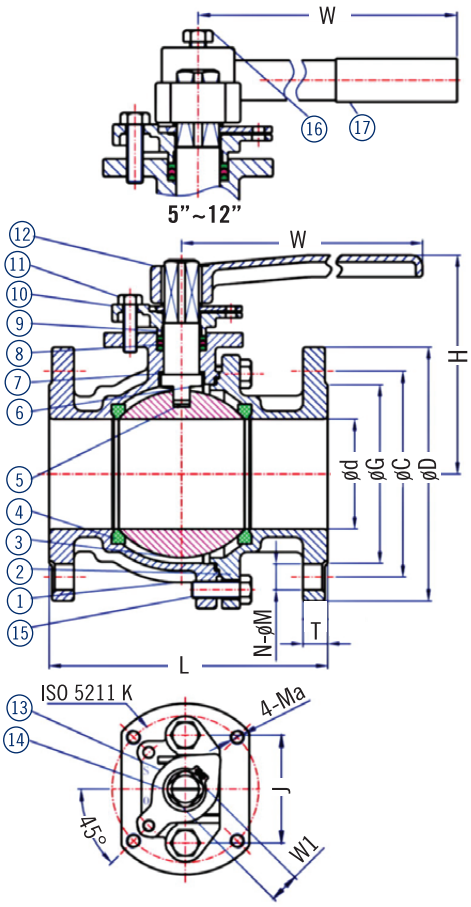
Face to Face Dimension: JIS B2002
End Flange Dimension: JIS B2220
Design: ANSI B16.34
Valves inspected and tested according to **JIS B2003 standard**



Test Pressure

SHELL (by water)		2.1 MPa
		21.5 kg/cm²
SEAT	BY WATER	1.6 MPa
		16.5 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)
					FC	SUS										
½"	15	95	70	51	16	12	4-ø15	110	70	160	12	50	F04	42	M5	124
¾"	20	100	75	56	18	14	4-ø15	120	73	160	12	50	F04	42	M5	159
1"	25	125	90	67	18	14	4-ø19	130	77	160	12	50	F05	50	M6	195
1¼"	32	135	100	76	20	16	4-ø19	140	85	160	12	50	F05	50	M6	221
1½"	40	140	105	81	20	16	4-ø19	165	104	186	17	62	F07	70	M8	257
2"	50	155	120	96	20	16	4-ø19	180	114	186	17	62	F07	70	M8	301
2½"	65	175	140	116	22	18	4-ø19	190	142	324	21	75	F07	70	M8	443
3"	80	185	150	126	22	18	8-ø19	200	153	324	21	75	F10	102	M10	664
4"	100	210	175	151	24	18	8-ø19	230	166	324	21	75	F10	102	M10	885
5"	125	250	210	182	24	20	8-ø23	300	224	750	24	89	F12	125	M12	1505
6"	150	280	240	212	26	22	8-ø23	340	247	750	24	89	F12	125	M12	2390
8"	200	330	290	262	26	22	12-ø23	450	305	1000	32	100	F12	125	M12	3363
10"	250	400	355	324	30	24	12-ø25	530	327	1000	32	100	F14	140	M16	4425
12"	300	445	400	368	32	24	16-ø25	610	355	1000	32	100	F14	140	M16	5753

Parts List & Material

Item	Parts Name	Material			
1	Body	FC20	WCB	SCS13	SCS14
2	Cap	FC20	WCB	SCS13	SCS14
3	Ball	SCS13	SCS13	SCS13	SCS14
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	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

BC32	Code	Material
	1	Cast Iron / A126 Gr–FC20
	2	Carbon Steel– WCB
	3	Stainless Steel 304 / SCS13
	4	Stainless Steel 316 / SCS14

Code	Connection Size (Flange rating JIS 10K)
	(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"

BCA32			Complete Ordering Code

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