

# 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

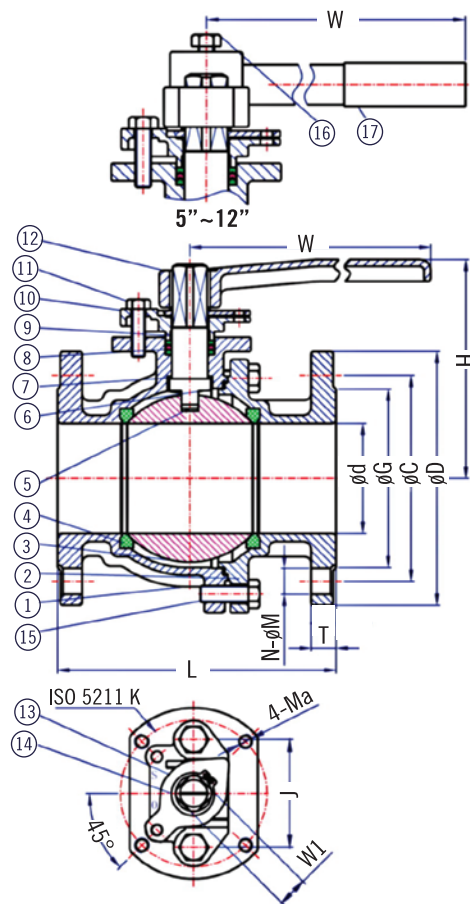
Valves inspected and tested according to JIS B2003 standard

### Test Pressure

SHELL (by water)		2.1 MPa
		21.5 kg/cm <sup>2</sup>
SEAT	BY WATER	1.6 MPa
		16.5 kg/cm <sup>2</sup>
	BY AIR	0.6 MPa
		6 kg/cm <sup>2</sup>



### 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										
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			
		FC20	WCB	SCS13	SCS14
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			
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
↓	<b>Code</b>	<b>Connection Size (Flange rating JIS 10K)</b>
		(A) 5" (B) 6" (C) 8" (D) 10" (E) 12"
BC32		Complete Ordering Code