

# TWO-PIECE BALL VALVE BA32 SERIES

## – ANSI 150LB 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

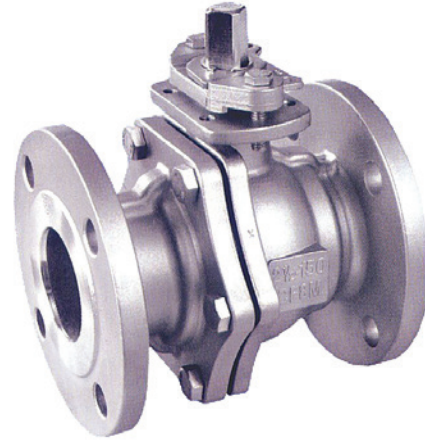
End Flange Dimension: ANSI B16.5

Design: ANSI B16.34

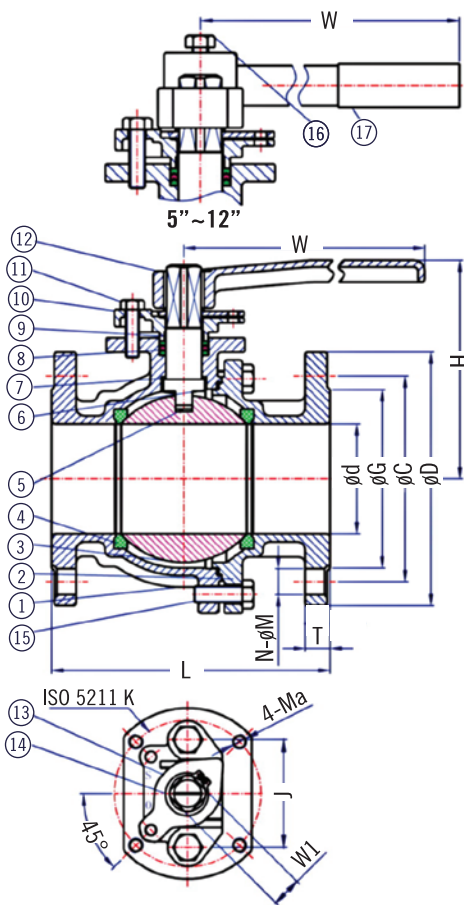
Valves inspected and tested according to API 598 standard

### Test Pressure

SHELL (by water)		450 psi
		32 kg/cm <sup>2</sup>
SEAT	BY WATER	315 psi
		22 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-øM	L	H	W	W1	J	ISO 5211	K	Ma	Max. TORQUE (Inch/Lbs)
					FC	SUS										
5"	125	254	216.0	186	23.9	23.9	8-ø22	356	224	750	24	89	F12	125	M12	1505
6"	150	279	241.5	216	25.4	25.4	8-ø22	394	247	750	24	89	F12	125	M12	2390
8"	200	343	298.5	270	28.6	28.6	8-ø22	457	305	1000	32	100	F12	125	M12	3363
10"	250	406	362.0	324	30.2	30.2	12-ø25	533	327	1000	32	100	F14	140	M16	4425
12"	300	483	432.0	381	31.8	31.8	12-ø25	610	355	1000	32	100	F14	140	M16	5753

### Parts List & Material

Item	Parts Name	Material			
1	Body	FC20	WCB	CF8	CF8M
2	Cap	FC20	WCB	CF8	CF8M
3	Ball	CF8	CF8	CF8	CF8M
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	CF8			
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

BA32	Code	Material
↓	5	Cast Iron / A126 Gr-FC20
	6	Carbon Steel- WCB
	7	Stainless Steel 304 / A351 Gr-CF8
	8	Stainless Steel 316 / A351 Gr-CF8M
↓	<b>Code</b>	<b>Connection Size (Flange rating ANSI 150LB)</b>
		(A) 5" (B) 6" (C) 8" (D) 10" (E) 12"
↓	↓	↓
<b>BA32</b>		<b>Complete Ordering Code</b>