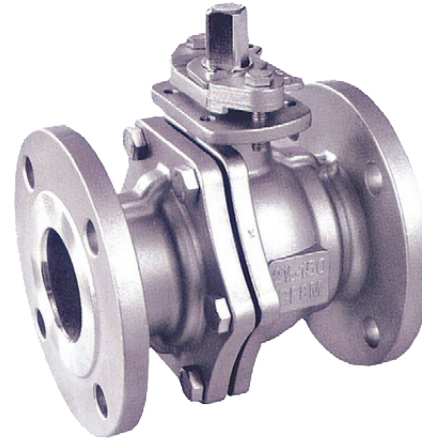


# TWO-PIECE BALL VALVE BA32 Series

## – ANSI 150LB Flange End – With Mounting Pad

### Technical Data

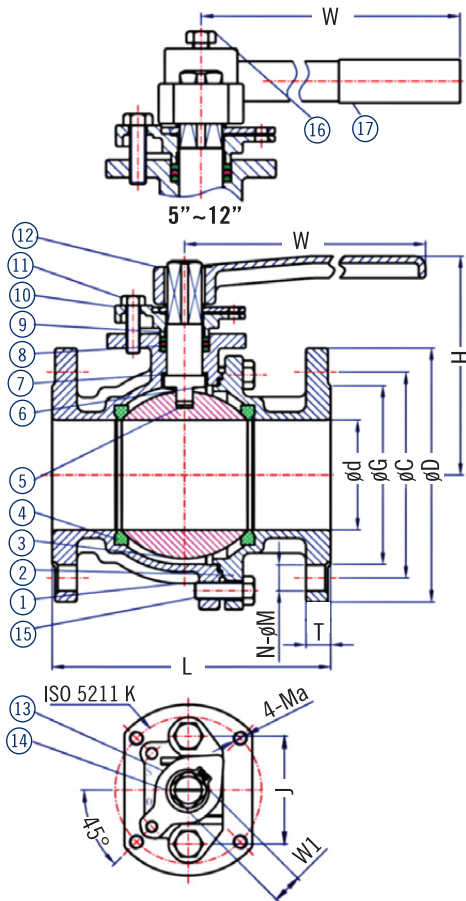
- ISO 5211 Mounting Pad
  - Blow-Out proof stem/full port
  - Investment Casting Body
  - Lever operated & Gear operated
- Face to Face Dimension: ANSI B16.10  
 End Flange Dimension: ANSI B16.5  
 Design: ANSI B16.34  
 Valves inspected and tested according to API 598 standard



### 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										
½"	15	89	60.5	35	12.1	12.1	4-ø16	108	70	160	12	50	F04	42	M5	124
¾"	20	98	70.0	43	12.7	12.1	4-ø16	117	73	160	12	50	F04	42	M5	159
1"	25	108	79.5	51	14.3	12.1	4-ø16	127	77	160	12	50	F05	50	M6	195
1¼"	32	117	89.5	64	14.9	12.7	4-ø16	140	85	160	12	50	F05	50	M6	221
1½"	40	127	98.5	73	17.5	14.3	4-ø16	165	104	186	17	62	F07	70	M8	257
2"	50	152	120.5	92	19.1	15.9	4-ø19	178	114	186	17	62	F07	70	M8	301
2½"	65	178	139.5	105	22.3	17.5	4-ø19	190	142	324	21	75	F07	70	M8	443
3"	80	190	152.5	127	23.9	19.1	4-ø19	203	153	324	21	75	F10	102	M10	664
4"	100	229	190.5	157	23.9	23.9	8-ø19	229	166	324	21	75	F10	102	M10	885
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				Item	Parts Name	Material
1	Body	FC20	WCB	CF8	CF8M	10	Gland	CF8
2	Cap	FC20	WCB	CF8	CF8M	11	Gland Bolt	SS304
3	Ball	CF8	CF8	CF8	CF8M	12	Handle	WCB
4	Seat	PTFE				13	Stopper	SS304
5	Stem	SS304	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

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) 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"	
BA32		Complete Ordering Code