

2-PIECE TANK BOTTOM FULL PORT BALL VALVE

Model : Series TB

ANSI CLASS 150

- **Body Material**
CF8M, CF8, WCB, DIN1.4408, DIN1.4308, DIN1.0619
- **Size Range**
1" - 4" (DN25~DN100)
- **Pressure Rating**
Class150, DIN PN16 available on request
- **End Connection**
RF flanged end connection with angle welding pad
- **Standards**
Basic design according to ANSI B16.34
- **Temperature Range**
-4°F to 350°F (-20°C to 180°C) with PTFE seats



Materials List:

NO.	PART NAME	MATERIALS
1	BODY	CF8M/CF8
2	CAP	CF8M/CF8
3	BALL	CF8M/CF8
4	SEAT	PTFE
5	STEM	SUS316/SUS304
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	GLAND PACKING	PTFE
9	STEM BUSHING	PTFE
10	GLAND	SCS13
11	GLAND BOLT	SUS304
12	HANDLE	FC
13	STOPPER	SUS304
14	SNAP RING	SUS304
15	BOLT	SUS304
16	FLANGE	CF8M/CF8
17	BOLT	SUS304
18	NUT	SUS304

Class 150 Dimensions (mm):

SIZE		d	L	L1	H	W	D	C	G	T	N	M	Q	K	J	N1	M1
IN	DN																
1"	25	25	118	33	105	160	108	80	51	11	4	16	135	100	55	4	M12
1-1/2"	40	40	125	33	125	230	127	99	73	14	4	16	155	120	72	4	M12
2"	50	50	133	33	167	230	152	121	92	16	4	19	175	140	90	6	M12
2-1/2"	65	65	143	38	154	350	178	140	105	18	4	19	195	160	102	6	M16
3"	80	80	149	46	196	305	190	153	127	19	4	19	250	210	140	6	M16
4"	100	100	168	51	210	350	229	191	157	24	8	19	280	240	166	6	M18

Valve Body Rating with Seat Material Plot :

