

# BALL VALVE

2-Piece Tank Bottom Full Port Ball Valve  
 CLASS 150, 1"~4"

**MODEL: KHD-TB**

» **Body Material**

ASTM CF8M, CF8, WCB  
 DIN 1.4408, 1.4308, 1.0619

» **Size Range**

1" - 4"

» **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**

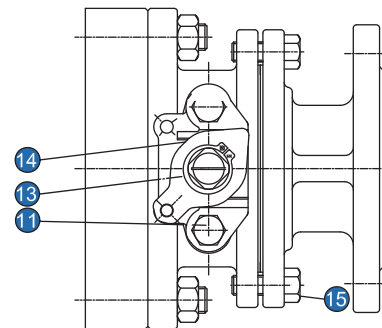
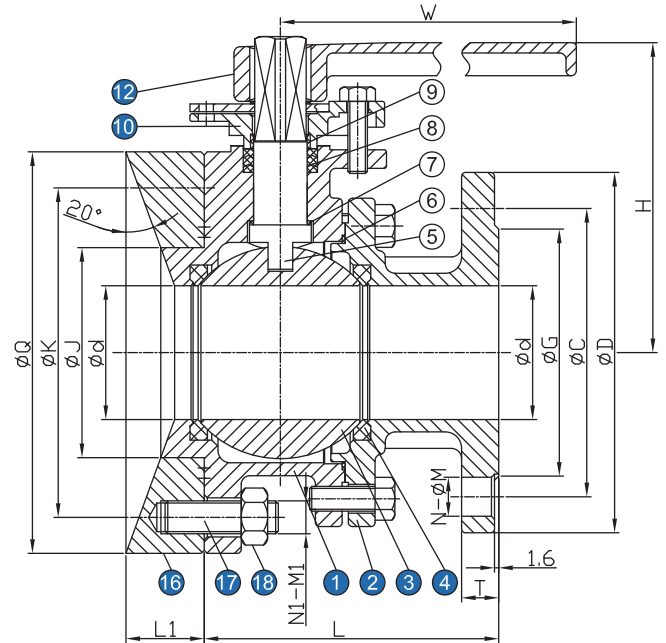
-4°F to 350°F (-20°C to 180°C) with PTFE seats

**Materials List:**

NO	PART NAME	MATERIAL
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

**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	79.5	51	11.1	4	16	135	100	55	4	M12
1½"	40	40	125	33	125	230	127	98.5	73	14.3	4	16	155	120	72	4	M12
2"	50	50	133	33	167	230	152	120.5	92	15.9	4	19	175	140	90	6	M12
2½"	65	65	143	38	154	350	178	139.5	105	17.5	4	19	195	160	102	6	M16
3"	80	80	149	46	196	305	190	152.5	127	19.1	4	19	250	210	140	6	M16
4"	100	100	168	51	210	350	229	190.5	157	23.9	8	19	280	240	166	6	M18



**Valve Body Rating with Seat Material Plot:**

