

BALL VALVE

Mounting Pad Flanged End Ball Valve - Reduced Port
CLASS 150, 1/2"~4"

MODEL: KHD-1F

» **Body Material**

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

» **Size Range**

1/2" - 4"

» **Pressure Rating**

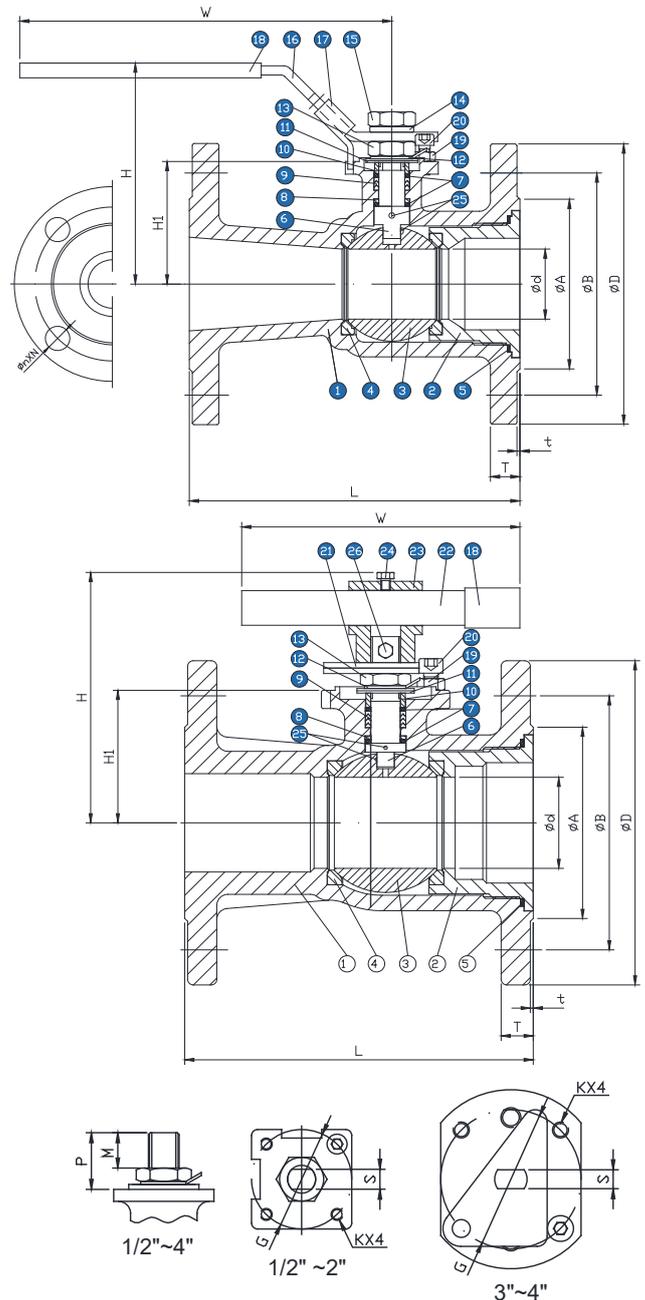
CLASS 150, 150 PSI for saturated steam

» **Standards**

Flanged end connection face to face
dimension according to B16.10
Flanged end face dimension according to B16.5

» **Temperature Range**

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



Materials List:

NO	PART NAME	MATERIAL
1	BODY	CF8M / WCB
2	CAP	CF8M / WCB
3	BALL	CF8M
4	BALL SEAT	PTFE
5	BODY SEAL	PTFE
6	STEM	SS316
7	THRUST WASHER	PTFE+50%SS
8	STEM SEAL	PTFE
9	STEM PACKING	PTFE
10	GLAND	SS304
11	BELLEVILLE WASHER	SS301
12	LOCK SADDLE	SS304
13	STEM NUT	SS304
14	HANDLE WASHER	1/2"-2": SS304
15	HANDLE NUT	1/2"-2": SS304
16	HANDLE	1/2"-2": SS304
17	LOCKING DEVICE	1/2"-2": SS304
18	HANDLE SLEEVE	VINYL
19	STOP NUT	SS304
20	STOP BOLT	SS304
21	TRIANGLE STOPPER	3"-4": SS304
22	HANDLE	3"-4": SS304
23	ADAPTER	3"-4": SS304
24	ADAPTER BOLT	3"-4": SS304
25	ANTI-STATIC DEVICE	SS316

Dimensions (mm):

SIZE		d	L	H	H1	W	D	B	A	T	t	S	P	M	G	K	N	n
IN	DN																	
1/2"	15	12.6	108	73	26.5	150	89	60.5	35	11.2	1.6	5	16	7.3	F03	M5	4	16
3/4"	20	15	117	82	39	145	98.6	70	43	11.2	1.6	6.3	16	10	F04	M5	4	16
1"	25	20	127	86	42.5	145	108	79.5	51	11.2	1.6	6.3	15	10.8	F04	M5	4	16
1 1/2"	40	32	165	106	56.5	185	127	98.5	73	14.2	1.6	8	24	15.8	F05	M6	4	16
2"	50	38	178	120	66.5	205	152.5	120.5	92	15.9	1.6	10	26	15	F05	M6	4	19
3"	80	63.5	203	170	93	405	190.5	152.5	127	19.1	1.6	17	46.5	23	F07	M8	4	19
4"	100	80	230	178	107.8	405	229	190.5	157	24	1.6	17	44.5	22	F07	M8	8	19

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Valve Body Rating with Seat Material Plot:

