

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

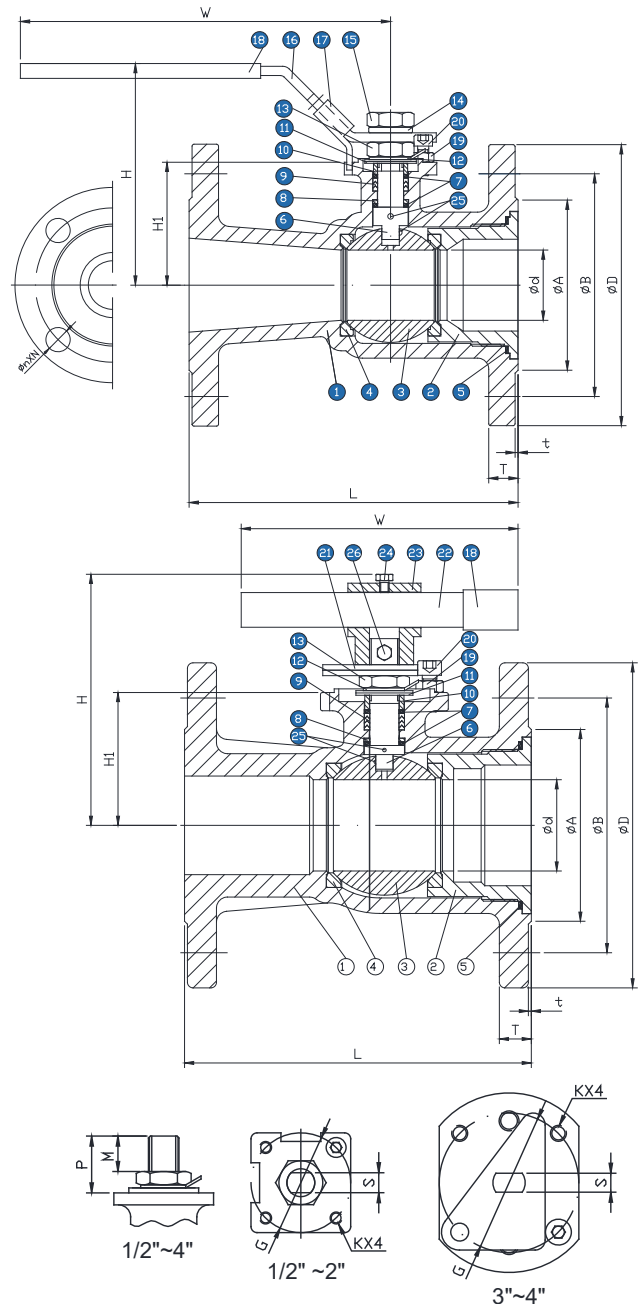
Flanged end connection face to face
 dimension according to B16.10
 Flanged end face dimension according to B16.5

» 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):

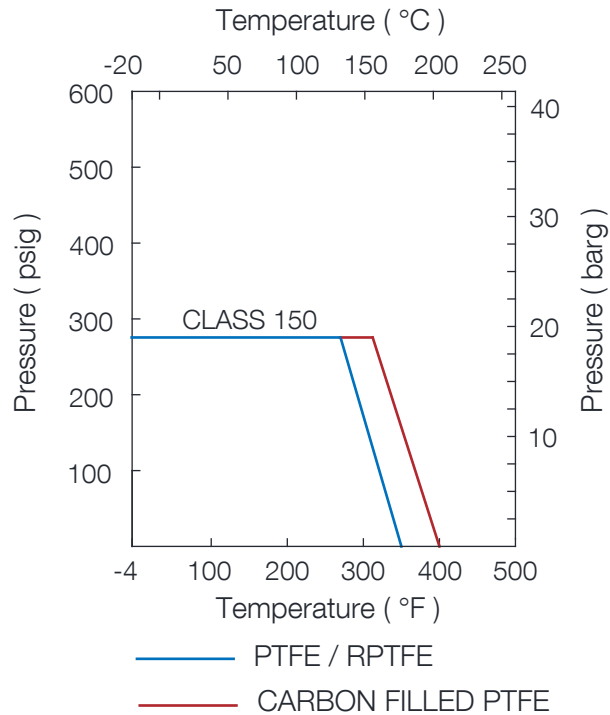
SIZE		d	L	H	H1	W	D	B	A	T	t	S	P	M	G	K	N	n
IN	DN																	
1/2"	15	12.6	108	73	26.5	150	89	60.5	35	11.2	1.6	5	16	7.3	F03	M5	4	16
3/4"	20	15	117	82	39	145	98.6	70	43	11.2	1.6	6.3	16	10	F04	M5	4	16
1"	25	20	127	86	42.5	145	108	79.5	51	11.2	1.6	6.3	15	10.8	F04	M5	4	16
1 1/2"	40	32	165	106	56.5	185	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:



All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
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