

BALL VALVE

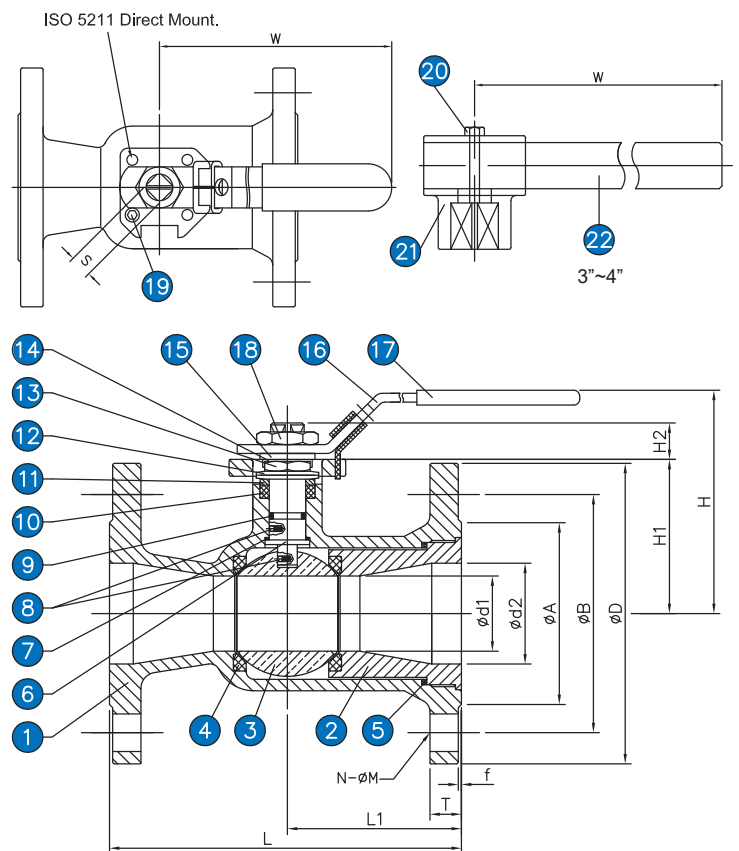
1-Piece Flange End Ball Valve - Reduced Port
CLASS 150, 1/2"~4"

MODEL: KHD-1DF

- » **Body Material**
ASTM CF8M, WCB
- » **Size Range**
1/2" - 4"
- » **Pressure Rating**
Class150, 150PSI Saturated steam
- » **End Connection**
Flanged RF
- » **Standards**
Flange acc. to ASME B16.5
Face-to-face acc. to ASME B16.10
- » **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	INSERT CAP	CF8M / WCB
3	BALL	SS316
4	BALL SEAT	PTFE
5	GASKET	PTFE
6	STEM	SS316
7	THRUST WASHER	RPTFE
8	ANTI-STATIC DEVICE	SS316
9	O-RING	VITON
10	STEM PACKING	PTFE
11	GLAND WASHER	SS304
12	BELLEVILLE WASHER	SS301
13	STEM NUT	SS304
14	LOCK SADDLE	SS304
15	HANDLE WASHER	SS304
16	HANDLE	SS304
17	HANDLE SLEEVE	PLASTIC
18	HANDLE NUT	SS304
19	STOP PIN	SS304
20	ADAPTOR BOLT	SS304
21	HANDLE ADAPTOR	CF8
22	ADAPTOR PIPE	STEEL PIPE



Dimensions (mm):

SIZE		d1	d2	L	L1	H	W	D	B	A	T	f	S	H1	H2	N	M	ISO 5211	Torque N.m
IN	DN																		
1/2"	15	12.5	15	108	48	80	130	89	60.5	35	11.5	1.6	9	48	11	4	16	F03/F04	6
3/4"	20	15	20	117	50	80	130	98	70	43	11.5	1.6	9	53	11	4	16	F03/F04	7
1"	25	20	25.4	127	55	82	130	108	79.5	51	11.5	1.6	9	55	11	4	16	F03/F04	10
1 1/2"	40	31.8	38.1	165	60	95	165	127	98.5	73	14.3	1.6	11	65	14	4	16	F05	18.5
2"	50	38.1	50.8	178	75	120	205	152	120.5	92	15.9	1.6	14	78	18	4	19	F05	30
3"	80	58	76.2	203	85	155	340	190	152.5	127	19.1	1.6	17	98	23	4	19	F07	95
4"	100	76	101.6	229	95	185	340	229	190.5	157	24	1.6	17	118	23	8	19	F07	132

Note: Torque measured at ambient temperature with no loading; safety factor is not included. Select size(s) may be under development, please consult with us for details.

BALL VALVE

1-Piece Flange End Ball Valve - Reduced Port
CLASS 150, DN6"~8"

MODEL: KHD-1DF

» Body Material

ASTM CF8M, WCB

» Size Range

6" - 8"

» Pressure Rating

Class150, 150PSI Saturated steam

» End Connection

Flanged RF

» Standards

Flange acc. to ASME B16.5

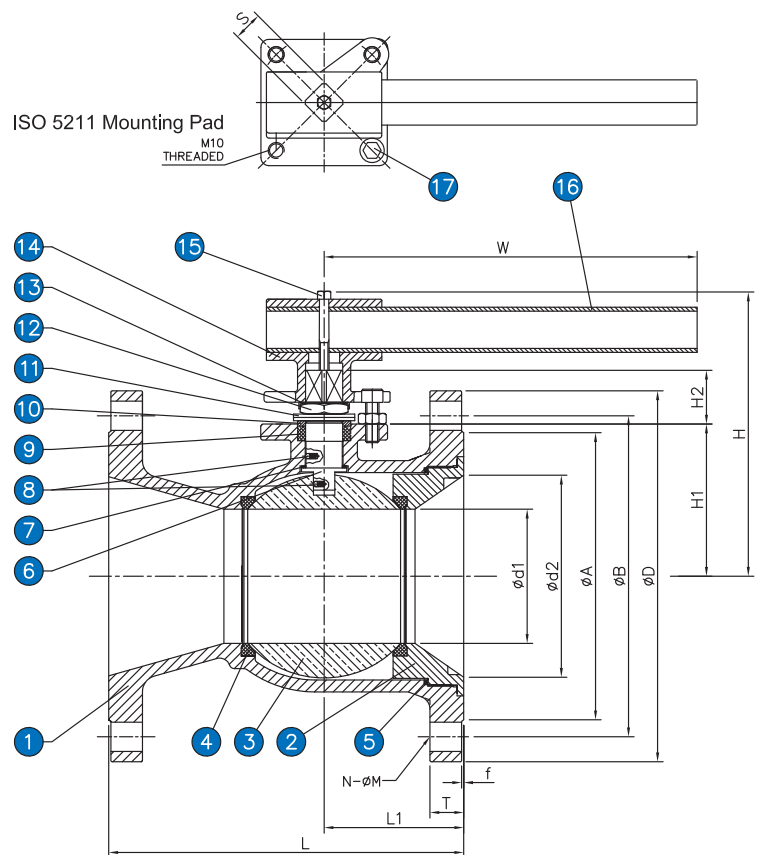
Face-to-face acc. to ASME B16.10

» 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	INSERT CAP	CF8M / WCB
3	BALL	SS316
4	BALL SEAT	PTFE
5	GASKET	PTFE
6	STEM	SS316
7	THRUST WASHER	RPTFE
8	ANTI-STATIC DEVICE	SS316
9	STEM PACKING	PTFE
10	GLAND WASHER	SS304
11	BELLEVILLE WASHER	SS301
12	STEM NUT	SS304
13	LOCK SADDLE	SS304
14	HANDLE ADAPTOR	CF8 / CAST IRON
15	ADAPTOR BOLT	SS304
16	HANDLE PIPE	STEEL PIPE
17	STOP PIN	SS304



Dimensions (mm):

SIZE		d1	d2	L	L1	H	W	D	B	A	T	f	S	H1	H2	N	M	ISO 5211	Torque N.m
IN	DN																		
6"	150	100	151	266.7	105	215	600	279	241.5	216	25.4	1.6	22	115	40	8	22	F07	138
8"	200	138	203	292.1	125	242	750	343	298.5	270	28.6	1.6	22	141	40	8	22	F07	252

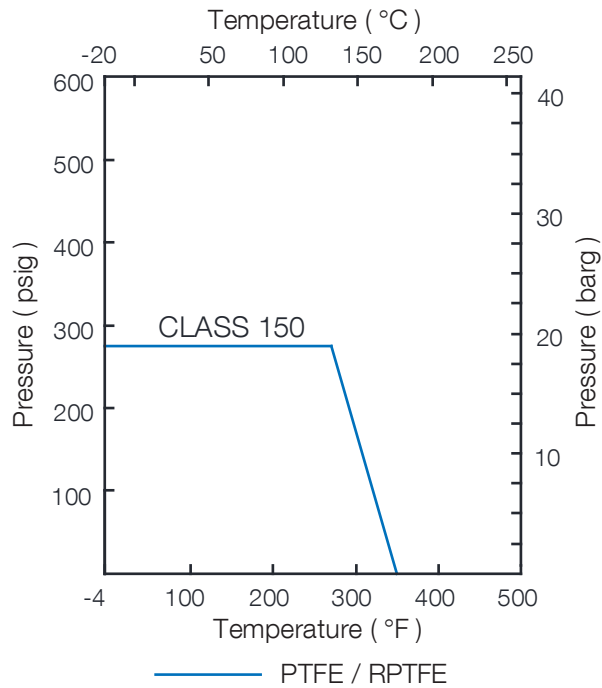
Note: Torque measured at ambient temperature with no loading;safety factor is not included.Select size(s) may be under development, please consult with us for details.

BALL VALVE

1-Piece Flange End Ball Valve - Reduced Port
CLASS 150

MODEL: KHD-1D

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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