

BALL VALVE

2-Piece Direct Mount Threaded Ball Valve
1000PSI, DN8~DN80

MODEL: KHD-25

» **Body Material**

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

» **Size Range**

1/4" - 3" (DN8~DN80)

» **Pressure Rating**

1000 psi

» **Standards**

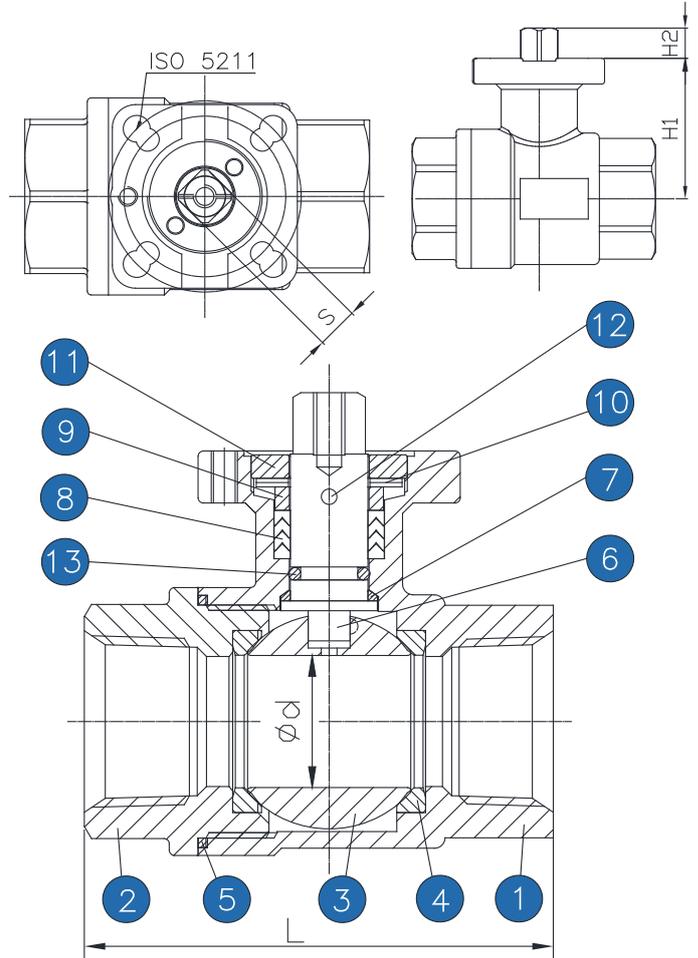
- Female pipe thread to NPT, DIN259/2999, or BS standards
- Inspection acc. to EN 12266-1

» **Temperature Range**

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

Materials List:

NO	PART NAME	MATERIAL
1	BODY	CF8M / 1.4408
2	CAP	CF8M / 1.4408
3	BALL	CF8M
4	BALL SEAT	PTFE
5	BODY SEAL	PTFE
6	STEM	SS316
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	GLAND	SS304
10	BELLEVILLE WASHER	SS301
11	DISC PLATE	SS304
12	ANTI-STATIC DEVICE	SS316
13	O-RING	VITON



Dimensions (mm):

SIZE		d	L	H1	H2	S	Cv	Kv	Weight kg	Torque N.m	ISO 5211
IN	DN										
1/4"	8	11.5	65	42	7	9	8	6.84	0.4	5	F03/F04
3/8"	10	12.6	65	42	7	9	10	8.55	0.4	5	F03/F04
1/2"	15	15	75	42	7	9	13	11.1	0.48	7	F03/F04
3/4"	20	20	80	45	8	9	50	42.7	0.56	9	F03/F04
1"	25	25	90	52	10	11	93	79.5	0.75	15	F04/F05
1 1/4"	32	32	110	57	10	11	170	145.3	1.48	18	F04/F05
1 1/2"	40	38	120	68	14	14	250	213.7	2.32	23	F05/F07
2"	50	50	140	77	14	14	450	384.6	3.8	32	F05/F07
2 1/2"	65	65	185	100	17	17	750	641	8	57	F07/F10
3"	80	80	205	111	17	17	1300	1111.1	11.5	73	F07/F10

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.

Valve Body Rating with Seat Material Plot:

