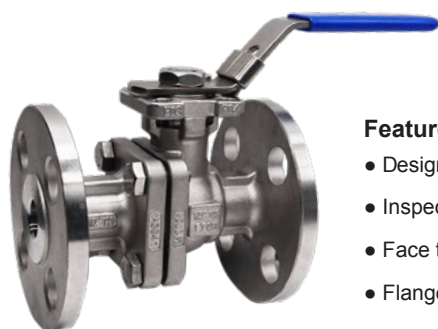


BALL VALVES

Type 502F150, ANSI, 1/2"-4"

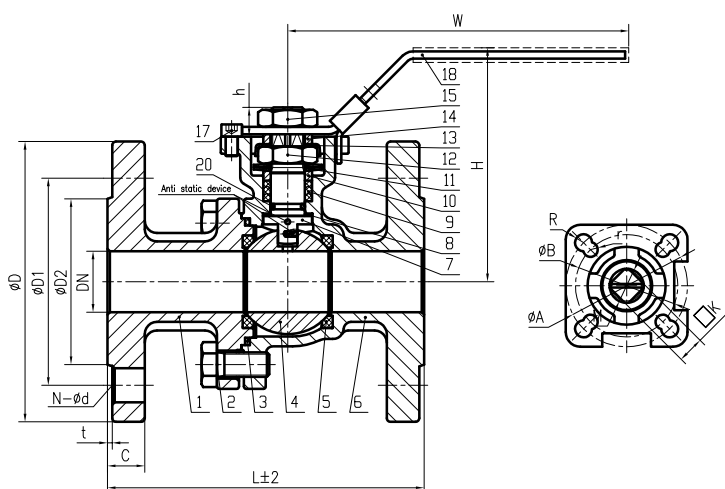


Two-piece ball valve, flange connection ISO5211 direct mounting pad



Feature and Specifications

- Design and manufacture : ASME B16.34
- Inspection and Test : API 598
- Face to face : ASME B16.10
- Flange dimensions : ASME B16.5

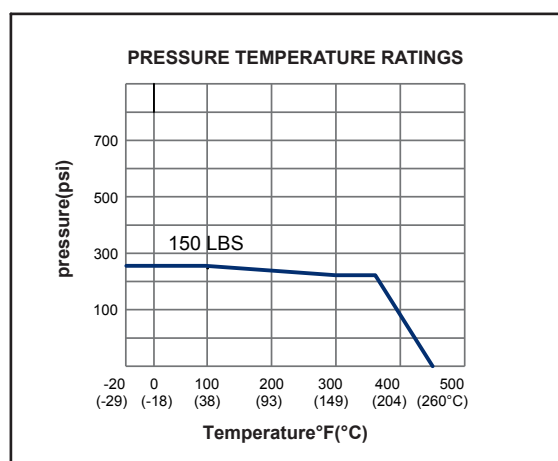


Standard Material Specifications

No.	Part Name	Materials
1	Bonnet	A351 CF8M
2	Bolt	SS304
3	Gasket	TFM1600
4	Ball	SS316
5	Seat	TFM1600
6	Body	A351 CF8M
7	Stem	SS316
8	Stem Washer	TFM1600
9	V-Ring Packing	TFM1600
10	Gland	SS304
11	Belleville Washer	SS301
12	Nut	SS304
13	Stop Lock Cap	SS304
14	Washer	SS304
15	Nut	SS304
16	Handle	SS304
17	Stop Bolt	SS304
18	O-Ring	VITON B

Size	DN	Torque(N.M)			
		6 bar	10 bar	16 bar	20 bar
1/2"	15	5	5	5	6
3/4"	20	6	6	6	7
1"	25	10	10	13	13
1-1/4"	32	13	15	17	19
1-1/2"	40	21	23	28	30
2"	50	25	29	32	35
2-1/2"	65	40	45	49	54
3"	80	65	72	81	88
4"	100	108	118	130	142

• Torque must be applied 1.3 times for common application and 1.5 times for viscous fluid.



Dimensions (mm)																	
Size	DN	L	D	D1	D2	t	C	N-Ød	H	W	A	B	R	r	K	h	M
1/2"	15	108	90	60.5	35	2	10	4-Ø16	75	110	42	36	3	3	9	10	M12
3/4"	20	117	100	70	43	2	11	4-Ø16	83	110	42	36	3	3	9	10	M12
1"	25	127	110	79.5	51	2	12	4-Ø16	90	150	50	42	3.5	3	11	12	M14
1-1/4"	32	140	115	89	63.5	2	13	4-Ø16	102	150	50	42	3.5	3	11	12	M14
1-1/2"	38	165	125	98.5	73	2	15	4-Ø16	114	190	70	50	4.5	3.5	14	15	M18
2"	50	178	150	120.5	92	2	16	4-Ø19	122	190	70	50	4.5	3.5	14	15	M18
2-1/2"	65	190	180	140	105	2	18	4-Ø19	168	300	70	50	4.5	3.5	14	15	M18
3"	76	203	190	152.5	127	2	19	4-Ø19	179	300	102	70	5.5	4.5	17	18	M22
4"	100	229	230	190.5	157	2	24	8-Ø19	197	300	102	70	5.5	4.5	17	18	M22