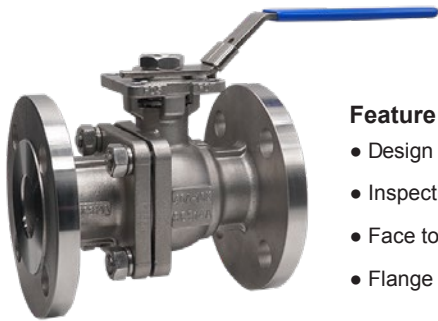


BALL VALVES

Type 502F10K, JIS, 1/2"-4"

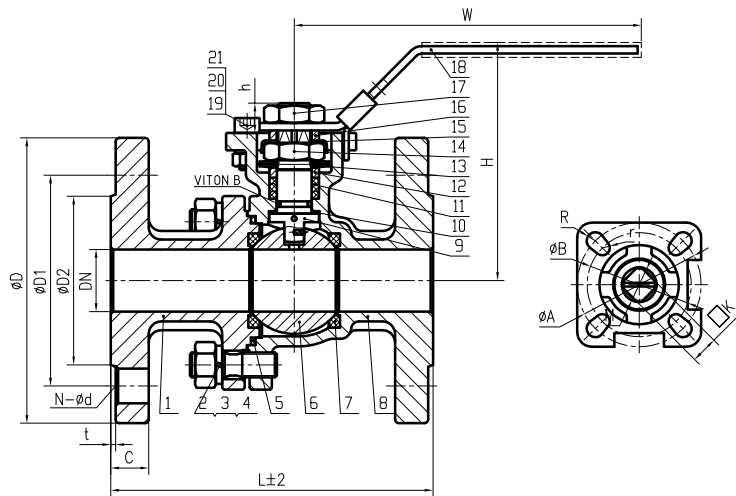


Two-piece ball valve, flange connection ISO5211 direct mounting pad



Feature and Specifications

- Design and manufacture : ASME B16.34
- Inspection and Test : JIS B2003
- Face to face : JIS B2002
- Flange dimensions : JIS B2212



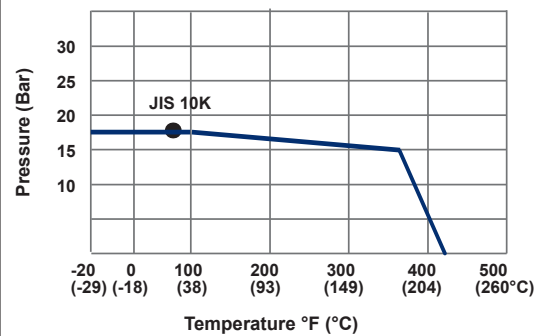
Standard Material Specifications

No.	Part Name	Materials
1	Bonnet	SCS14
2	Bolt	SUS304
3	Washer	SUS304
4	Nut	SUS304
5	Gasket	TFM1600
6	Ball	SUS316
7	Seat	TFM1600
8	Body	SCS14
9	Stem	SUS316
10	Stem Washer	TFM1600
11	V-Ring Packing	TFM1600
12	Gland	SUS304
13	Belleville Washer	SUS301
14	Nut	SUS304
15	Stop Lock Cap	SUS304
16	Washer	SUS304
17	Nut	SUS304
18	Handle	SUS304
19	Stop Bolt	SUS304
20	Washer	SUS304
21	Nut	SUS304

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	50	55
3"	80	65	75	85	90
4"	100	108	118	130	142

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

PRESSURE TEMPERATURE RATINGS



Dimensions (mm)

Size	DN	L	D	D1	D2	t	C	N-Ød	H	W	A	B	R	r	K	h	M
DN15	15	108	95	70	52	1	12	4-Ø15	75	110	42	36	3	3	9	10	M12
DN20	20	117	100	75	58	1	14	4-Ø15	83	110	42	36	3	3	9	10	M12
DN25	25	127	125	90	70	1	14	4-Ø19	90	150	50	42	3.5	3	11	12	M14
DN32	32	140	135	100	80	2	16	4-Ø19	102	150	50	42	3.5	3	11	12	M14
DN40	38	165	140	105	85	2	16	4-Ø19	114	190	70	50	4.5	3.5	14	15	M18
DN50	50	178	155	120	100	2	16	4-Ø19	122	190	70	50	4.5	3.5	14	15	M18
DN65	65	190	175	140	120	2	18	4-Ø19	168	300	70	50	4.5	3.5	14	15	M18
DN80	76	203	185	150	130	2	18	8-Ø19	179	300	102	70	5.5	4.5	17	18	M22
DN100	100	229	210	175	155	2	18	8-Ø19	197	300	102	70	5.5	4.5	17	18	M22