

**MODEL**  
**203AU1 / 203AJ1**  
**203AD1**

2-Piece Ball Valve  
Flanged



<b>Pressure Rating</b>	ANSI Class 150, JIS 10K, DIN PN16 (2 1/2"-6")
<b>Material</b>	ANSI Class 150: ASTM A351-CF8M JIS 10K: JIS G5121-SCS14A DIN PN16: EN10213-1.4408
<b>Seat</b>	TFM1600, 25%, 50%
<b>Bore Type</b>	Full bore
<b>Additional Features</b>	<ul style="list-style-type: none"> <li>Patent product</li> <li>Blow-out proof stem</li> <li>Anti-static device (ball-stem-body)</li> <li>Tightenable gland to stop leakage</li> <li>Fire safe design</li> <li>ISO5211 direct mounting pad</li> </ul>

**DESIGN AND TESTING SPECIFICATIONS**

	203AU1	203AJ1	203AD1
RATING	ASME B16.34	JIS B2220	EN12516-2
FACE TO FACE	ASME B16.10	JIS B2002	EN558-1
CONNECTION	ASME B16.50	JIS B2220	EN1092-1
PRESSURE TEST	API598	JIS B2003	EN12266-1

**MATERIALS LIST**

NO.	PART NAME	Q'TY	MATERIAL
1	BODY	1	CF8 / CF8M / WCB
2	END CAP	1	CF8 / CF8M / WCB
3	BALL	1	CF8 / CF8M
4	STEM	1	SUS316
5	BODY SEAT	2	TFM1600
6	PACKING	1	PTFE
7	STEM SEAL	1	R.PTFE
8	V-RING PACKING	1SET	PTFE
9	BUSHING	1	50%SS/50%PTFE
10	GLAND	1	SUS304
11	BOLT	2	SUS304
12	NUT	2	SUS304
13	HANDLE WASHER(1/2"-2")	1	SUS304
14	STEM WASHER(1/2"-2")	1	SUS304
15	BOLT(1/2"-2")&STUD(2 1/2"-6")	4~8	SUS304
16	NUT(2 1/2"-6")	6~8	SUS304
17	HANDLE(1/2"-2")	1	SUS304
18	HANDLE SLEEVE(1/2"-2")	1	VINYL
19	STOP PIN NUT	1	SUS304
20	STOP PIN	1	SUS304
21	HANDLE ADAPTOR(2 1/2"-6")	1	CF8
22	PIPE HANDLE(2 1/2"-6")	1	SUS304
23	HANDLE BOLT(1/2"-2")	1	SUS304
24	HANDLE BOLT(2 1/2"-6")	1	SUS304

**DIMENSIONS(mm)**

SIZE	A	W	X	H	□	L	Ød	Øg	ØC	ØD	t	f	Øh	N	S	S1	ISO 5211	
1/2"	10K	8	128	50.5	79.5	9	108	15	51	70	95	12.5	1	15				
	150LB						108	15	35	60.3	89	11.2	1.6	16	4	M5/5.5	M5/5.5	F03 F04
3/4"	10K	8	128	53.8	82.8	9	117	20	56	75	100	14.5	1	15				
	150LB						117	20	43	69.9	98.4	12.8	1.6	16	4	M5/5.5	M5/5.5	F03 F04
1"	10K	9.5	167	64.5	96.5	11	127	25	67	90	125	14.3	1	19				
	150LB						127	25	50.8	79.4	108	11.5	1.6	16	4	M5/5.5	M6/6.5	F04 F05
1 1/4"	10K	9.5	167	70	102	11	140	32	76	100	135	16	2	19				
	150LB						140	32	64	88.9	117	13.5	1.6	16	4	M5/5.5	M6/6.5	F04 F05
1 1/2"	10K	14	215	77	110	14	165	40	81	105	140	16.5	2	19				
	150LB						165	38	73	98.5	127	14.5	1.6	16	4	M6/6.5	M8/8.5	F05 F07
2"	10K	14	215	85.3	118	14	178	50	96	120	155	16.5	2	19				
	150LB						178	50	92	120.7	152.4	16.2	1.6	19	4	M6/6.5	M8/8.5	F05 F07
2 1/2"	10K	17	495	111.5	172	17	190	65	116	140	175	18.7	2	19				
	150LB						190	65	122	145	185	17.6	2.6	18	4	M8/9	M10/11	F07 F10
3"	10K	17	495	120.5	181	17	203	80	126	150	185	19	2	19	8			
	150LB						203	80	136.5	160	200	20	3	18	8	M8/9	M10/11	F07 F10
4"	10K	22	595	145	206	22	229	100	151	175	210	19	2	19	8			
	150LB						229	100	157.2	190.5	228.6	23.9	1.6	19	8	M10/11	-	F10
5"	10K	27	600	178.5	250	27	356	125	182.7	210	250	20	2	23	8			
	150LB						325	125	186.3	210	250	22	3	18	8	M12/13	M16/17	F12 F14
6"	10K	27	800	196	267	27	394	150	215	240	280	22	2	23	8			
	150LB						394	150	215.9	241.3	279	23	1.6	22.4	8	M12/13	M16/17	F12 F14

