

# SERIES 20

## MODEL 203AU2 / 203AJ2 203AD2

2-Piece Ball Valve  
Flanged

<b>Pressure Rating</b>	ANSI Class 300, JIS 20K, DIN PN40
<b>Material</b>	ANSI Class 300: ASTM A351-CF8M JIS 20K: JIS G5121-SCS14A DIN PN40: 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

	203AU2	203AJ2	203AD2
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	1 SET	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")	4~10	SUS304
16	NUT(2 1/2"-6")	6~10	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	H	H1	□	L	Ød	Øg	ØC	ØD	t	f	Øh	N	S	S1	ISO 5211
1/2"	20K					140	51	70	95	14	1	15					
	PN40	8	130	50.5	79.5	9	115	15	45	65	95	16	2	14	4	M5/5.5	M5/5.5
3/4"	20K					140	35	66.5	95	14.3	1.6	16					
	PN40	8	130	59.8	88.8	9	120	20	58	75	100	16	1	15	4	M5/5.5	M5/5.5
1"	20K					152	43	82.5	117	15.9	1.6	19					
	PN40	9.5	168	65	96.5	11	125	25	68	85	115	18	2	14	4	M5/5.5	M6/6.5
1 1/2"	20K					165	67	90	125	16	1	19					
	PN40	14	221	79	111.5	14	140	38	88	110	150	18	3	18	4	M6/6.5	M8/8.5
2"	20K					190	40	81	105	140	18	2	19	8			
	PN40	14	217	87.3	119.5	14	150	50	102	125	165	20	3	18	4	M6/6.5	M8/8.5
2 1/2"	20K					216	96	120	155	18	2	19	8				
	PN40	17	495	112.3	172	17	170	65	121.5	145	185	22	3	18	8	M8/9	M10/11
3"	20K					241	116	140	175	20	2	19					
	PN40	17	495	120.8	181	17	180	80	136.5	160	200	24	3	18	8	M8/9	M10/11
4"	20K					283	134.5	160	200	22	2	23					
	PN40	22	595	145.7	206	22	190	100	160.5	190	235	24	3	22	8	M10/11	-
5"	20K					305	157.2	200	254	31.8	1.6	22					
	PN40	27	600	178.5	250	27	325	125	188	220	270	26	3	26	8	M12/13	M16/17
6"	20K					381	194.2	225	270	26	2	25					
	PN40	27	800	197	268	27	350	150	218	250	300	28	3	26	8	M12/13	M16/17

