



DIMENSIONS UNIT:mm

NOMINAL SIZE	mm	in.	END FLANGE											APPROX. MASS (kg)	
			d	H	D1	L	D	BOLT SIZE	HOLE NO.	HOLE NO.	BOLT SIZE	g	t		f
15	15	1/2	15	102	130	108	95	70	4	15	M12	51	12	1	2.2
20	20	3/4	20	105	130	117	100	75	4	15	M12	56	14	1	2.6
25	25	1	25	124	160	127	125	90	4	19	M16	67	14	1	4.4
32	32	1.1/4	32	128	160	140	135	100	4	19	M16	76	16	2	5.8
40	40	1.1/2	40	115	230	165	140	105	4	19	M16	81	16	2	7.1
50	50	2	50	120	230	178	155	120	4	19	M16	96	16	2	9.0
65	65	2.1/2	65	155	400	190	175	140	4	19	M16	116	18	2	16
80	80	3	80	165	400	203	185	150	8	19	M16	126	18	2	19
100	100	4	100	200	460	229	210	175	8	19	M16	151	18	2	29
125	125	5	125	220	460	356	250	210	8	23	M20	182	20	2	51
150	150	6	150	295	1000	394	280	240	8	23	M20	212	22	2	74
200	200	8	200	355	1500	457	330	290	12	23	M20	262	22	2	106

NOTE (1) VALVE SIZE (mm) IDENTIFICATION.

NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS
				JIS SPEC.
1	BODY	1	STAINLESS STEEL	SCS13A
2	BODY CAP	1	STAINLESS STEEL	SCS13A
3	STEM	1	STAINLESS STEEL	SUS304
4	BALL	1	STAINLESS STEEL	SUS304 OR SCS13A
7	GLAND	1	STAINLESS STEEL	SCS13A
8	GLAND PACKING	1S	PTFE	
9	HANDLE	1	DUCTILE IRON	FCD400
9A	HANDLE BAR	1	CARBON STEEL	SGP
9B	HANDLE HEAD	1	DUCTILE IRON	FCD400
16A	NAME PLATE	1	ALUMINUM	A1050P
16B	WASHER	1	CARBON STEEL	SS400
19	GASKET	1	PTFE	
20	PACKING WASHER	1	STAINLESS STEEL	SUS316
30	BALL SEAT	2	HYPATITE PTFE	
33	CAP NUT	1S	STAINLESS STEEL	SUS304 (B)
35	CAP BOLT	1S	STAINLESS STEEL	SUS304 (BB)
36	GLAND BOLT	1S	STAINLESS STEEL	
47	THRUST WASHER	1	G/F PTFE	(SIZE 100& OVER)
48	SNAP RING	1	STAINLESS STEEL	SUS304
49	STOPPER	1	STAINLESS STEEL	SUS304
67	STEM BEARING	1	G/F PTFE	
123	HANDLE BOLT	1	CARBON STEEL	SS400
124A	SPRING & PIN	1S	STAINLESS STEEL	SUS316-WPA & SUS316 (SIZE 65& OVER)
124B	SPRING	1	STAINLESS STEEL	SUS316-WPA (UP TO SIZE 50)
			1S=1 SET	

STANDARD	FACE TO FACE OR END TO END		ASME B16.10 CLASS 150
	END CONNECTION		JIS B2220 10K
	WALL THICKNESS		ASME B16.34 CLASS 150
	PRESSURE TEST		KITZ STANDARD
FIGURE		1OUTBD	

**10K CAST STAINLESS STEEL  
BALL VALVES**

ANTI-STATIC DEVICE, FULL BORE, FLANGED ENDS.

DATE APPD	SEPT.02'09	DRAWING NO	△		
APPD BY	S. SANADA	965-A20031 REV-07	△		
CHKD BY	Y. OSADA		△		
DSGND BY	Y. ASAKAWA		△		
DRAWD BY	E. MATSUO		△		
			MARK	DATE	BY

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