



DIMENSIONS

UNIT:MM

NOMINAL SIZE		END FLANGE													
IN	MM	d	H	D1	L	D	BOLT HOLE			BOLT			g	t	f
							C	NO.	h	SIZE	g	t			
1/2	15	15	102	130	108	89	60.5	4	16	1/2	35	11.2	1.6		
3/4	20	20	105	130	117	98	70.0	4	16	1/2	43	11.2	1.6		
1	25	25	124	160	127	108	79.5	4	16	1/2	51	11.2	1.6		
1. 1/2	40	40	115	230	165	127	98.5	4	16	1/2	73	14.3	1.6		
2	50	50	120	230	178	152	120.5	4	19	5/8	92	15.9	1.6		
2. 1/2	65	65	155	400	190	178	139.5	4	19	5/8	105	17.5	1.6		
3	80	80	165	400	203	190	152.5	4	19	5/8	127	19.1	1.6		
4	100	100	200	460	229	229	190.5	8	19	5/8	157	23.9	1.6		
5	125	125	220	460	356	254	216.0	8	22	3/4	186	23.9	1.6		
6	150	150	295	1000	394	279	241.5	8	22	3/4	216	25.4	1.6		
8	200	200	355	1500	457	343	298.5	8	22	3/4	270	28.6	1.6		

NOTE (1) VALVE SIZE (INCH) IDENTIFICATION.

NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS ASTM SPEC.
1	BODY	1	STAINLESS STEEL	A351 Gr. CF8
2	BODY CAP	1	STAINLESS STEEL	A351 Gr. CF8
3	STEM	1	STAINLESS STEEL	A276 TYPE304
4	BALL	1	STAINLESS STEEL	A276 TYPE304 OR A351 Gr. CF8
7	GLAND	1	STAINLESS STEEL	A351 Gr. CF8
8	GLAND PACKING	1S	PTFE	
9	HANDLE	1	DUCTILE IRON	
9A	HANDLE BAR	1	CARBON STEEL	
9B	HANDLE HEAD	1	DUCTILE IRON	
16A	NAME PLATE	1	ALUMINUM	
16B	WASHER	1	CARBON STEEL	
19	GASKET	1	PTFE	
20	PACKING WASHER	1	STAINLESS STEEL	A276 TYPE316
30	BALL SEAT	2	HYPATITE PTFE	
33	CAP NUT	1S	STAINLESS STEEL	A194 Gr. 8
35	CAP BOLT	1S	STAINLESS STEEL	A193 Gr. B8
36	GLAND BOLT	1S	STAINLESS STEEL	A193 Gr. B8
47	THRUST WASHER	1	G/F PTFE	(SIZE 4 & OVER)
48	SNAP RING	1	STAINLESS STEEL	A276 TYPE304
49	STOPPER	1	STAINLESS STEEL	A276 TYPE304
67	STEM BEARING	1	G/F PTFE	
123	HANDLE BOLT	1	CARBON STEEL	
124A	SPRING & PIN	1S	STAINLESS STEEL	A313 & A276 TYPE316 (SIZE 2. 1/2 & OVER)
124B	SPRING	1	STAINLESS STEEL	A313 TYPE316 (UP TO SIZE 2)

1S=1 SET

TEST PRESSURE	SHELL		SEAT	
	HYDROSTATIC	425 psi		psi
AIR	psi		80 psi	

STANDARD	FACE TO FACE OR END TO END		ASME B16.10 CLASS 150	
	END CONNECTION		ASME B16.5	CLASS 150
	WALL THICKNESS		ASME B16.34 CLASS 150	

FIGURE 150UTB

CLASS 150 CAST STAINLESS STEEL

BALL VALVES

ANTI-STATIC DEVICE, FULL BORE, FLANGED ENDS.

DATE APPD	SEPT. 10 '99	DRAWING NO			
APPD BY	T. NAGANO				
CHKD BY	M. NAKAZAKI	965-B10006			
DSGND BY	H. HAYAKAWA				
DRAWD BY	Y. YASUKAGE	REV-01	MARK	DATE	BY

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