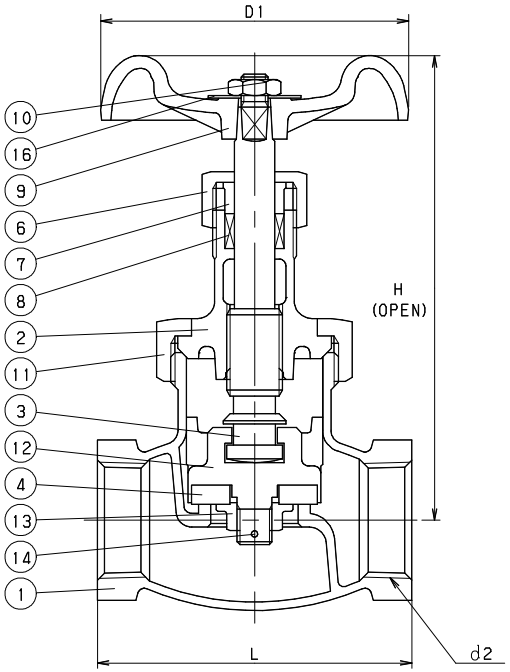
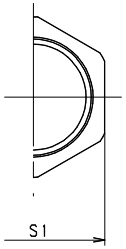
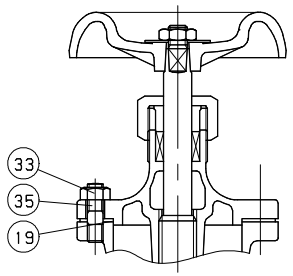
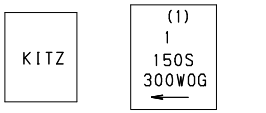






SIZE 2.1/2& OVER



ONE SIDE THE OTHER SIDE

MARKING ON THE BODY

DIMENSIONS. UNIT:MM

NOMINAL SIZE IN	d2	H	D1	L	S1		
1/4	NPT 1/4	109	60	53	19		
3/8	NPT 3/8	109	60	55	23		
1/2	NPT 1/2	116	70	64	27		
3/4	NPT 3/4	136	90	78	33		
1	NPT 1	149	100	90	41		
1.1/4	NPT 1.1/4	173	115	105	51		
1.1/2	NPT 1.1/2	182	115	120	58		
2	NPT 2	209	135	145	71		
2.1/2	NPT 2.1/2	247	155	170	88		
3	NPT 3	275	180	200	102		
4	NPT 4	298	225	245	130		

NOTE (1) VALVE SIZE(INCH) IDENTIFICATION.
(2) VALVES CONFORM TO THE REQUIRMENTS OF U.S.FEDERAL SPECCIFICATION WW-V-51 TYPE1, CLASS B.

NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS
				ASTM SPEC.
1	BODY	1	CAST BRONZE	B62
2	BONNET	1	CAST BRONZE	B62
3	STEM	1	CAST BRONZE	B62
4	DISC	1	G/F+PTFE	
6	PACKING NUT	1	FORGED BRASS	B283 C37700
7	GLAND	1	BRASS ROD	B16
8	GLAND PACKING	1S	ARAMID FIBER PTFE	
				(SIZE 1/4-2.1/2)
		1S	PTFE FIBER BRAID	
				(SIZE 3-4)
9	HAND WHEEL	1	ZINC DIE-CAST	B86
				(SIZE 1/4-1/2)
		1	ALUMINUM DIE-CAST	B85
				(SIZE 3/4-2.1/2)
		1	DUCTILE IRON	A536 Gr.60-40-18
				(SIZE 3-4)
10	WHEEL NUT	1	BRASS ROD	B16
11	BONNET RING	1	CAST BRONZE	B62 (SIZE 1/4-2)
12	DISC HOLDER	1	CAST BRONZE	B62
13	DISC NUT	1	BRASS ROD	B16
				(SIZE 1/4-3/4)
		1	FORGED BRASS	B283 C37700
				(SIZE 1-4)
14	SPILT PIN	1	COPPER	
16	NAME PLATE	1	ALUMINUM	
19	GASKET	1	ASBESTOS SHEET	
33	BONNET NUT	1S	BRASS ROD	B16
35	BONNET BOLT	1S	CARBON STEEL	A576 Gr.1045
			1S=1 SET	

TEST PRESSURE		SHELL	SEAT
	HYDROSTATIC	450 psi	300 psi
	AIR	psi	80 psi

STANDARD		
	FACE TO FACE OR END TO END	KITZ STANDARD
	END CONNECTION	ANSI B1.20.1
	WALL THICKNESS	KITZ STANDARD
FIGURE		AK150D

CLASS 150 CAST BRONZE
GLOBE VALVES

UNION BONNET, INSIDE SCREW, AND SCREWED ENDS.

DATE APPD	MAR. 1. 99	DRAWING NO	
APPD BY	K. NAITO	912-C20001	
CHKD BY	I. TAKANO		
DSGND BY	H. FUSEYA	REV-00	
DRAWD BY	K. NAKAYAMA		

MARK	DATE	BY

KITZ CORPORATION

KITZ