



(1)
1
300S
1000WOG

KITZ

ONE SIDE THE OTHER SIDE
MARKING ON THE BODY

DIMENSIONS. UNIT: mm

NOMINAL SIZE	d2	H	D1	L	S1
in.					
3/8	NPT 3/8	125	60	46	24
1/2	NPT 1/2	149	70	51	29
3/4	NPT 3/4	173	80	56	35
1	NPT 1	194	80	66	44
1. 1/4	NPT 1. 1/4	228	100	74	54
1. 1/2	NPT 1. 1/2	274	115	84	60
2	NPT 2	313	135	98	74

NOTE (1) VALVE SIZE (inch) IDENTIFICATION.
 (2) VALVES CONFORM TO THE REQUIREMENTS OF MSS SP-80.
 (3) FLEXIBLE GRAPHITE & ALUMINUM.

KITZ

NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS ASTM SPEC.
1	BODY	1	CAST BRONZE	B61
2	BONNET	1	CAST BRONZE	B61
3	STEM	1	CAST BRONZE	B62
4	DISC	1	COPPER-NICKEL ALLOY	B584 C97600
6	PACKING NUT	1	FORGED BRASS	B283 NO. C37700
7	GLAND	1	BRASS ROD	B16
8	GLAND PACKING	1	(3)	
9	HAND WHEEL	1	ZINC DIE-CAST	B86
		1	ALUMINUM DIE-CAST	B85
				(SIZE 3/8-1/2)
				(SIZE 3/4-2)
10	WHEEL NUT	1	BRASS ROD	
11	BONNET RING	1	CAST BRONZE	B61
16	NAME PLATE	1	ALUMINUM	

TEST PRESSURE	SHELL		SEAT	
	HYDROSTATIC	1500 psi	1000 psi	
AIR	psi	80 psi		

STANDARD	FACE TO FACE OR END TO END		KITZ STANDARD	
	END CONNECTION		ASME B1. 20. 1	
	WALL THICKNESS		KITZ STANDARD	

FIGURE AK300LU

CLASS 300 CAST BRONZE

GATE VALVES

UNION BONNET, INSIDE SCREW, AND SCREWED ENDS.

DATE APPD	OCT. 28. 99	DRAWING NO	△		
APPD BY	E. KASAHARA		△		
CHKD BY	Y. HASHIOKA	911-C90001	△		
DSGND BY	I. TAKANO		△		
DRAWD BY	K. NAKAYAMA	REV-01	△		
			MARK	DATE	BY

KITZ CORPORATION