

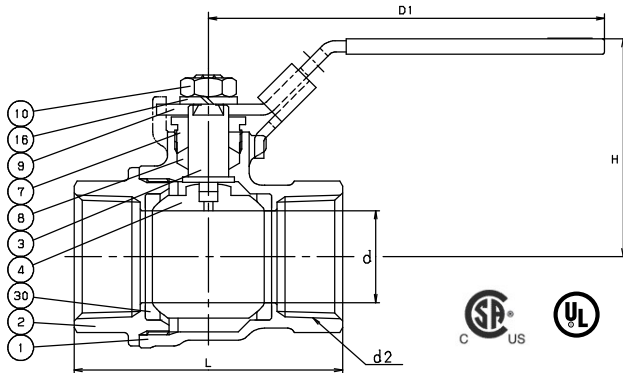
FORGED BRASS BALL VALVE

CHROME PLATED OR STAINLESS STEEL BALL

Two Piece Body • Full Port

Blowout Proof Stem • Chrome Plated / Vented Ball • PTFE Seats and Seals • Locking Lever Handle
CSA • UL

CODE # 68LL (AKTAFL)
THREADED



STANDARDS	
END TO END	KITZ
THREADED ENDS	ANSI B1.20.1
WALL THICKNESS	KITZ
CONFORMS TO MSS-SP 110	

PRESSURE/TEMPERATURE	
150 PSI @ 300°F	
600 PSI - NON-SHOCK COLD WATER, OIL OR GAS	

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-35

MATERIAL LIST		
NO.	NAME OF PART	SPECIFICATION
1	BODY	FORGED BRASS (B283, C37700)
2	BODY CAP	FORGED BRASS (B283, C37700)
3	STEM	(1) SPECIAL BRASS(KITZ K-METAL)
4	BALL	(2) FORGED BRASS (B283, C37700)
7	GLAND	BRASS ROD (B16)
8	GLAND PACKING	PTFE
9	HANDLE	(3) CARBON STEEL
10	HANDLE NUT (1/4" - 2 1/2")	CARBON STEEL
16	SPRING WASHER (3")	CARBON STEEL
16A	WASHER	CARBON STEEL
30	BALL SEATS	PTFE

NOTES: (1) ELECTROPLATED ZINC WITH PLASTIC COVERING
(2) CR. PLATING
(3) ELECTROPLATED ZINC WITH PLASTIC COVERING

CERTIFICATIONS:

CSA (US/C) -40°C~65°C (-40°F~149°F)
CGA 9.1b-2001/ANSI 21.15b-2006 - .5 PSI
CGA CR 91-002 - 2 PSI
ASME B16.44 - 5 PSI
CAN/CGA 3.16-M88 - 125 PSI
ASME B16.33-2002 - 125 PSI

UL-125, -842, -1769

DIMENSIONS • WEIGHTS • QUANTITIES										
	d2 SIZE	d	H	D1	L	L1	d1		APPROX. NET WT.	CARTON QTY
							Max.	Min.		
in.	1/4	0.39	1.54	3.23	1.61	-	-	-	48	120
mm.		9.9	39.1	82.0	40.9	-	-	-	21.8	
in.	3/8	0.39	1.54	3.23	1.65	1.05	.506	.502	48	120
mm.		9.9	39.1	82.0	41.9	26.7	12.852	12.751	21.8	
in.	1/2	0.59	1.65	3.23	2.09	1.13	.631	.627	52	96
mm.		14.0	41.9	82.0	53.1	28.7	16.027	15.926	23.6	
in.	3/4	0.79	2.01	3.94	2.36	1.37	.881	.877	50	60
mm.		20.1	51.1	100.1	59.9	34.8	22.4	22.3	22.7	
in.	1	0.98	2.32	5.12	2.83	1.64	1.132	1.128	51	36
mm.		24.9	58.9	130.0	71.9	41.7	28.8	28.7	23.2	
in.	1 1/4	1.26	2.52	5.12	3.23	2	1.382	1.378	50	24
mm.		32.0	64.0	130.0	82.0	50.8	35.1	35.0	22.7	
in.	1 1/2	1.57	2.87	5.91	3.62	2.35	1.633	1.628	54	16
mm.		39.9	72.9	150.1	91.9	59.7	41.5	41.4	24.5	
in.	2	1.97	3.15	5.91	4.13	2.83	2.133	2.128	72	16
mm.		50.0	80.0	150.1	104.9	71.9	54.2	54.1	32.7	