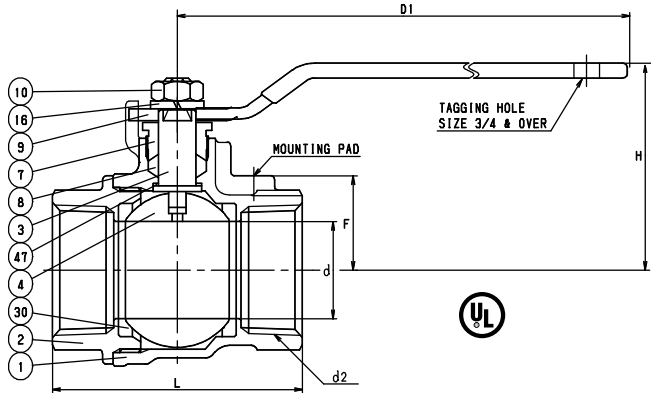


FORGED BRASS/CAST BRONZE BALL VALVE

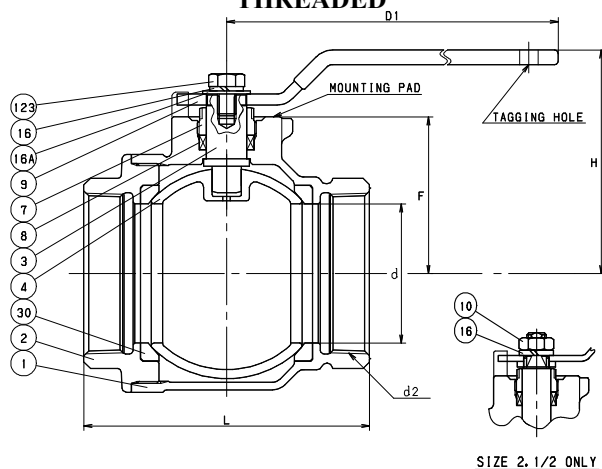
MOUNTING PAD

Two Piece Body • Full Port • Chrome Plated Ball
 Blowout Proof Stem • PTFE Seats and Seals
 UL (1/4" - 2")

CODE # 68P (AKTAFP) THREADED



CODE # 68P (AKTAFP) 2 1/2" - 4" THREADED

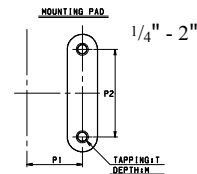
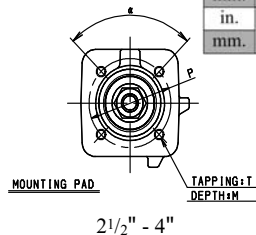


SPECIFICATION

Approved valve shall have two piece forged brass or cast bronze body with mounting pad, blowout proof stem, PTFE seats/seals, chrome plated ball, and full port design. Valve sizes 1/4" - 2" shall be pressure rated to 150 WSP/600 WOG, conform to MSS-SP 110 and UL certified. Valve sizes 2 1/2" - 4" shall be pressure rated to 150 WSP/400 WOG and conform to MSS-SP 110.

KITZ Code No. 68P (AKTAFP) Threaded Ends

CERTIFICATIONS:
 UL-125, -842, -1769



T - 10-24 UNC (1/4" - 1")
 T - 1/4-20 UNC (1 1/4" - 2")
 T - 4-M6 (2 1/2" - 4")
 M - .35 (1 1/4", 2" - 4")
 M - .31 (1/4" - 1", 1 1/2", 2")

STANDARDS

END TO END KITZ
 END CONNECTION ASME B1.20.1
 WALL THICKNESS KITZ
 CONFORMS TO MSS-SP 110 - REPLACES US. FED
 SPEC. WWW-V-35B, TYPE II, CLASS A, STYLE 3

PRESSURE/TEMPERATURE

150 PSI - SATURATED STEAM TO 366°F
 600 PSI (1/4" - 2") - NON-SHOCK COLD WATER, OIL OR GAS
 400 PSI (2 1/2" - 4") - NON-SHOCK COLD WATER, OIL OR GAS

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-35

MATERIAL LIST

NO.	NAME OF PART	SPECIFICATION
1	BODY (2 1/2" - 4")	FORGED BRASS (B283, C37700) CAST BRONZE (B584, C84400)
2	BODY CAP (2 1/2" - 4")	FORGED BRASS (B283, C37700) CAST BRONZE (B584, C84400)
3	STEM	(1) SPECIAL BRASS (KITZ "K" METAL)
4	BALL (2 1/2" - 4")	FORGED BRASS (B283, C37700) (2) CAST BRONZE (B584, C84400)
7	GLAND	BRASS ROD (B16)
8	GLAND PACKING	PTFE
9	HANDLE	(3) CARBON STEEL
10	HANDLE NUT (2 1/2")	CARBON STEEL
16	SPRING WASHER	CARBON STEEL
16A	WASHER (3, 4")	CARBON STEEL
30	BALL SEAT	PTFE
123	HANDLE BOLT (3, 4")	CARBON STEEL

NOTES: (1) PROPRIETARY DEZINCIFICATION RESISTANT MATERIAL.
 (2) CR. PLATING
 (3) ELECTROPLATED ZINC WITH PLASTIC COVERING

DIMENSIONS • WEIGHTS • QUANTITIES

	d2 SIZE	d	H	D1	L	P1/P	P2	F	APPROX. NET WT.	CARTON QTY
in.	1/4	0.39	1.55	3.23	1.61	0.5	1.12	0.55	48	120
mm.		9.9	39.4	82.0	40.9	12.7	28.4	13.0	21.8	
in.	3/8	0.39	1.55	3.23	1.65	0.5	1.12	0.55	49	120
mm.		9.9	39.4	82.0	41.9	12.7	28.4	13.0	22.3	
in.	1/2	0.59	1.67	3.23	2.09	0.5	1.12	0.72	52	96
mm.		14.0	42.4	82.0	53.1	12.7	28.4	18.3	23.6	
in.	3/4	0.79	2.03	3.94	2.36	0.87	1.37	0.75	50	60
mm.		20.1	51.6	100.1	59.9	22.1	34.8	19.1	22.7	
in.	1	0.98	2.34	5.12	2.83	0.87	1.37	0.94	51	36
mm.		24.9	59.4	130.0	71.9	22.1	34.8	23.9	23.2	
in.	1 1/4	1.26	2.54	5.12	3.23	0.93	1.5	1.26	50	24
mm.		32.0	64.5	130.0	82.0	22.1	38.1	32.0	22.7	
in.	1 1/2	1.57	2.91	5.91	3.62	0.93	1.5	1.46	54	16
mm.		39.9	73.9	150.1	91.9	23.6	38.1	37.1	24.5	
in.	2	1.97	3.19	5.91	4.13	0.93	1.5	1.77	72	16
mm.		50.0	81.0	150.1	104.9	23.6	38.1	44.0	32.7	
in.	2 1/2	2.56	4.29	7.87	5.31	1.97	-	2.95	17	2
mm.		65.0	109.0	199.9	134.9	50.0	-	74.9	7.7	
in.	3	2.99	4.84	11.81	6.14	1.97	-	3.37	26	2
mm.		75.9	122.9	299.0	155.0	50.0	-	85.6	11.8	
in.	4	3.94	5.55	11.81	7.56	1.97	-	4.06	44	2
mm.		100.1	141.0	299.0	192.0	50.0	-	103.1	20.0	