



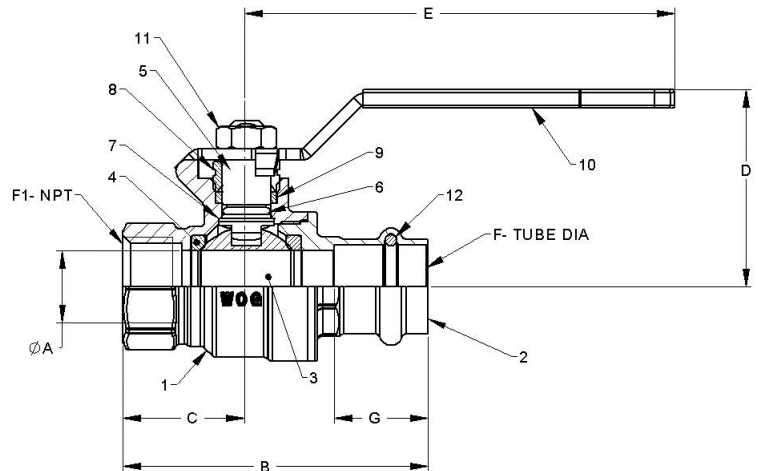
Brass Ball Valve Two-Piece, Full Port Press X Threaded Ends

BA-490B* 1/2" - 2"

200 PSIG @ 250° F

MATERIALS LIST			
ITEM	PART	MATERIAL	ASTM/SPEC
1	Body	Brass, Forged	B283
2	Tailpiece	Brass, Forged	B283
3	Ball	CP Brass Ball	B283
4	Ball Seat	PTFE	Commercial
5	Stem	Brass	B124
6	Stem O-Ring	Buna-N	D2000
7	Thrust Washer	PTFE	Commercial
8	Gland Nut	Brass	B124
9	Packing	PTFE	Commercial
10	Handle	Zinc Plated Steel	Commercial
11	Handle Nut	Zinc Plated Steel	Commercial
12	Tube O-Ring	EPDM	D2000 NSF61

*Ultra Press Valves are designed and qualified for use in copper tubing systems only, Types K, L, & M per ASTM B88.



DIMENSIONS							
Valve Size		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
		DN15	DN20	DN25	DN32	DN40	DN50
A	Inches	0.51	0.76	0.98	1.26	1.50	2.00
	mm	13	19	25	32	38	51
B	Inches	2.77	3.23	3.71	4.12	4.86	6.14
	mm	70	82	94	105	123	155.96
C	Inches	1.14	1.31	1.53	1.71	1.88	2.19
	mm	29	33	39	43	48	56
D	Inches	1.46	1.93	2.10	2.33	2.52	2.96
	mm	37	49	53	59	64	75
E	Inches	3.14	4.35	4.35	5.00	5.00	6.90
	mm	80	110	110	127	127	175
F TUBE DIA	Inches	0.63	0.88	1.13	1.38	1.63	2.13
	mm	15	20	25	32	40	50
F1 NPT	Inches	1/2"-14	3/4"-14	1"-11.5	1-1/4"-11.5	1-1/2"-11.5	2"-11.5
G	Inches	.83	1.00	1.00	1.02	1.42	1.57
	mm	21	25	25	26	36	40
Cv		18	40	72	112	161	287
TORQUE	in-lb	19	58	69	89	124	210
	N.m	2.1	6.5	7.8	10	14	24
WEIGHT	lbs	.48	.84	1.22	1.71	2.59	5.04
	grams	218	381	553	776	1175	2286

Rev. 4



The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and/or material specifications without notice. For the Installation, Operation and Maintenance Manual (IOM) see the engineering section on our website. For the most current information access www.milwaukeevalve.com

