

BA-480B* 1/2"-3"

**Brass Ball Valve
Two Piece
Full Port
200 psig @ 250°F†
Press x Press Ends
Blow-Out Proof Stem**



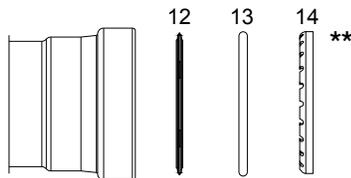
*Not intended for use in potable water.

MATERIALS LIST

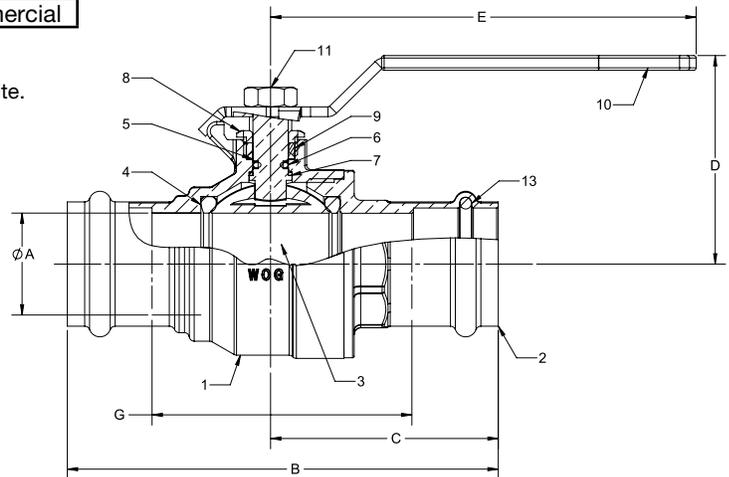
ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Brass, Forged	B283
2	Tailpiece	Brass, Forged	B283
3	Ball	CP Brass Ball	B283
4	Ball Seat	PTFE	Commercial
5	Stem	Brass	B124
6	Stem O-Ring	Buna-N	
7	Thrust Washer	PTFE	Commercial
8	Gland Nut	Brass	B124
9	Packing	PTFE	Commercial
10	Handle	Steel w/Zinc Plating	Commercial
11	Handle Nut	Steel w/Zinc Plating	Commercial
12	Tube O-Ring	EPDM	Commercial
13**	Backing Ring	Plastic	Commercial
14**	Gripping Ring	Stainless Steel	Commercial

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

**For Installation Instructions please see engineering section on website.



** 2 1/2" & 3" Requires XLC installation jaws.



DIMENSIONS

	UNITS	1/2" DN15	3/4" DN20	1" DN25	1-1/4" DN32	1-1/2" DN40	2" DN50	2-1/2" DN65	3" DN80
A	INCHES	0.51	0.76	0.98	1.26	1.50	2.01	2.48	2.95
	mm	13	19	25	32	38	51	63	75
B	INCHES	3.16	3.71	4.28	5.20	6.31	7.44	8.23	9.13
	mm	80	94	109	132	160	189	209	232
C	INCHES	1.63	1.92	2.18	2.75	3.40	3.96	4.33	4.80
	mm	41	49	55	70	86	101	110	122
D	INCHES	1.62	2.01	2.21	2.46	2.62	3.13	3.86	4.21
	mm	41	51	56	63	67	80	98	107
E	INCHES	3.15	4.33	4.33	5.12	5.12	6.89	7.87	7.87
	mm	80	110	110	130	130	175	200	200
G	INCHES	1.52	1.73	2.31	3.16	3.49	4.28	3.98	4.76
	mm	39	44	59	80	89	109	101	121
Cv		18	40	72	112	161	287	448	645

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⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.

OPTIONS

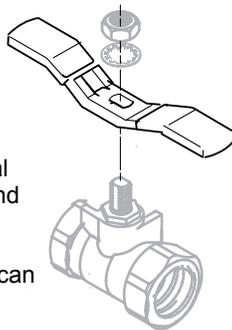
8201/8211
8901/8911
BA480B/BA490B

02 Memory Stop

The "02" Memory Stop provides an adjustable stop when the valve is used in a balancing application. The memory stop can be set to any preset opening point.

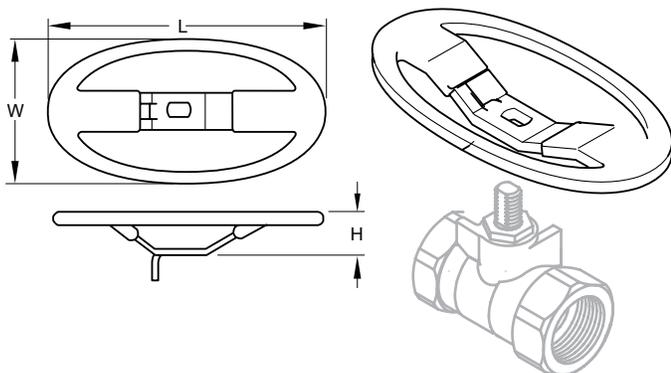
03 Tee Handle

Tee handles offer the same installation space savings as oval handles, with a slightly shorter end to end dimension. Tee handles require more handle force to operate, so accidental openings can be reduced.



04 Oval Handle

Oval handles can be installed where a standard lever handle might encounter interference from adjoining piping. Oval handles can also prevent accidental valve operations, since they have less projection than a lever handle, and require more turning force to operate.



06 Extension Handle With Memory Stop

The "06" stem extension is simple and effective design. This option is designed for installations where pipe insulation would make standard handles inoperable.

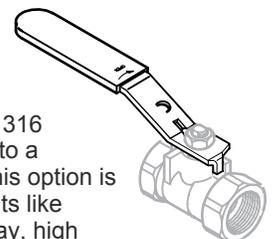


07 Locking Lever Handle



08 Stainless Steel Handle

The "08" handle option adds a 316 stainless steel handle and nut to a standard bronze ball valve. This option is intended for harsh environments like areas subject to salt water spray, high humidity, cleaning chemicals, etc.



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