



**Brass Ball Valve For Potable Water**  
**Two Piece**  
**Full Port**  
**200 psig @ 250°F†**  
**Press x 3/4" Hose End**  
**Dust Cap and Chain**  
**Blow-Out Proof Stem**

# UPBA-480SH\* 1/2" & 3/4"



## MATERIALS LIST

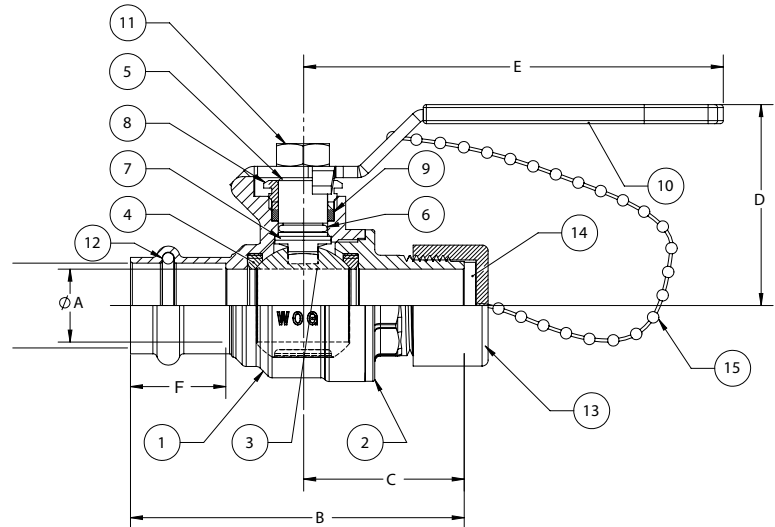
ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Brass, Forged	B283 C27450
2	Tailpiece	Brass, Forged	B283 C27450
3	Ball	316 Stainless Steel	A276 S31600
4	Ball Seat	PTFE	Commercial
5	Stem	316 Stainless Steel	A276 S31600
6	Stem O-Ring	Buna-N	D2000
7	Thrust Washer	PTFE	Commercial
8	Gland Nut	Brass	B124
9	Packing	PTFE	Commercial
10	Handle	Zinc Plated Steel	Commercial
11	Handle Nut	Zinc Plated Steel	Commercial
12	Tube O-Ring	EPDM	D2000
13	Hose Cap	Polypropylene	Commercial
14	Cap Gasket	EPDM	Commercial
15	Chain	Brass Bead	Commercial

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

## DIMENSIONS

	UNITS	1/2" DN15	3/4" DN20
	A-PORT DIA	INCHES	0.51
	mm	13	19
B	INCHES	3.09	3.50
	mm	78	90
C	INCHES	1.55	1.70
	mm	39	43
D	INCHES	1.62	2.01
	mm	41	51
E	INCHES	3.15	4.33
	mm	80	110
F TUBE DIA	INCHES	0.82	0.99
	mm	21	25
G	INCHES	0.83	0.98
	mm	21	25
Cv		18	40

†Non-Shock



**Do not pressurize cap.**  
**Pressure not to exceed 40 psi.**

**Note:** Pressure/Temperature rating shown are for VALVE ONLY. Hose side pressure and temperature limit is based on connected hose and is users responsibility

**Note:** Lead free refers to the wetted surface of the pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤0.25%. Source: California Health and Safety Code (116875).

The information presented on this sheet is correct at time of publication. Hammond Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.hammondvalve.com](http://www.hammondvalve.com). Hammond Valve is a registered trademark of Milwaukee Valve.

⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# OPTIONS

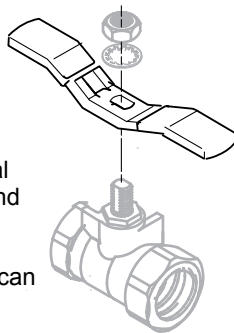
8201/8211  
8901/8911  
BA480B/BA490B

## 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.

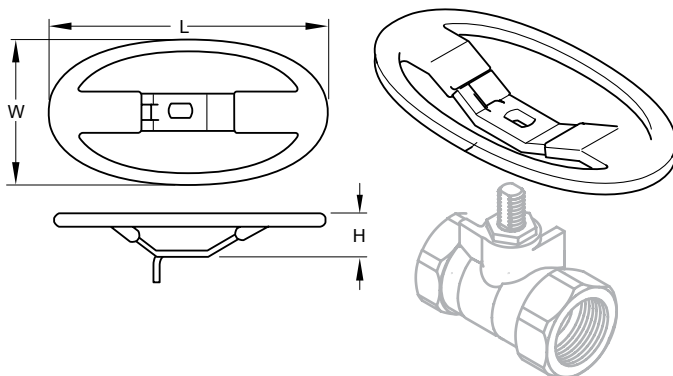
## 03 Tee Handle

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.



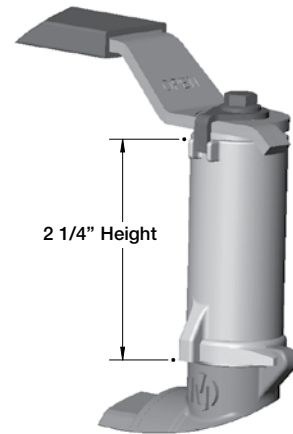
## 04 Oval Handle

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.

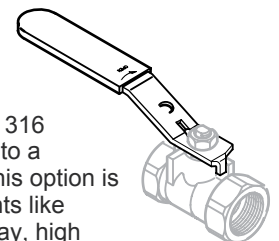


## 07 Locking Lever Handle



## 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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