Ultra Pure® BY HAMMOND VALVE ULTRAPRESS® BY HAMMOND VALVE

UPBA-480S* ½”-2”

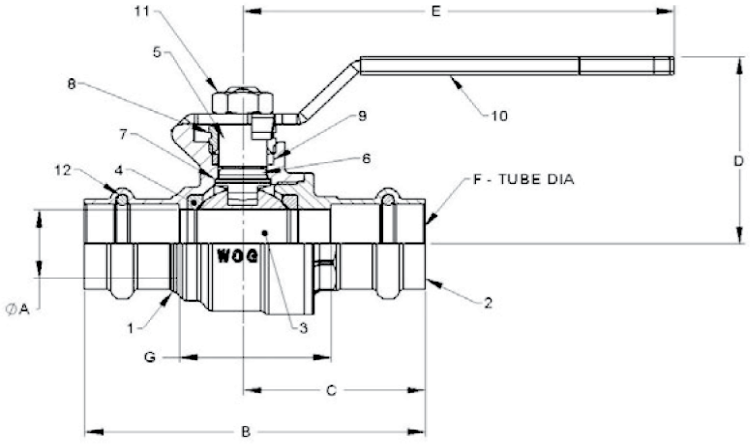
Brass Ball Valve For Potable Water
Two Piece
Full Port
200 psig @ 250°F†
Press x Press Ends
Blow-Out Proof Stem

IAPMO R&T® Tested and Certified by IAMPO R&T to NSF/ANSI 61 and NSF/ANSI 372 for Lead Free Compliance.

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**	Backing Ring	Plastic	Commercial

*Ultra Press Valves are designed and qualified for use in copper tubing systems only, Types K, L, & M per ASTM B88. For Installatin Instructions please see engineering section on website.



DIMENSIONS

	UNITS	1/2” DN15	3/4” DN20	1” DN25	1-1/4” DN32	1-1/2” DN40	2” DN50
A-PORT DIA	INCHES	0.51	0.76	0.98	1.26	1.50	2.01
	mm	13	19	25	32	38	51
B	INCHES	3.16	3.71	4.28	5.20	6.31	7.44
	mm	80	94	109	132	160	189
C	INCHES	1.63	1.92	2.18	2.75	3.40	3.96
	mm	41	49	55	70	86	101
D	INCHES	1.62	2.01	2.21	2.46	2.62	3.13
	mm	41	51	56	63	67	80
E	INCHES	3.15	4.33	4.33	5.12	5.12	6.89
	mm	80	110	110	130	130	175
G	INCHES	1.52	1.73	2.31	3.16	3.49	4.28
	mm	39	44	59	80	89	109
Cv			18	40	72	112	161

†Non-Shock

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).

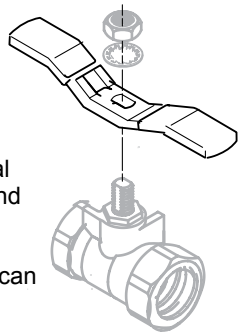
OPTIONS

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.

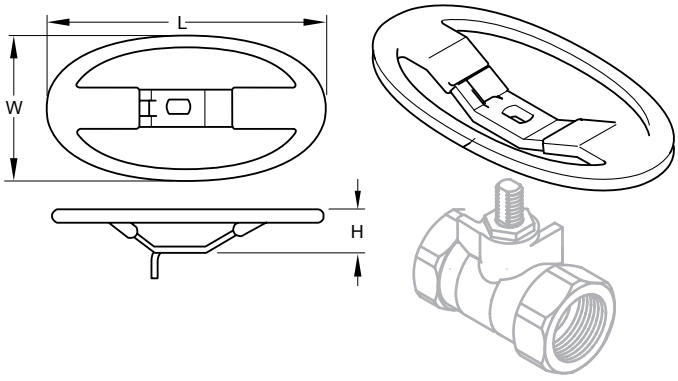
03 Tee Handle

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.



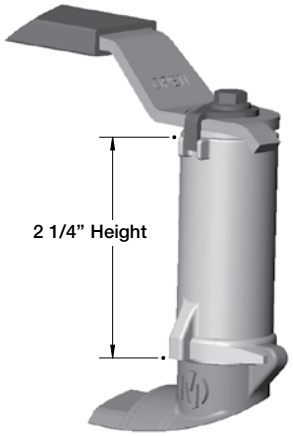
04 Oval Handle

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.