

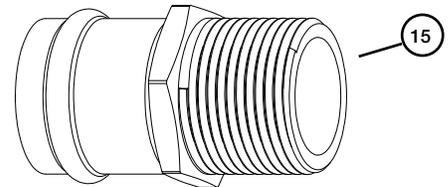
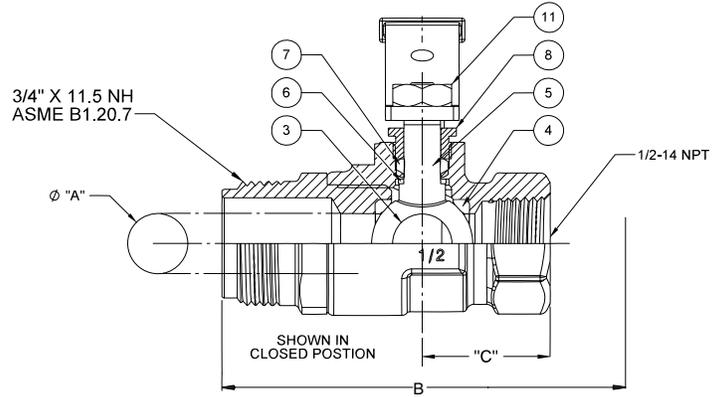


Bronze Ball Valve For Potable Water
Two Piece
Full Port
200 psig @ 250°F†
Press x 3/4" Hose End
Dust Cap and Chain
Blow-Out Proof Stem

Dimensions and Workmanship Conform to MSS SP-110

MATERIAL LIST

ITEM	PART	MATERIAL	ASTM SPEC
1	Body	Cast Bronze	B548 C27450
2	Tailpiece	Brass	B283 C27450
3	Ball	Brass, Chrome Plated	B283 C27450
4	Seat	PRFE (1/2") RPTFE, 15% Glass filled (3/4")	Commercial
5	Stem	Brass	C46400 H02
6	Thrust Washer	RPTFE, 25% Glass Filled	Commercial
7	Packing	PTFE	Commercial
8	Packing Nut	Brass	B16 C36000
9	Handle	Steel, Zinc Plated	Commercial
10	Handle Grip	Vinyl	Commercial
11	Handle Nut	Steel, Zinc Plated	Commercial
12	Dust Cap	Polypropylene	Commercial
13	Gasket	EDPM	Commercial
14	Chain	Brass Bead	Commercial
15	Press Adapter	Brass Fitting w/EPDM O-Ring	B283 C27450



Press End Adapter (4151 Series)

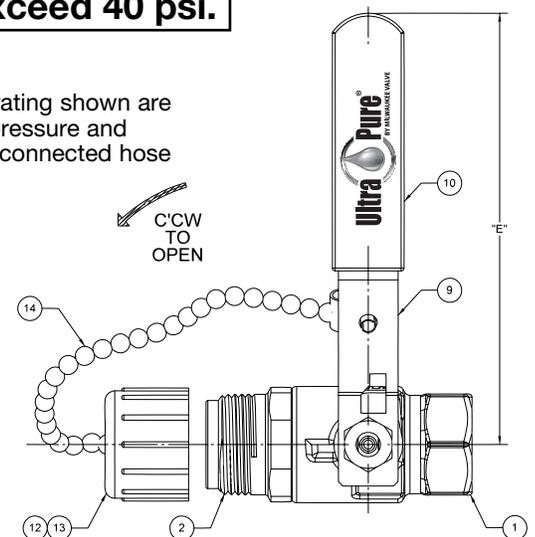
DIMENSIONS

	UNITS	1/2"	3/4"
		DN15	DN20
A	INCHES mm	0.50 13	.76 19
B	INCHES mm	2.70 69	2.90 74
STD INSERTION DEPTH	INCHES mm	.87 22	.98 25
C	INCHES mm	1.10 28	1.30 33
D	INCHES mm	1.88 48	2.14 54
E	INCHES mm	3.81 97	4.62 117
F	THREAD INLET	NPT	NPT
Cv		13	30

Note: DN (Diameter Nominal) = Metric equivalent size.
 †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



*Both the valve and 4151 series press end adapters are tested and certified by IAPMO R & T to NSF/ANSI 61 and NSF/ANSI 372 for "Lead Free" compliance.

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. Milwaukee 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.milwaukeevalve.com.

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



OPTIONS

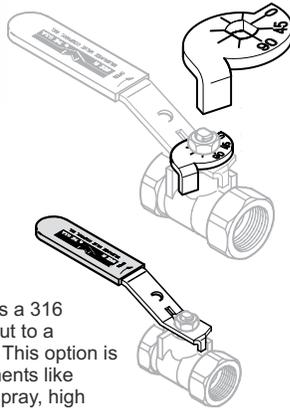
UPBA100/150 / BA100/150
 UPBA300/350 / BA300/350
 UPBA400/450 / BA400/450

TIH THE INSULATOR/MS® Extension Handle

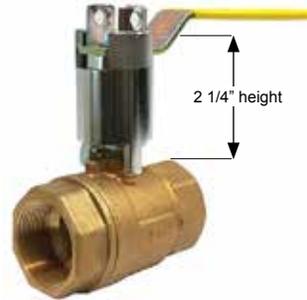
The **THE INSULATOR/MS®** extension handle is designed to prevent condensation and other extraneous moisture from entering the insulated piping system, while also minimizing thermal energy loss from the system via metal extension tubes, levers, and similar parts.



The design incorporates a unique memory stop feature that requires no disassembly or removal of the handle to engage and make adjustments.



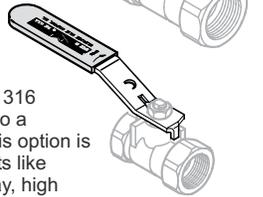
XLD Locking Extension



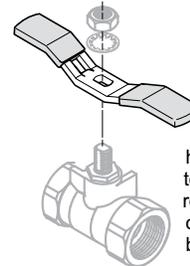
The -XLD extended locking handle is made of robust plated steel and provides additional safety benefits for the user. The handle can be locked in both the open and closed positions. Extension length provides for handle clearance above standard piping insulation thicknesses.

SH Stainless Steel Handle

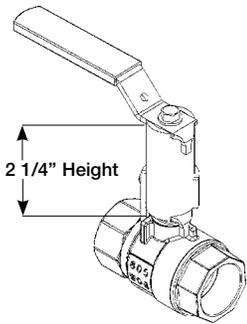
The "SH" handle option adds a 316 stainless steel handle and nut to a standard bronze ball valve. This option is intended for harsh environments like areas subject to salt water spray, high humidity, harsh cleaning chemicals, etc.



TH 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.

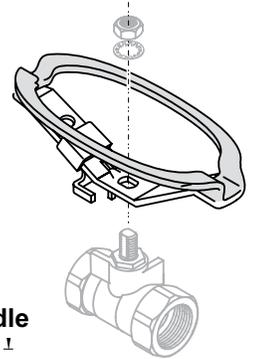


XM Extension Handle with Memory Stop

The "XM" stem extension is all-metallic with an adjustable memory stop. This option is designed for installations where pipe insulation would make standard handles inoperable. The adjustable memory stop allows the valve opening to be limited to a preset position. This option can be ordered with or without the memory stop.

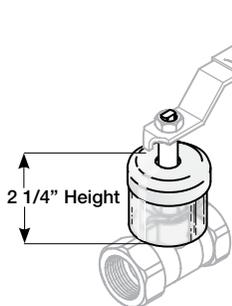
OH & LO Milwaukee offers two styles of oval handles, standard oval and a padlocking oval design.

Oval handles can prevent accidental valve operations, since they have less projection than a lever handle, and require more turning force to operate. OSHA requires the use of oval handles in many installations for safety reasons. The locking handle design will accommodate a standard 5/16" pad-lock or other types of valve lockouts.



OH Oval Handle

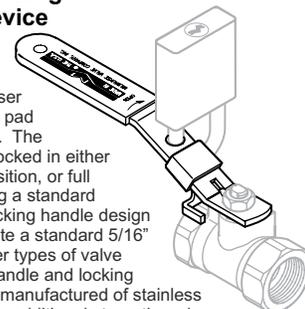
XH Extension Stem



The "XH" stem extension is simple and effective design. This option is designed for installations where pipe insulation would make standard handles inoperable. The external plastic shield helps to keep the insulation away from the stem extension, providing years of trouble free operation.

LD Locking Device

The "LD" Locking Handle offers the end user the security of a pad lockable handle. The handle can be locked in either the full open position, or full closed by adding a standard padlock. The locking handle design will accommodate a standard 5/16" pad-lock or other types of valve lockouts. The handle and locking device are also manufactured of stainless steel material for additional strength and corrosion resistance.



The information presented on this sheet is correct at time of publication. Milwaukee 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.milwaukeevalve.com.
 ⚠️ State of California Prop 65 **WARNING: Cancer and Reproductive Harm.** For more information visit www.p65warnings.ca.gov.

