8501H/8503H P1 ½"-¾"



Bronze Ball Valve Two Piece Full Port 200 psig @ 250°F† **Press x Hose End Dust Cap and Chain Blow-Out Proof Stem Conforms to MSS SP-110**

*Not intended for use in potable water.

MATERIAL LIST

ITEM	PART	MATERIAL	ASTM SPEC		
1	Body	Bronze	B584		
2	Tailpiece	Brass	B16		
3	Ball	Brass w/Hard Chrome Plating	B16		
		316 Stainless Steel (1)	A276		
4	Seat	RPTFE, 15% Glass Filled			
5	Stem	Brass	B16		
		316 Stainless Steel (1)	A276		
6	Thrust Washer	RPTFE, 25% Glass Filled			
7	Packing	PTFE			
8	Packing Nut	Brass	B16		
9	Handle	Steel w/Zinc Plating	Commercial		
10	Hand Grip	Vinyl			
11	Handle Nut	Steel w/Zinc Plating	Commercial		
12	Dust Cap	Polyproplyene			
13	Gasket	EPDM			
14	Chain	Brass Bead			
15	Press Adapters	Brass Fitting w/EPDM O-Ring	B283		
	NN-SHOCK				

+NON-SHOCK

(1) Ball & Stem are stainless steel for 8503H P1

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

DIMENSIONS

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

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

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Press End Adapter (4151 Series)

BV-14

OPTIONS

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.





Oval handles can also 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.





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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.

Extension Handle with Memory Stop

The "09" 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.

The "02" Memory Stop offers the convenience of a preset stop when the value is used in a

when the valve is used in a balancing application. The memory stop can be set from the full closed position, to any preset opening point.

> 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

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The "06" 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.

Extension Stem