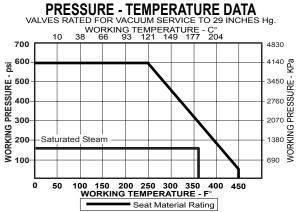
BA-400/400S* 1/4"-2"

Bronze Ball Valve Two Piece Full Port 600 WOG/150 SWP (1) **Threaded Ends Blow-Out Proof Stem MSS SP-110**

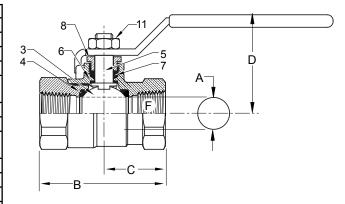
MATERIALS LIST

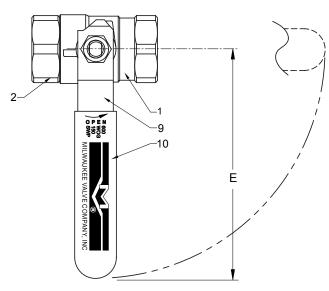
MIX (1 ET (I) (EO ETO)									
ITEM	PART	MATERIALS	ASTM SPEC.						
1	Body	Cast Bronze	B584						
2	Tailniana	Brass	B283						
	Tailpiece	Cast Bronze (1 1/4" & up)	B584						
3		Brass w/Hard Chrome Plating	B16						
	Ball	316 Stainless Steel (BA-400S)	A276						
4	Seat	RPTFE, 15% Glass Filled							
5	Stem	Brass	B16						
		316 Stainless Steel (BA-400S)	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						

(1) For steam service please specify see BA400S3.



*Not intended for use in potable water.





DIMENSIONS

	UNITS	1/4" DN10	3/8" DN10	1/2" DN15	3/4" DN20	1" DN25	1-1/4" DN32	1-1/2" DN40	2" DN50
A (DIA)	INCHES	0.38	0.38	0.50	0.76	1.06	1.31	1.56	2.00
	mm	10	10	13	19	27	33	40	51
В	INCHES	1.86	1.86	2.19	2.59	3.32	3.77	4.28	5.10
	mm	46	46	54	66	84	96	109	130
С	INCHES	1.00	1.00	1.10	1.30	1.59	1.81	2.06	2.37
	mm	25	25	27	33	40	46	52	60
D	INCHES	1.78	1.81	1.91	2.32	2.68	2.82	3.00	3.36
	mm	44	44	47	59	68	72	76	85
Е	INCHES	3.82	3.82	3.82	4.55	6.33	6.33	6.33	7.19
	mm	94	94	94	116	161	161	161	183
F	THREAD Size	1/4" NPT	3/8"NPT	1/2" NPT	3/4" NPT	1"NPT	1-1/4" NPT	1-1/2" NPT	2" NPT
Cv		7	7	13	30	61	110	185	360

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

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Locking

Extension

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.



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.

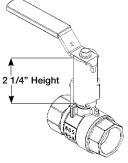


The "SH" handle option adds a 316 stainless steel handle and nut to a standard bronze ball valve. This option is intended for harsh environments like areas subject to salt water spray, high humidity, harsh cleaning chemicals, etc.



Tee

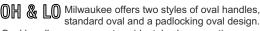
Tee handles offer the same installation space savings as oval handles, with a slightly shorter end to end dimension. Tee handles require more handle force to operate, so accidental openings can be reduced.



2 1/4" Height

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.



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.

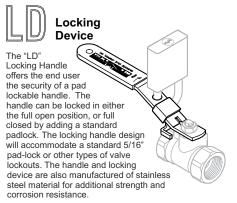








and effective design. This option is designed for installations where pipe insulation would make standard handles inoperable. The external plastic shield helps to keep the insulation away from the stem extension, providing years of trouble free operation.



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