

"BA-475B"

1/4" - 3"

BRASS BALL VALVE
TWO-PIECE, FULL-PORT
600 WOG / 150 SWP
THREADED ENDS*

MSS-SP110
ASME A112.4.14
FED. SPEC.
WW-V-35C, II, BZ, 3, C

CSA
 C US
 ANSI Z 21.15a-2001, CGA 9.1a-2001
 ASME B16.44-2002, CR91-002-1992

UL US
 UL 125
 UL 842

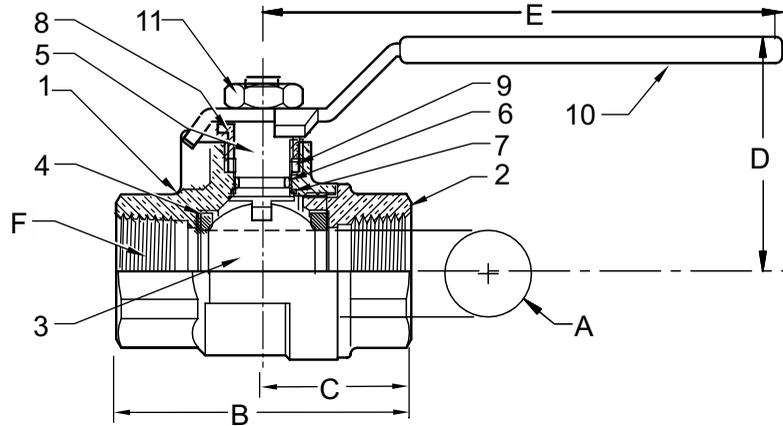
FM
 APPROVED
 1140

1/4" through 2" Only

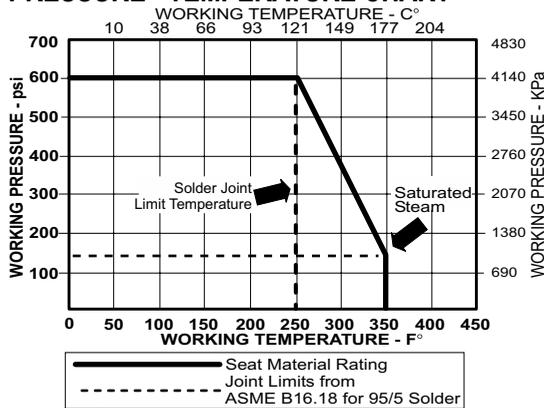
MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Brass, Forged	B283
2	Tailpiece	Brass, Forged	B283
3	Ball	Brass w/Chrome Plating	B584
4	Ball Seal	PTFE	Commercial
5	Stem	Brass	B16
6	O-Ring	Buna-N	D2006
7	ThrustWasher	PTFE	Commercial
8	Gland Nut	Brass	B16
9	Packing	PTFE	Commercial
10	Handle	Zinc Plated Steel	Commercial
11	Handle Nut	Zinc Plated Steel	Commercial

* Also Available BA-475B-LL
 (Locks Only In Closed Position)



PRESSURE - TEMPERATURE CHART



DIMENSIONS

Valve Size	UNITS	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
A	INCHES	.39	.39	.51	.76	1.00	1.26	1.50	2.00	2.48	2.95
	mm	9.9	9.9	12.7	19.3	25.0	32.0	38.1	51.0	63	74.9
B	INCHES	1.87	1.87	2.25	2.62	3.06	3.5	3.75	4.38	5.16	6
	mm	47	47	57	67	78	89	95	111	131.1	152.4
C	INCHES	0.95	0.95	1.12	1.31	1.91	2.21	1.87	2.19	2.58	3
	mm	24	24	61	33	49	56	47	56	65.5	76.2
D	INCHES	1.42	1.42	1.46	1.93	2.10	2.33	2.52	2.96	3.94	4.37
	mm	36	36	37	49	53	59	64	75	100.1	111
E	INCHES	3.14	3.14	3.14	4.35	4.35	5.00	5.00	6.90	7.87	7.87
	mm	80	80	80	110	110	127	127	175	199.9	199.9
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	2-1/2" NPT	3" NPT
Cv		12	12	18	40	72	112	161	287	448	645
TORQUE	in-lb	16	16	19	58	69	89	124	210	445	563
	N.m	1.8	1.8	2.1	6.5	7.8	10	14	24		
WEIGHT	lbs	0.33	0.34	0.47	0.89	1.24	1.66	2.34	4.94	7.4	10.47
	Kg	.149	.155	.213	.403	.565	.755	1.064	2.245	3.35	4.75

Rev. 19

The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and/or material specifications without notice. For the most current information access www.milwaukeevalve.com



OPTIONS

BA200/250
BA200/250
BA480B/BA490B

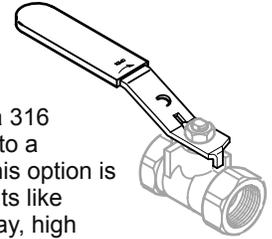
XH Extension Handle

The "XH" stem extension is a simple and effective design. This option is designed for installations where pipe insulation would make standard handles inoperable. The stem extension can also be used where a handle needs to be raised above an adjoining obstruction. Installations where the valve is mounted behind a panel can be an ideal place for the "XH" stem extension.



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.

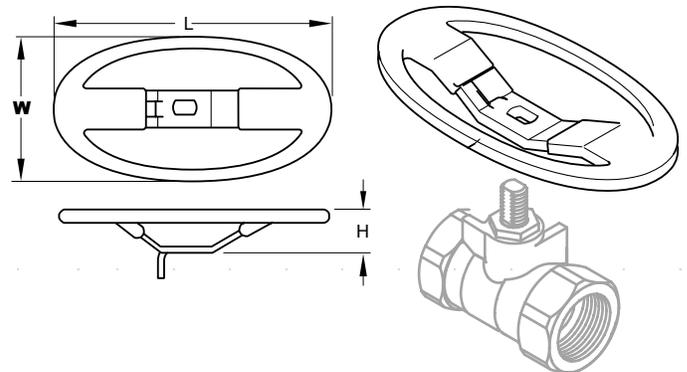


MS Memory Stop

The "MS" 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.

OH 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. The standard oval handle can be field or factory mounted on BA-200/BA-475B series valves up to 2".



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.

