

BA-300SB/300SBS

3/4"-2"

**BRONZE BALL VALVE
THREE-PIECE, FULL-PORT
600 WOG / 150 SWP *
SILBRAZE ENDS**

MSS SP-110

MATERIALS LIST

ITEM	PART	MODEL	MATERIALS	ASTM SPEC.
1	Body	300 & 300S	Bronze	B584
2	End Cap	300 & 300S	Bronze	B584
3	Stem	300	Brass	B16
		300S	316 Stainless Steel	A276
4	Packing Nut	300 & 300S	Brass	B16
5	Packing	300 & 300S	PTFE	
6	Thrust Washer	300 & 300S	RPTFE (25% Glass Reinforced)	
7	Ball	300	CP Brass	B16
		300S	316 Stainless Steel	A276
8	Seat	300 & 300S	RPTFE (15% Glass Reinforced)	
9	Handle	300 & 300S	Steel w/ Zinc Plating	B633
10	Handle Nut	300 & 300S	Steel w/ Zinc Plating	B633
11	Handle Grip	300 & 300S	Vinyl	
12	Bolt	300 & 300S	Steel w/ Zinc Plating	B633
13	Nut	300 & 300S	Steel w/ Zinc Plating	B633

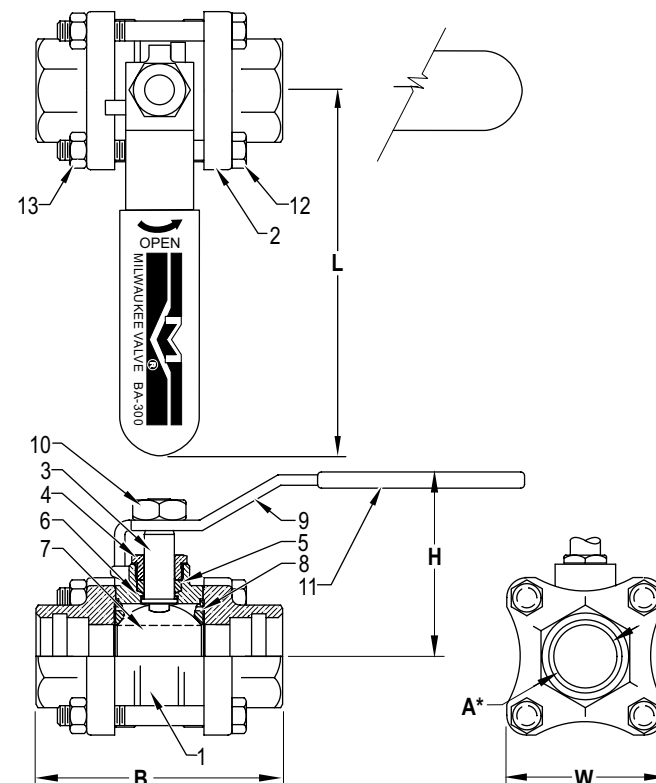
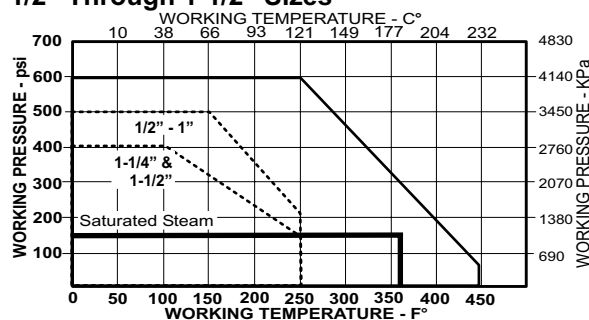
* Milwaukee Valve Company recommends the use of Stainless Steel ball and stem for steam applications. Please consult factory for more information.

PRESSURE and TEMPERATURE CHART

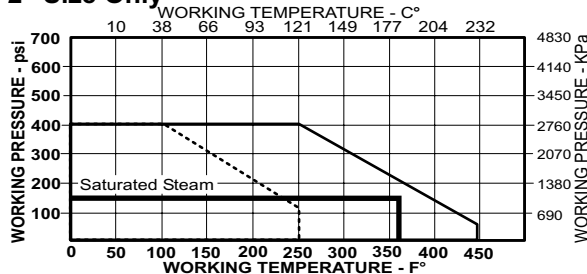
VALVES RATED FOR VACUUM SERVICE TO 29 INCHES Hg.

— Seat Material Rating
- - - Solder Joints per ASME B16.18

1/2" Through 1-1/2" Sizes



2" Size Only



DIMENSIONS

	UNITS	3/4"	1"	1-1/4"	1-1/2"	2"
A (DIA)	INCHES	0.75	1.00	1.25	1.50	2.00
	mm	19	25	32	38	51
B	INCHES	3.44	3.87	4.75	5.25	6.10
	mm	87	98	121	133	155
H	INCHES	2.26	2.44	2.80	3.12	3.58
	mm	57	62	71	79	91
L	INCHES	4.75	4.75	6.50	7.38	7.38
	mm	121	121	165	187	187
W	INCHES	2.19	2.46	2.98	3.00	4.00
	mm	56	62	76	76	102
F	THREAD SIZE	3/4"	1"	1-1/4"	1-1/2"	2"
		NPT	NPT	NPT	NPT	NPT
Cv		31	60	110	185	360

Note: DN (Diameter Nominal) = Metric

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.

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Pressure temperature charts contain valve seat and body ratings for standard valves using normal solder installation techniques. Solder end valves are de-rated by the limitations of the joint as specified in ASME 16.18. Brazing installations can have the same effect on the valve rating. Consult ASME 16.18 and the American Welding Society for the actual joint ratings of the material being used for the specific application.

