

BA-300SB/300SBS** 1/4"-2"

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

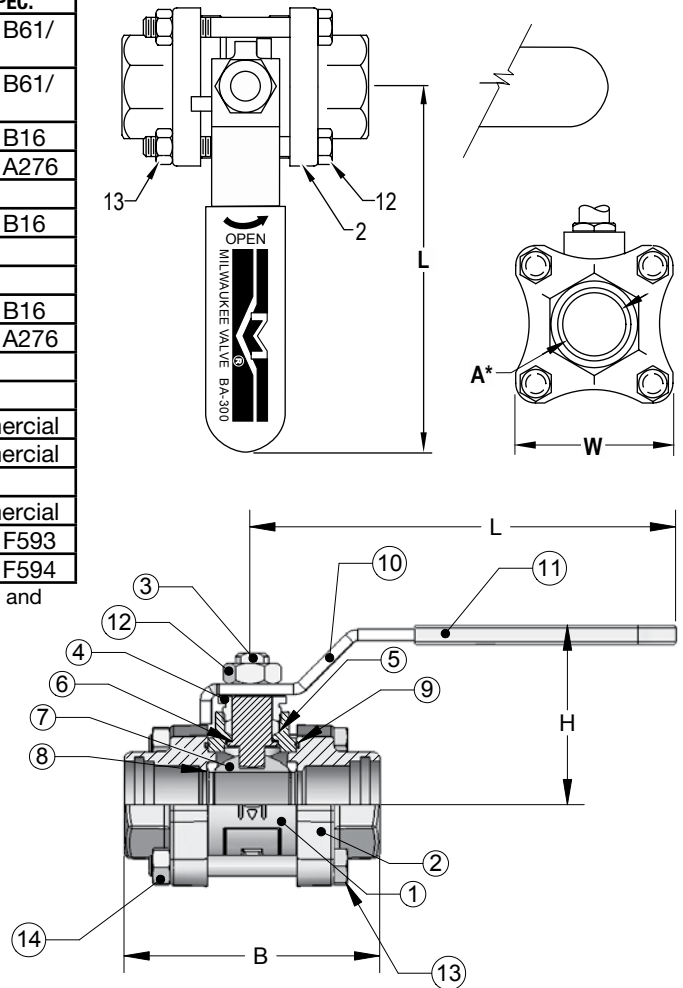
MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Cast Bronze	ASTM B61/ B62
2	End Cap	Cast Bronze	ASTM B61/ B62
3	Stem	Brass (BA300SB)	ASTM B16
		316 Stainless Steel (BA300SBS)	ASTM A276
4	Packing	PTFE	
5	Packing Nut	Brass	ASTM B16
6	Thrust Washer	RPTFE	
		25% Glass Reinforced	
7	Ball	Brass (BA300SB)	ASTM B16
		Stainless Steel (BA300SBS)	ASTM A276
8	Seat	RPTFE	
		15% Glass Reinforced	
9	O-ring	Viton®	Commercial
10	Handle	Stainless Steel	Commercial
11	Handle Grip	Vinyl	
12	Handle Nut	Stainless Steel	Commercial
13	Bolt	Stainless Steel Type 304	ASTM F593
14	Nut	Stainless Steel Type 304	ASTM F594

(1) Milwaukee Valve Company recommends the use of Stainless Steel ball and stem for steam applications. Please consult factory for more information.
(2) Ball and stem are stainless for BA300SBS

** 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.

*Not intended for use in potable water.



DIMENSIONS

	UNITS	1/4" DN6	3/8" DN10	1/2" DN15	3/4" DN20	1" DN25	1-1/4" DN32	1-1/2" DN40	2" DN50
	A	INCHES	0.50	0.50	0.50	0.75	1.00	1.25	1.50
	mm	13	13	13	19	25	32	38	51
B	INCHES	3.03	3.03	3.03	3.56	3.82	4.86	5.06	6.00
	mm	77	77	77	90	97	123	129	152
H	INCHES	1.65	1.65	1.65	2.24	2.65	2.86	3.03	3.26
	mm	42	42	42	57	67	73	77	83
L	INCHES	4.03	4.03	4.06	4.58	6.30	6.32	7.20	7.20
	mm	102	102	103	116	160	161	183	183
W	INCHES	1.95	1.95	1.95	2.19	2.48	3.00	3.13	3.78
	mm	50	50	50	56	63	76	80	96
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	17	31	60	110	185	360

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

** 3" is standard port

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.

