

# BA-350TE/350STE\* 1/2"-3"

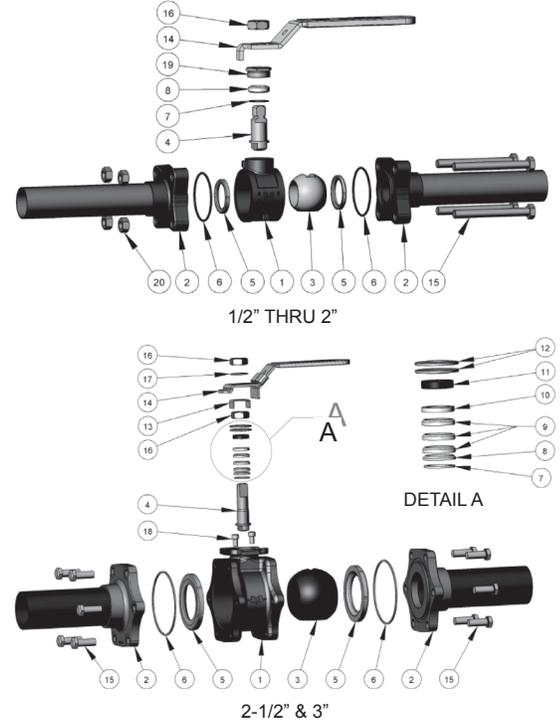
**Bronze Ball Valve**  
**Three Piece • Full Port**  
**600 WOG • Extended Tube Ends**  
**Inline Repairable**  
**Blow-Out Proof Stem**  
**MSS SP-110**

## MATERIALS LIST

ITEM	PART	MODEL/SIZE	MATERIALS	ASTM SPEC.
1	Body	BA350 & 350S	Bronze	B584
2	Sil. Braised Stub, Male	BA350 & 350S	Bronze, Copper Tube	
3	Ball	BA350	Chrome Plated Brass	B16
		BA350S	316 Stainless Steel (1)	A276
4	Stem	BA350	Brass	B16
		BA350 & 350S	316 Stainless Steel (1)	A276
5	Seat	BA350 & 350S	15% Glass RPTFE	
6	O-Ring	BA350 & 350S	Viton	MIL-R-83248
7	Washer, Thrust	BA350 & 350S	15% Glass RPTFE	
8	Packing	BA350 & 350S	PTFE	
	Packing, Male	BA350 & 350S	PTFE	
	Packing, "V"	BA350 & 350S	PTFE	
10	Packing, Female	BA350 & 350S	PTFE	
11	Packing Follower	BA350 & 350S	Brass	B16
12	Washer, Belleville	BA350 & 350S	17-7 PH S.S.	Commercial
13	Nut Locker	BA350 & 350S	S.S. 301	Commercial
14	Handle Assy	350 & 350S	-	
15	Hex Head Cap Screw	BA350 & 350S	SAE, Grade 8	Commercial
16	Nut, Jam	BA350 & 350S	Steel, Zinc Plating	Commercial
17	Washer, Internal Tooth	BA350 & 350S	Stainless Steel	Commercial
18	Socket Head Cap Screw	2-1/2"-3"	Commercial Carbon Steel	Zinc Plated
19	Gland Nut	1/2"-2"	Brass	B16
20	Hex Nut	1/2"-2"	Commercial	SAE 5140

(1) Ball and stem are stainless for BA350STE

\* Not intended for use in potable water.

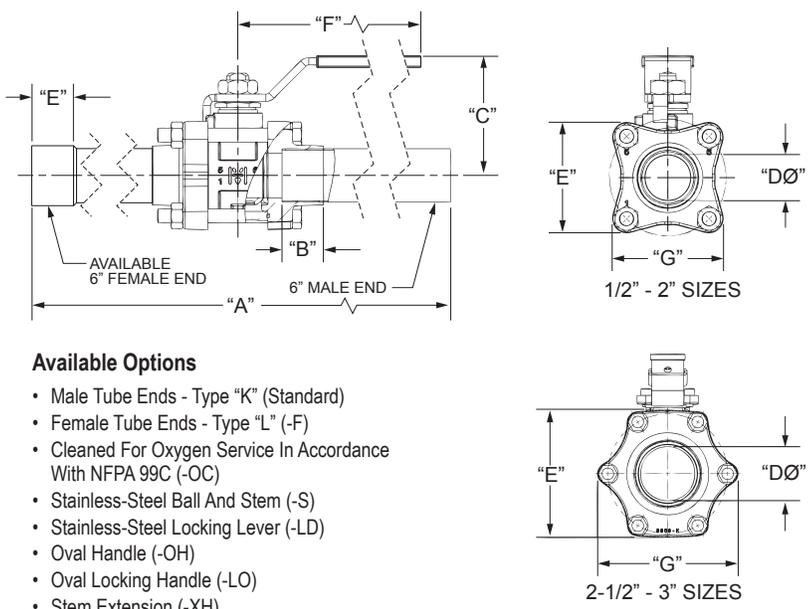


\*\* Pressure temperature charts contain valve seat (1) Ball and stem are stainless for 350STE and body ratings for standard valves. Solder end valves are de-rated by the limitations of the joint as specified in ASME 16.18. Brazing installations can be likewise derated. Consult ASME 16.18 and the American Welding Society for the actual joint ratings of the material being used for the specific application. Pressure and Temperature ratings may be further derated in accordance with the pressure rating associated with the type of copper tube used for the stub end. Call the factory for accurate application data.

## DIMENSIONS

	UNITS	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
A	INCHES	13.84	13.92	13.95	14.82	15.10	15.50	19.01	19.01
	mm	352	354	354	376	384	394	483	483
B	INCHES	3.02	3.56	3.81	4.66	5.00	5.70	7.01	7.01
	mm	77	90	97	118	127	145	178	178
C	INCHES	1.85	2.20	2.65	2.80	2.97	3.47	5.39	5.39
	mm	47	56	67	71	75	88	137	137
ØD	INCHES	0.50	0.75	1.00	1.25	1.50	2.00	2.44	2.91
	mm	13	19	25	32	38	51	62	74
E	INCHES	1.32	2.13	2.41	2.94	3.13	3.86	5.74	5.74
	mm	34	54	61	75	80	98	146	146
F	INCHES	3.80	4.56	6.32	6.32	6.32	7.20	8.10	8.10
	mm	97	116	161	161	161	183	206	206
G	INCHES	1.92	2.13	2.41	2.94	3.13	3.86	6.31	6.31
	mm	49	54	61	75	80	92	160	160
Cv		17	31	60	110	185	360	390	390

Note: DN (Diameter Nominal) = Metric equivalent size.  
 \* Designed for soft solder or brazed installation without disassembly.



### Available Options

- Male Tube Ends - Type "K" (Standard)
- Female Tube Ends - Type "L" (-F)
- Cleaned For Oxygen Service In Accordance With NFPA 99C (-OC)
- Stainless-Steel Ball And Stem (-S)
- Stainless-Steel Locking Lever (-LD)
- Oval Handle (-OH)
- Oval Locking Handle (-LO)
- Stem Extension (-XH)
- Stainless-Steel Lever Handle (-SH)
- Gauge Ports

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](http://www.milwaukeevalve.com).

⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).