## 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


Dimensions

|  | Units | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | INCHES | 13.86 | 13.92 | 14.09 | 14.82 | 15.12 | 15.46 | 19.00 | 19.00 |
|  | mm | 352 | 354 | 358 | 377 | 384 | 393 | 483 | 483 |
| B | INCHES | 6.93 | 6.96 | 7.04 | 7.41 | 7.56 | 7.73 | 9.50 | 9.50 |
|  | mm | 176 | 177 | 179 | 188 | 192 | 196 | 241 | 241 |
| D | INCHES | 3.75 | 4.50 | 6.25 | 6.25 | 6.25 | 7.13 | 8.00 | 8.00 |
|  | mm | 95 | 114 | 159 | 159 | 159 | 181 | 203 | 203 |
| E | INCHES | 1.85 | 2.20 | 2.65 | 2.79 | 2.97 | 3.47 | 5.44 | 5.44 |
|  | mm | 47 | 56 | 67 | 71 | 75 | 88 | 138 | 138 |
| ØF | INCHES | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 2.50 |
|  | mm | 13 | 19 | 25 | 32 | 38 | 51 | 64 | 64 |
| G | INCHES | 1.41 | 1.51 | 1.80 | 2.16 | 2.38 | 3.00 | 5.38 | 5.38 |
|  | mm | 36 | 38 | 46 | 55 | 60 | 76 | 137 | 137 |
| G1 | INCHES | 0.81 | 1.51 | 1.80 | 2.16 | 2.38 | 3.00 | 4.66 | 4.66 |
|  | mm | 21 | 38 | 46 | 55 | 60 | 76 | 118 | 118 |

## BA-350 Series

| Material List |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Part | Materials | ASTM Spec. |
| 1 | Body | Bronze | B584 |
| 2 | Sil Brazed Tube | Bronze, Copper Tube | - |
| 3 | Ball | Chrome Plated Brass | B16 |
|  |  | 316 Stainless Steel | A276 |
| 4 | Stem | Brass | B16 |
|  |  | 316 Stainless Steel | A276 |
| 5 | Seat | 15\% Glass RPTFE | - |
| 6 | O-Ring | Viton | MIL-R-83248 |
| 7 | Washer, Thrust | 25\% Glass RPTFE | - |
| 8 | Packing, Male | PTFE | - |
| 9 | Packing "V" | PTFE | - |
| 10 | Packing, Female | PTFE | - |
| 11 | Packing Follower | Brass | B16 |
| 12 | Washer, Belleville | 17-7 PH S.S. | Commercial |
| 13 | Nut Locker | S.S. 301 | Commercial |
| 14 | Handle Assy | Stainless Steel | A276 |
| 15 | Hex Head Cap Screw | SAE, Grade 8 | Commercial |
| 16 | Nut, Jam | Steel, Zinc Plating | Commercial |
| 17 | Washer, Internal Tooth | Stainless Steel | Commercial |
| 18 | Socket Head Cap Screw | Commercial Carbon Steel | Zinc Plated |
| 19 | Gland Nut | Brass | B16 |
| 20 | Hex Nut | Commercial | SAE 5140 |

*Not intended for use in potable water.
Pressure temperature charts containing valve seat and body ratings are available from the factory. Please contact the factory for accurate application data.



## Available Options

- Male Tube Ends - Type "K" (Standard)
- Female Tube Ends - Type "L" (-F) or Type "K" (-K) Cleaned For Oxygen Service In Accordance With NFPA 99C CSA-41 (-OC)
- Stainless-Steel Ball and Stem (-S)
- Stainless-Steel Locking Lever (-LD)
- Oval Handle (-OH)
- Oval Locking Handle (-LO)
- Stem Extension (-XH)
- Insulator/MS Handle (-TIH)
- Gauge Port (-G)
- Two Gauge Ports (-2G)


## BA-350 Series

## Specifications:

Approved valves shall be Milwaukee Valve BA-350 Series. Valves shall meet or exceed the requirements of MSS SP-110. Valves shall be 3-piece, bronze body, full-port design (1/2" $-21 / 2^{\prime \prime}$ ) $3^{\prime \prime}$ standard port and include flexible RPTFE seats and adjustable PTFE packing. Valves shall have a blow-out-proof stem. Valves shall be provided from the factory with Type "K" Male or Female or Type "L" Female end coppertube extensions. When required, the valves shall be factory cleaned for oxygen service in conformance with MVES 60-02, NFPA 99C CSA-41. Each cleaned valve shall include protective caps on the coppertube ends, and be sealed in protective bags to prevent contamination prior to installation.


