77-900 Series
Bronze Full Port SAE Straight Thread Ball Valve

Straight Threads, 600 psig WOG, Cold Non-Shock. 150 psig Saturated Steam. (See referenced P/T chart)
Vacuum Service to 29 inches Hg.
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES
- Chromium plated ball
- RPTFE seats and stuffing box ring
- Mounting pad for easy actuator mounting
- Straight thread w/O-Ring boss connection
- Blow-out-proof stem design
- Adjustable packing gland
- Full port for full flow & min. pressure drop
- SAE J512/J514 Straight Thread O-Ring Boss

STANDARD MATERIAL LIST

1. Lever and grip
   Steel, zinc plated w/vinyl
2. Stem packing
   RPTFE
3. Stem bearing
   RPTFE
4. Ball
   Brass, chrome plated
5. Seat (2)
   RPTFE
6. Retainer
   B16 (1/4" to 1")
   B584-C84400 (1-1/4" to 2")

OPTIONS AVAILABLE:

(SUFFIX) OPTION SIZES
-02- Stem Grounded 1/4" to 2"
-03- 1-1/4" CS Stem Extension 1/4" to 2"
-04- 2-1/4" CS Stem Extension 1/4" to 2"
-07- Steel Tee Handle 1/4" to 2"
-08- 30° Reversed Stem 1/4" to 2"
-10- SS Lever & Nut 1/4" to 2"
-15- Wheel Handle, Steel 1/4" to 2"
-17- Rough Chrome Plated - Bronze Valves 1/4" to 2"
-24- Graphite Packing 1/4" to 2"
-27- SS Latch-Lock Lever & Nut 1/4" to 2"
-30- Cam-Lock and Grounded 1/4" to 2"
-32- SS Tee Handle & Nut 1/4" to 2"
-35- VTFE Trim 1/4" to 2"
-46- Latch Lock Lever - Lock in Closed Position Only 1/4" to 3"
-48- SS Oval Handle (No Latch) & Nut 1/4" to 2"
-50- 2-1/4" CS Locking Stem Extension 1/4" to 2"

NOM. NUMBER TUBE SIZE A B C D E F G Wt.

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For Pressure/Temperature Ratings, Refer to Page M-8, Graph No. 4