7K-100 Series
Bronze Full Port Ball Valve with Drain

NPT Threaded with NPT threaded drain port.
Recommended for water or air services.
Rated +50°F to 200°F, 0-125 psig.

FEATURES
• Chromium plated ball
• RPTFE seats and stuffing box ring
• Mounting pad for easy actuator mounting (3/4” to 2-1/2”)
• Blow-out-proof stem design
• Adjustable packing gland
• Full port for full flow & min. pressure drop
• Auto-drain / Auto-vent

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 (1-1/4” to 2-1/2”)
6. Retainer  B16 (1/4” to 1”)
7. Gland nut  B16
8. Stem  B16
9. Lever nut  Steel, zinc plated
10. Body seal  PTFE
11. Body  B584-C84400 (1-1/4” to 2-1/2”)

OPTIONS AVAILABLE:
(SUFFIX)  OPTION
-02-  Stem Grounded
-03-  1-1/4” CS Stem Extension
-04-  2-1/4” CS Stem Extension
-07-  Steel Tee Handle
-08-  90˚ Reversed Stem
-10-  SS Lever & Nut
-15-  Wheel Handle, Steel
-16-  Chain Lever - Vertical
-17-  Rough Chrome Plated - Bronze Valves
-18-  Plain Yellow Grip
-24-  Graphite Packing
-27-  SS Latch-Lock Lever & Nut
-30-  Cam-Lock and Grounded
-32-  SS Tee Handle & Nut
-35-  VITF Trim
-40-  Cyl-Loc and Grounded
-45-  Less Lever & Nut
-46-  Latch-Lock Lever - Lock in Closed Position Only
-47-  SS Latch-Lock Oval Handle & Nut
-48-  SS Oval Handle (No Latch) & Nut
-49-  Assembled Dry
-50-  2-1/4” CS Locking Stem Extension
-56-  Multifill Seats & Packing
-57-  Oxygen Cleaned
-58-  Chain Lever - Horizontal
-60-  Grounded Ball & Stem
-61-  Grounded Ball & Stem, Assembled Dry
-62-  Chain Lever - Horizontal
-63-  NPT x Solder/Socket Weld

BRONZE FULL PORT BALL VALVE WITH DRAIN

| NUMBER | SIZE  | A   | B   | C   | D   | E   | F   | G   | H   | I   | J   | K   | Wt. |
|--------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 7K-101-01 | 1/4"  | .37 | 1.03 | 2.06 | 1.75 | 3.87 | N/A | N/A | .09 | .53 | 1.18 | N/A | .70 |
| 7K-102-01 | 3/8”  | .37 | 1.03 | 2.06 | 1.75 | 3.87 | N/A | N/A | .09 | .53 | 1.18 | N/A | .66 |
| 7K-103-01 | 1/2”  | .50 | 1.10 | 2.19 | 1.75 | 3.87 | N/A | N/A | .12 | .59 | 1.25 | N/A | .73 |
| 7K-104-01 | 3/4”  | .81 | 1.56 | 3.12 | 2.12 | 4.78 | .87 | 1.37 | .29 | .90 | 1.56 | .90 | 1.93 |
| 7K-105-01 | 1”    | 1.00 | 1.80 | 3.61 | 2.62 | 5.50 | .93 | 1.50 | .31 | 1.12 | 1.78 | 1.12 | 3.42 |
| 7K-106-01 | 1-1/4” | 1.25 | 2.12 | 4.25 | 2.87 | 5.50 | .93 | 1.50 | .37 | 1.37 | 2.03 | 1.37 | 5.15 |
| 7K-107-01 | 1-1/2” | 1.50 | 2.37 | 4.74 | 3.30 | 7.78 | 2.08 | 3.06 | .50 | 1.56 | 2.21 | 1.28 | 6.81 |
| 7K-108-01 | 2”    | 2.00 | 2.70 | 5.38 | 3.71 | 7.78 | 2.41 | 3.52 | .62 | 2.03 | 2.68 | 1.56 | 11.85 |
| 7K-109-01 | 2-1/2” | 2.50 | 3.25 | 6.50 | 4.05 | 7.78 | 2.75 | 3.37 | 1.09 | 2.34 | 3.00 | 2.00 | 17.35 |