



# 94A SERIES

## Full-Port Brass Ball Valve

|               |                        |
|---------------|------------------------|
| Job Name:     | Contractor:            |
| Job Location: | P.O. Number:           |
| Engineer:     | Representative:        |
| Tag:          | Wholesale Distributor: |

### DESCRIPTION

The Apollo® International 94A forged brass ball valves combine reliable operation with maximum economy. Ideal for plumbing, HVAC and gas service applications. Valves include most pertinent agency approvals.

### FEATURES

- Full-Port
- Blow-out Proof Stem Design
- Adjustable Stem Packing Nut
- Silicone Free

### PERFORMANCE RATING

- Valve Design Rating: 600 CWP (400 CWP 2-1/2" to 4")
- Temperature Range 0°F - 400°F

### MATERIALS

| Part Name       | Material                            |
|-----------------|-------------------------------------|
| Body            | Forged Brass (Cu >57%)              |
| Retainer        | Forged Brass (Cu >57%)              |
| Ball            | Brass, Cr plated                    |
| Stem            | Brass, Cr plated                    |
| Seats           | PTFE                                |
| Stem Packing    | PTFE                                |
| Gland Nut       | Brass                               |
| Friction Washer | PTFE                                |
| Handle          | Steel w/corrosion resistant plating |
| Handle Cover    | PVC                                 |
| Handle Nut      | Steel w/corrosion resistant plating |

### APPROVALS

**CSA:** ¼"-4" NPT per ANSI Z21.15/CGA 9.1 (1/2 psi)

¼"-4" NPT per ASME B16.44 (5 psi)

½"-2" NPT per ASME B16.33 (125 psi)

2 ½"-4" NPT per ASME B16.38 (125 psi)

**UL:** Guides YQNZ, YRBX, YRPV, and YSDT (NPT only)

**FM:** ¼"-2" per FM1140 (<175 psi)

**NSF:** ¼"-2" meets ANSI/NSF 61 – 8, 2007

**MSS SP-110:** Ball Valves Threaded, Socket-Welding, Solder joint, Grooved and Flared Ends

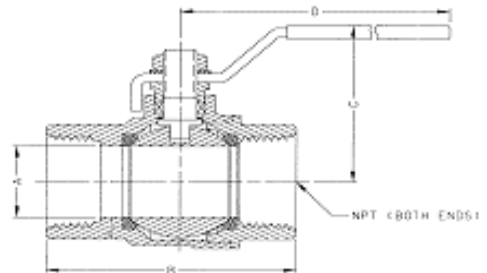
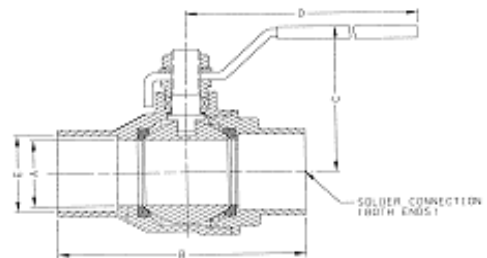
### OPTIONAL HANDLE KITS

| SIZE        | REPLACEMENT LEVER HANDLES | 2-1/4" STEM EXTENSION + MEMORY STOP |
|-------------|---------------------------|-------------------------------------|
| 1/4" - 3/8" | W932400                   | 78217101                            |
| 1/2"        | W932500                   | 78217201                            |
| 3/4"        | W936000                   | 78217301                            |
| 1"          | W932600                   | 78217401                            |
| 1-1/4"      | W932700                   | 78217501                            |
| 1-1/2" - 2" | W932800                   | 78217601                            |
| 2-1/2" - 3" | W932900                   | 78217701                            |
| 4"          | W933000                   | N/A                                 |



### DIMENSIONS

| Part No.     | Size   | A     | B     | C     | D     | E     | Wt. (lbs.) |
|--------------|--------|-------|-------|-------|-------|-------|------------|
| <b>NPT</b>   |        |       |       |       |       |       |            |
| 94A10101     | 1/4"   | 0.395 | 1.746 | 1.278 | 3.543 | -     | 0.33       |
| 94A10201     | 3/8"   | 0.407 | 1.756 | 1.278 | 3.543 | -     | 0.30       |
| 94A10301     | 1/2"   | 0.583 | 2.047 | 1.921 | 3.543 | -     | 0.44       |
| 94A10401     | 3/4"   | 0.748 | 2.362 | 2.087 | 3.780 | -     | 0.66       |
| 94A10501     | 1"     | 0.945 | 2.756 | 2.559 | 4.528 | -     | 1.10       |
| 94A10601     | 1 1/4" | 1.260 | 3.307 | 2.953 | 4.528 | -     | 1.57       |
| 94A10701     | 1 1/2" | 1.575 | 3.661 | 3.346 | 5.512 | -     | 2.40       |
| 94A10801     | 2"     | 1.969 | 4.181 | 3.681 | 5.512 | -     | 3.37       |
| 94A10901     | 2 1/2" | 2.520 | 5.378 | 4.764 | 8.661 | -     | 7.60       |
| 94A10001     | 3"     | 2.953 | 6.039 | 5.079 | 8.661 | -     | 9.36       |
| 94A10A01     | 4"     | 3.898 | 7.386 | 5.866 | 9.606 | -     | 16.85      |
| <b>SWEAT</b> |        |       |       |       |       |       |            |
| 94A20301     | 1/2"   | 0.583 | 2.047 | 1.839 | 3.543 | 0.630 | 0.38       |
| 94A20401     | 3/4"   | 0.748 | 2.748 | 1.996 | 3.780 | 0.878 | 0.64       |
| 94A20501     | 1"     | 0.945 | 3.228 | 2.441 | 4.528 | 1.130 | 0.99       |
| 94A20601     | 1 1/4" | 1.260 | 3.819 | 2.854 | 4.528 | 1.378 | 1.40       |
| 94A20701     | 1 1/2" | 1.575 | 4.425 | 3.169 | 5.512 | 1.630 | 2.17       |
| 94A20801     | 2"     | 1.969 | 5.315 | 3.449 | 5.512 | 2.130 | 2.97       |
| 94A20901     | 2 1/2" | 2.520 | 6.283 | 4.764 | 8.661 | 2.630 | 6.36       |
| 94A20001     | 3"     | 2.953 | 7.150 | 5.079 | 8.661 | 3.130 | 8.32       |
| 94A20A01     | 4"     | 3.945 | 9.276 | 5.866 | 9.606 | 4.130 | 15.78      |



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