



77W-HC SERIES

APOLLO-PRESS®

Hose Cap Ball Valve

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

DESCRIPTION

The Apollo-Press™ Press x Hose Cap & Chain ball valves are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition for sizes 1/2" - 3/4". Valves feature a 3/4" hose connection with heavy brass cap to protect the threads. The 77W-HC is ideal for most plumbing and heating systems, including potable water.

FEATURES

- Full-Port
- Adjustable Stem Packing
- Fast, Easy, Economical Installation
- Blow-Out Proof Stem
- Corrosion Resistant Materials
- Heavy brass cap is full pressure rated
- 100% Factory Tested
- Ridgid® "XL" Press Tool Compatible
- Made in U.S.A.

PERFORMANCE RATING

- Maximum Operating Pressure 200 psi
- Design Pressure 600 psi
- Temperature Range 0°F-200°F

MATERIAL SPECIFICATIONS

| Part Name | Material |
|--------------|----------------------------------|
| Body | Cast Bronze C89836 |
| Seat | Multi-Fill PTFE |
| Ball | ASTM B16 Brass, plated |
| Stem Packing | Multi-Fill PTFE |
| Nut | Corrosion Resistant Plated Steel |
| Stem | Brass, ASTM B16, UNS# C36000 |
| Retainer | Brass, ASTM B16, UNS# C36000 |
| Cap | Brass, ASTM B16, UNS# C36000 |
| Handle | Plated Steel/Insulated Polyvinyl |
| Gland | Brass, ASTM B16, UNS# C36000 |
| O-Ring | EPDM |

APPROVED APPLICATIONS

- Potable Water
- Hydronic Heating (50% glycol max)
- Not compatible with soft annealed copper tubing

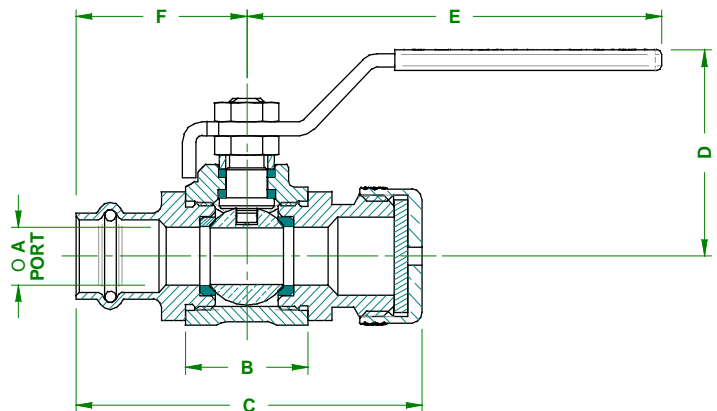
APPROVALS

- MSS SP-110 Ball Valves
- NSF/ANSI 61-8
- Directive 2002/95/CE (RoHS) Compliant



DIMENSIONS (in)

| PART # | SIZE | A | B | C | D | E | F | WT. (LBS.) |
|----------|------|------|------|------|------|------|------|------------|
| 77W103HC | 1/2" | 0.50 | 1.54 | 3.12 | 1.80 | 3.74 | 1.54 | 0.61 |
| 77W104HC | 3/4" | 0.75 | 1.72 | 3.45 | 2.01 | 4.78 | 1.78 | 1.16 |



OPTIONS

- ☐ (-04) 2 1/4" Stem Extension
- ☐ (-07) Tee-Handle
- ☐ (-10) Stainless Steel Handle and Nut
- ☐ (-11) Thermo-Seal™ Insulating Tee Handle
- ☐ (-18) Plain Yellow Grip
- ☐ (-92) Balancing Stop
- ☐ (-94) 2 1/4" Stem Extension and Balancing Stop
- ☐ (77W-140-HC SERIES) S.S. Ball and Stem

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