



64 SERIES

Full-Port Brass Ball Valve

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

DESCRIPTION

The Apollo International® 64 Series is an economy full port forged brass ball valve ideal for a wide range of plumbing and heating applications.

FEATURES

- 100% Factory Tested to MSS SP-110
- Meets ANSI/NSF 61-2004
- Blow-out Proof Stem Design
- Adjustable Stem Packing
- Secondary O-ring Stem Seal
- Directive 2002/95/CE (RoHS) Compliant

PERFORMANCE RATING

- Valve Design Rating: 600 CWP
- Max Temperature: 366°F

MATERIALS

| Part Name | Material |
|---------------|------------------------|
| Body | Forged Brass (Cu >57%) |
| Retainer | Forged Brass (Cu >57%) |
| Ball | Brass, Cr plated |
| Stem | Brass, Cr plated |
| Seat Ring | PTFE |
| Stem Seal | NBR 75 Shore A |
| Stem Packing | PTFE |
| Packing Nut | Plated Steel |
| Packing Gland | Brass |
| Handle | Zinc Plated Steel |
| Handle Cover | PVC |

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: ¼" 1" UL 125, "Guide YSDT"
 ¼"-1" UL 842, "Guides YRPY, JRBX, MHKZ"
 ¼"-2" UL Subject 258, "Guide VQGU"

FM: ¼"-2" per FM1140

NSF: ANSI/NSF 61-2005, "Drinking Water System Components - Health Effects."

OPTIONAL KITS

| Valve Size | Locking Handle | 2" Stem Extension | Balancing Stop |
|------------------|----------------|-------------------|----------------|
| 1/4", 3/8", 1/2" | 78165902 | 78150101 | 78150601 |
| ¾", 1" | 78166002 | 78150201 | 78150701 |
| 1-1/4", 1-1/2" | 78166102 | 78150301 | 78150801 |
| 2" | 78166202 | 78150401 | 78150901 |
| 2-1/2", 3" | N/A | 78150501 | N/A |
| 4" | N/A | | |

* Note: Locking handle cannot be used with 2" stem extension



DIMENSIONS

| Part No. | Size | A | B | C | D | Cv | Wt.(lbs.) |
|---------------|--------|------|-------|------|-------|------|-----------|
| NPT | | | | | | | |
| 64-101 | 1/4" | 0.39 | 2.02 | 1.75 | 3.85 | 6 | 0.33 |
| 64-102 | 3/8" | 0.39 | 2.02 | 1.75 | 3.85 | 7 | 0.30 |
| 64-103 | 1/2" | 0.59 | 2.44 | 1.88 | 3.85 | 19 | 0.51 |
| 64-104 | 3/4" | 0.78 | 2.71 | 2.28 | 4.80 | 34 | 0.80 |
| 64-105 | 1" | 0.98 | 3.07 | 2.44 | 4.80 | 50 | 1.25 |
| 64-106 | 1 1/4" | 1.25 | 3.42 | 3.07 | 6.02 | 104 | 2.26 |
| 64-107 | 1 1/2" | 1.57 | 3.89 | 3.34 | 6.02 | 268 | 3.39 |
| 64-108 | 2" | 1.96 | 4.33 | 3.79 | 6.37 | 309 | 4.25 |
| 64-109 | 2 1/2" | 2.56 | 5.59 | 5.02 | 8.07 | 629 | 8.60 |
| 64-100 | 3" | 3.15 | 6.45 | 5.45 | 8.07 | 1018 | 13.35 |
| 64-10A | 4" | 3.94 | 7.60 | 6.34 | 10.23 | 1622 | 22.05 |
| SOLDER | | | | | | | |
| 64-203 | 1/2" | 0.59 | 2.53 | 1.88 | 3.85 | 19 | 0.51 |
| 64-204 | 3/4" | 0.78 | 2.99 | 2.28 | 4.80 | 34 | 0.78 |
| 64-205 | 1" | 0.98 | 3.58 | 2.44 | 4.80 | 50 | 1.14 |
| 64-206 | 1 1/4" | 1.25 | 4.09 | 3.07 | 6.02 | 104 | 2.07 |
| 64-207 | 1 1/2" | 1.57 | 4.56 | 3.34 | 6.02 | 268 | 3.42 |
| 64-208 | 2" | 1.96 | 5.43 | 3.79 | 6.37 | 309 | 4.49 |
| 64-209 | 2 1/2" | 2.56 | 6.93 | 5.02 | 8.07 | 629 | 10.00 |
| 64-200 | 3" | 3.15 | 8.09 | 5.45 | 8.07 | 1018 | 15.00 |
| 64-20A | 4" | 4.13 | 10.25 | 6.34 | 10.23 | 1622 | 25.00 |

