



# 64 SERIES

## Full-Port Brass Ball Valve

<b>Job Name:</b>	<b>Contractor:</b>
<b>Job Location:</b>	<b>P.O. Number:</b>
<b>Engineer:</b>	<b>Representative:</b>
<b>Tag:</b>	<b>Wholesale Distributor:</b>

### 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:** 1/4"-4" NPT per ANSI Z21.15/CGA 9.1 (1/2 psi)  
 1/4"-4" NPT per ASME B16.44 (5 psi)  
 1/2"-2" NPT per ASME B16.33 (125 psi)  
 2 1/2"-4" NPT per ASME B16.38 (125 psi)
- UL:** 1/4" 1" UL 125, "Guide YSDT"  
 1/4"-1" UL 842, "Guides YRPY, JRBX, MHKZ"  
 1/4"-2" UL Subject 258, "Guide VQGU"
- FM:** 1/4"-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
3/4", 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.)
<b>NPT</b>							
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
<b>SOLDER</b>							
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

