



71 SERIES

Bronze Ball Valve With Mounting Pad

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

DESCRIPTION

The Apollo® 71 Series is a standard port bronze ball valve with direct mounting pad. It is made from proven ASTM grade materials for long service satisfaction.



FEATURES

- Adjustable Packing
- Blow-Out Proof Stem Design
- RPTFE Seats and Stuffing Box Ring
- Chromium Plated Ball
- Mounting Pad for easy Actuator Attachment

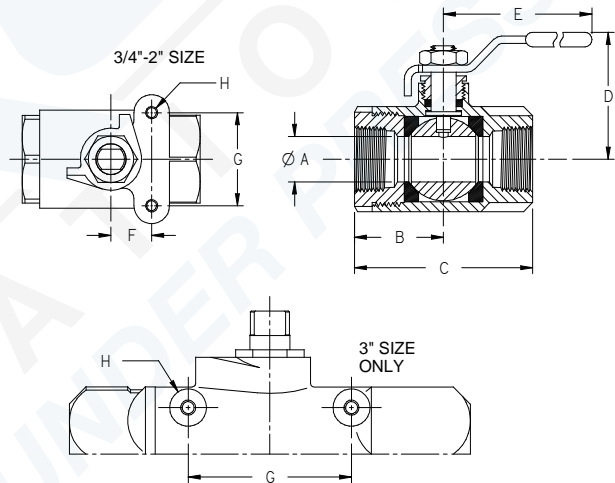
PERFORMANCE RATING

- Maximum Pressure: 600 psi CWP, 150 psi SWP
- Maximum Temperature: 500°F
- Vacuum Service to 29 in. Hg

MODELS

- | | |
|--|-----------------------|
| <input type="checkbox"/> 71-100 Series | Standard |
| <input type="checkbox"/> 71-120 Series | Adjustable Stop Lever |
| <input type="checkbox"/> 71-140 Series | 316 SS Ball & Stem |
| <input type="checkbox"/> 71-150 Series | Balancing Stop |
| <input type="checkbox"/> 71-190 Series | Locked Retainer |

DIMENSIONS



STANDARD MATERIALS LIST

Stem Packing	RPTFE
Stem Bearing	RPTFE
Ball	ASTM B16, Chrome Plated
Seat (2)	RPTFE
Retainer	B16 (3/4" to 1"), B584-C84400 (1 1/4" to 3")
Gland Nut	ASTM B16
Stem	ASTM B16
Lever Nut	Steel, Zinc Plated
Body Seal (1 1/4" to 3")	PTFE
Body	ASTM B584-C84400

Model Number	Size (in.)	Dimensions							
		A	B	C	D	E	F	G	H
71-104	3/4"	0.68	1.50	3.00	2.12	4.87	0.87	1.37	10-24 NC
71-105	1"	0.87	1.68	3.37	2.25	4.87	0.87	1.37	10-24 NC
71-106	1 1/4"	1.00	2.00	4.00	2.62	5.50	0.93	1.50	1/4-20 NC
71-107	1 1/2"	1.25	2.18	4.37	2.87	8.00	0.93	1.50	1/4-20 NC
71-108	2"	1.50	2.34	4.68	3.06	8.00	0.93	1.50	1/4-20 NC
71-100	3"	2.50	3.37	6.75	4.12	8.00	N/A	2.75	1/4-20 NC

APPROVALS

MSS SP-110; Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends

Federal Specification: WW-V-35C, Type: II, Composition: BZ, Style: 3

CRN: OC10908.5C

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28106 USA; www.apollovalves.com; 704-841-6000

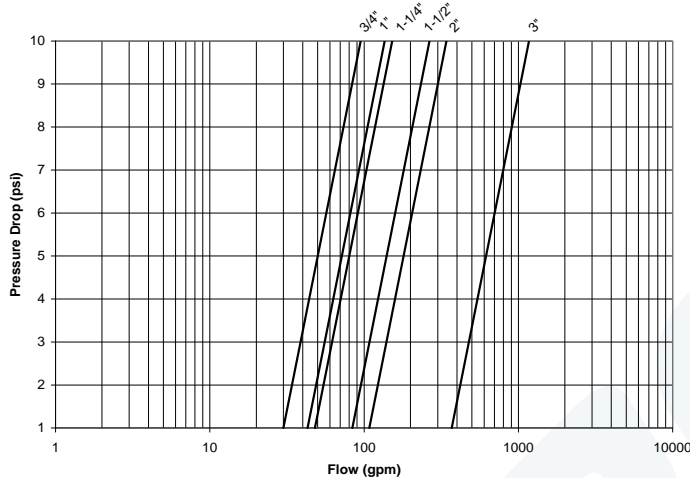
This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.



71 SERIES

Bronze Ball Valve With Mounting Pad

FLOW CHARACTERISTICS



OPTIONS & SIZES

- | | |
|---|-----------|
| <input type="checkbox"/> (-02) Stem Grounded | 3/4" - 3" |
| <input type="checkbox"/> (-03) 1 1/4" CS Stem Extension | 3/4" - 3" |
| <input type="checkbox"/> (-04) 2 1/4" CS Stem Extension | 3/4" - 3" |
| <input type="checkbox"/> (-05) Plain Ball | 3/4" - 3" |
| <input type="checkbox"/> (-07) Steel Tee Handle | 3/4" - 2" |
| <input type="checkbox"/> (-08) 90° Reversed Stem | 3/4" - 3" |
| <input type="checkbox"/> (-10) SS Lever & Nut | 3/4" - 3" |
| <input type="checkbox"/> (-14) Side Vented Ball (Uni-Directional) | 3/4" - 3" |
| <input type="checkbox"/> (-15) Wheel Handle, Steel | 3/4" - 2" |
| <input type="checkbox"/> (-16) Chain Lever-Vertical | 3/4" - 2" |
| <input type="checkbox"/> (-21) UHMWPE Trim (Non-PTFE) | 3/4" - 3" |
| <input type="checkbox"/> (-24) Graphite Packing | 3/4" - 3" |
| <input type="checkbox"/> (-27) SS Latch-Lck Lever & Nut | 3/4" - 3" |
| <input type="checkbox"/> (-30) Cam-Lock & Grounded | 3/4" - 2" |
| <input type="checkbox"/> (-32) SS Tee Handle & Nut | 3/4" - 2" |
| <input type="checkbox"/> (-35) VTFE Trim | 3/4" - 3" |
| <input type="checkbox"/> (-39) SS Hi-Rise Locking Wheel Handle & Nut | 3/4" - 2" |
| <input type="checkbox"/> (-40) Cyl-Loc & Grounded | 3/4" - 2" |
| <input type="checkbox"/> (-41) Automatic Drain (Bronze Valves Only) | 3/4" - 2" |
| <input type="checkbox"/> (-45) Less Lever & Nut | 3/4" - 3" |
| <input type="checkbox"/> (-46) Latch Lck Lever-Lck Closed Position Only | 3/4" - 3" |
| <input type="checkbox"/> (-47) SS Oval Latch-Lock Handle & Nut | 3/4" - 1" |
| <input type="checkbox"/> (-48) SS Oval Handle (No Latch) & Nut | 3/4" - 2" |
| <input type="checkbox"/> (-49) Assembled Dry | 3/4" - 3" |
| <input type="checkbox"/> (-50) 2-1/4" CS Locking Stem Extension | 3/4" - 3" |
| <input type="checkbox"/> (-56) MPTFE Seats and Packing | 3/4" - 3" |
| <input type="checkbox"/> (-57) Oxygen Cleaned | 3/4" - 3" |
| <input type="checkbox"/> (-58) Chain Lever-Horizontal | 3/4" - 2" |
| <input type="checkbox"/> (-60) Static Grounded Ball & Stem | 3/4" - 3" |
| <input type="checkbox"/> (-64) 250# Steam Trim | 3/4" - 3" |
| <input type="checkbox"/> (-P01) BSPP (Parallel) Thread Connection | 3/4" - 3" |
| <input type="checkbox"/> (-T01) BSPT (Tapered) Thread Connection | 3/4" - 3" |

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28106 USA; www.apollovalves.com; 704-841-6000

Conbraco Industries can accept no responsibility for possible errors in this document and reserves the right to alter its product design or construction without notice and without incurring any obligation to make such changes on Conbraco products previously or subsequently sold. All product specifications are approximate and are provided for reference only.