



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

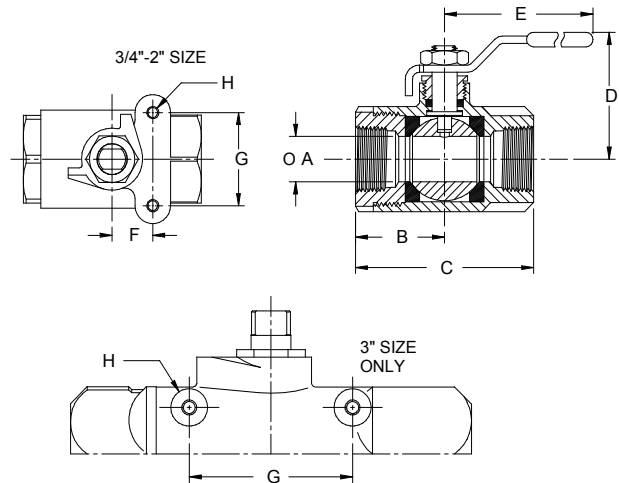
PERFORMANCE RATING

- 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

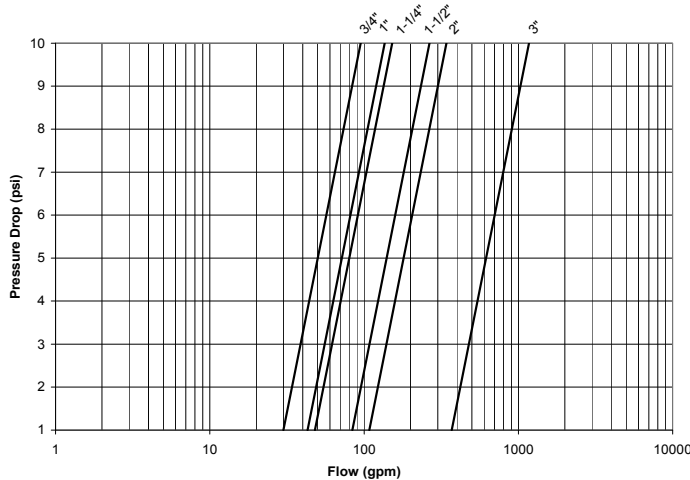
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FLOW CHARACTERISTICS



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" |

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