

'Apollo' Valves

SUBMITTAL SHEET

70-100 Series

Standard Port Threaded Ball Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo® 70 Series is the most widely used general purpose bronze ball valve on the market today. The 70-100 model is a 2-piece standard port* ball valve featuring female NPT connections. Cast and machined in Apollo's South Carolina manufacturing plants, these valves provide trusted performance and a wide range of options.

FEATURES

- Premium Materials and Heavy Duty Construction
- Adjustable Stem Packing Gland
- Blow-Out Proof Stem Design
- RPTFE Seats and MPTFE Stem Packing Rings
- Chromium Plated Ball
- 100% Factory Tested
- Wide Range of Options (See Page 2)
- **Manufactured in the USA – ARRA Compliant**

MODELS

- 70-100 Series Standard
- 70-140 Series 316 SS Ball & Stem
- 70-190 Series Pinned Retainer
- 70LF Series Lead Free Option
(Refer to 70LF submittal sheet for specifications)

APPROVALS

- MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- CSA B51 CRN: OC10908.5C

STANDARD MATERIALS LIST

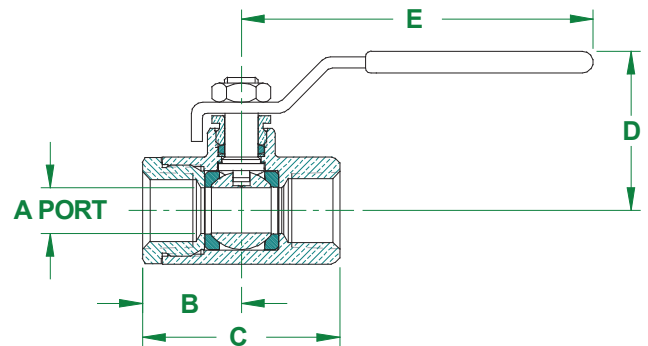
Part Name	Material
Lever and Grip	Steel, Zinc Plated w/ Vinyl
Stem Packing	MPTFE
Stem Bearing	RPTFE
Ball	B16, Chrome Plated or B283, C37700
Seat (2)	RPTFE
Retainer	B16 or B283, C37700 (1/4" to 1"), B584-C84400 (1 1/4" to 4")
Gland Nut	B16
Stem	B16
Lever Nut	Steel, Zinc Plated
Body Seal (1 1/4" to 4")	PTFE
Body	B584-C84400

PERFORMANCE RATING

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

DIMENSIONS

Part Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)
		A	B	C	D	E	
70-101-01	1/4"	0.37	1.03	2.06	1.75	3.87	0.60
70-102-01	3/8"	0.37	1.03	2.06	1.75	3.87	0.56
70-103-01	1/2"	0.50	1.12	2.17	1.75	3.87	0.63
70-104-01	3/4"	0.68	1.50	3.00	2.12	4.87	1.39
70-105-01	1"	0.87	1.68	3.37	2.25	4.87	1.72
70-106-01	1-1/4"	1.00	2.00	4.00	2.62	5.50	3.26
70-107-01	1-1/2"	1.25	2.18	4.37	3.06	8.00	4.61
70-108-01	2"	1.50	2.34	4.68	3.25	8.00	6.06
70-109-01A	2-1/2"	2.00	3.12	6.25	3.72	8.00	17.25
70-100-01	3"	2.50	3.37	6.75	4.12	8.00	18.60
70-10A-01	4"	3.12	3.68	7.37	5.25	10.00	25.50



Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
 701 Matthews Mint-Hill Road, Matthews, NC 28105 USA
www.apollovalves.com | (704) 841-6000

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OPTIONS & SIZES

• (-02) Stem Grounded	1/4" - 4"
• (-04) 2 1/4" CS Stem Extension	1/4" - 3"
• (-05) Plain Ball	1/4" - 3"
• (-07) Steel Tee Handle	1/4" - 2"
• (-08) 90° Reversed Stem	1/4" - 3"
• (-10) SS Lever & Nut	1/4" - 3"
• (-11) Therma-Seal™ Insulating Tee Handle	1/4" - 2"
• (-14) Side Vented Ball (Uni-Directional)	1/4" - 4"
• (-15) Wheel Handle, Steel	1/4" - 2"
• (-16) Chain Lever-Vertical	3/4" - 2"
• (-21) UHMWPE Trim (Non-PTFE)	1/4" - 3"
• (-24) Graphite Packing	1/4" - 3"
• (-27) SS Latch-Lck Lever & Nut	1/4" - 3"
• (-30) Cam-Lock & Grounded	1/4" - 2"
• (-32) SS Tee Handle & Nut	1/4" - 2"
• (-35) VTFE Trim	1/4" - 3"
• (-36) SS Hi-Rise Round Handle, SS Nut	1/4" - 2"
• (-39) SS Hi-Rise Locking Wheel Handle & Nut	1/4" - 2"
• (-40) Cyl-Loc & Grounded	1/4" - 2"
• (-41) Automatic Drain (Bronze Valves Only)	1/4" - 2"
• (-45) Less Lever & Nut	1/4" - 3"
• (-46) Latch Lck Lever-Lck Closed Position Only	1/4" - 3"
• (-47) SS Oval Latch-Lock Handle & Nut	1/4" - 1"
• (-48) SS Oval Handle (No Latch) & Nut	1/4" - 2"
• (-49) Assembled Dry	1/4" - 4"
• (-50) 2-1/4" CS Locking Stem Extension	1/4" - 3"
• (-56) MPTFE Seats and Packing	1/4" - 3"
• (-57) Oxygen Cleaned	1/4" - 4"
• (-58) Chain Lever-Horizontal	3/4" - 2"
• (-60) Static Grounded Ball & Stem	1/4" - 3"
• (-63) NPT x Solder	3/8" - 4"
• (-64) 250# Steam Trim	1/4" - 3"
• (-92) Balancing Stop	1/4" - 3"
• (-94) 2-1/4" Stem Extension & Balancing Stop	3/8" - 3"
• (-HC) Hose Thread w./ Cap & Chain	1/2" - 1"
• (-P01) BSPP (Parallel) Thread Connection	1/4" - 3"
• (-T01) BSPT (Tapered) Thread Connection	1/4" - 3"
• (-BC) Integral Check Cartridge (250psi max)	1/2" - 2"

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