

# 'Apollo' Valves

## SUBMITTAL SHEET

### 80-100 Series

UL Listed Shut-Off Bronze Ball Valve



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



### DESCRIPTION

The Apollo® 80 Series Bronze Ball Valve is UL Listed and designed as a safe shut off valve for LP gas, natural gas, flammable liquids and heated oil.

### FEATURES

- Adjustable Packing Gland
- Blow-Out Proof Stem Design
- RPTFE Seats and Seals
- Chromium Plated Ball

### PERFORMANCE RATING

- Maximum Pressure: 600 psi CWP, 250 psi LP Gas, 150 psi SWP
- Vacuum Service to 29 in. Hg

### OPTIONS & SIZES

- (-07) Tee Handle, Steel (1/4" to 3")
- (-27) SS Latch-Lock Lever & Nut (1/4" to 3")

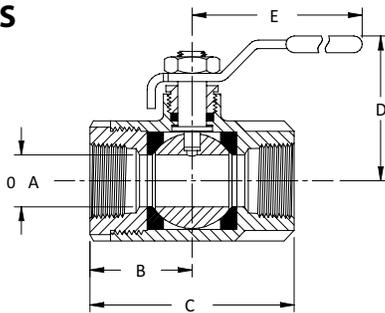
### APPROVALS

- MSS SP-110; Ball Valves
- Federal Specification: WW-V-35C, Type: II, Composition: BZ, Style: 3
- CRN: OC10908.5C
- Guide YSDT: LP-Gas Shut-Off Valve
- Guide YRPV: Gas Shut-Off Valve for use with natural and manufactured gases
- Guide YRBX: Flammable liquid shutoff valve
- Guide MHKZ: No. 6 oil at 250°F

### STANDARD MATERIALS LIST

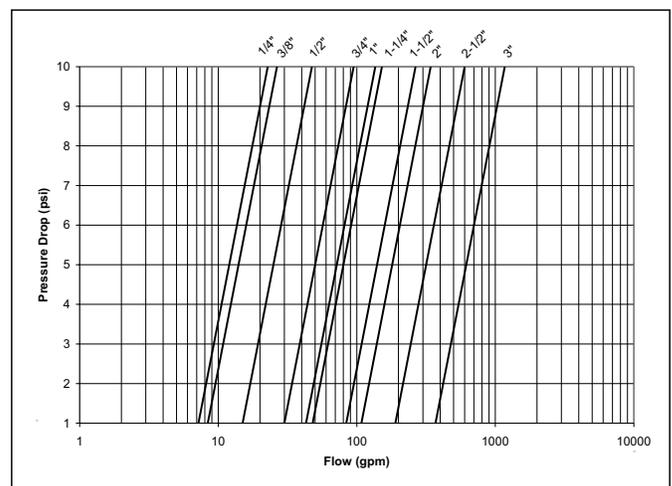
Part Name	Material
Lever and Grip	Steel, Zinc Plated w/ Vinyl
Stem Packing	RPTFE
Stem Bearing	RPTFE
Ball	B16, Chrome Plated or B283, C37700 Chrome Plated
Seat (2)	RPTFE
Retainer	B16 (1/4" to 1"), B584-C84400 (1-1/4" to 3") or B283, C37700
Gland Nut	B16
Stem	B16
Lever Nut	Steel, Zinc Plated
Body Seal (1-1/4" to 3")	PTFE
Body	B584-C84400

### DIMENSIONS



Model Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)
		A	B	C	D	E	
80-101	1/4"	0.37	1.03	2.06	1.75	3.87	0.60
80-102	3/8"	0.37	1.03	2.06	1.75	3.87	0.56
80-103	1/2"	0.50	1.12	2.25	1.81	3.87	0.63
80-104	3/4"	0.68	1.50	3.00	2.12	4.87	1.39
80-105	1"	0.87	1.68	3.37	2.25	4.87	1.72
80-106	1-1/4"	1.00	2.00	4.00	2.62	5.50	3.26
80-107	1-1/2"	1.25	2.18	4.37	2.87	5.50	4.57
80-108	2"	1.50	2.34	4.68	3.06	5.50	5.56
80-109	2-1/2"	2.50	3.25	6.50	4.12	8.00	17.25
80-100	3"	2.50	3.37	6.75	4.12	8.00	18.60

### FLOW CHARACTERISTICS



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

*This specification is provided for reference only. Conbraco Industries Inc. 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. Please visit our website @ [www.apollovalves.com](http://www.apollovalves.com) for the most current information.*

