

'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")

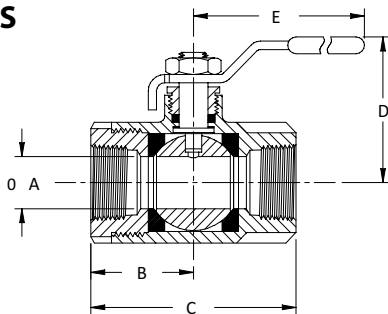
APPROVALS

- 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

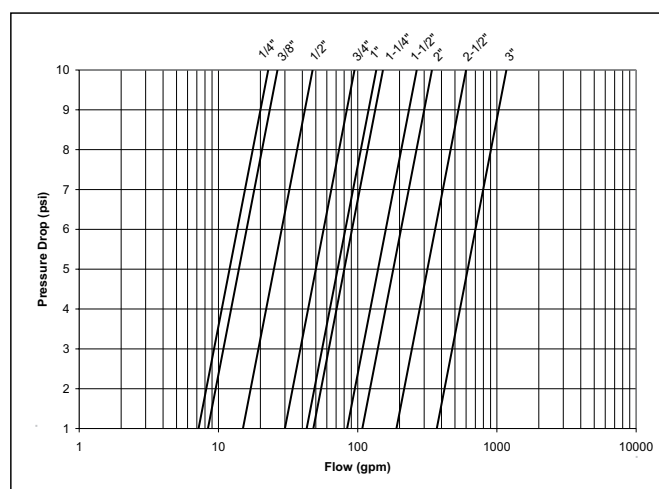
Part Name	Material
Lever and Grip	Steel, Zinc Plated w/ Vinyl
Stem Packing	RPTFE
Stem Bearing	RPTFE
Ball	B16, Chrome Plated or B283, C37700 Chrome Plated
Seat (2)	RPTFE
Retainer	B16 (1/4" to 1"), B584-C84400 (1-1/4" to 3") or B283, C37700
Gland Nut	B16
Stem	B16
Lever Nut	Steel, Zinc Plated
Body Seal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