



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

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
- Blowout-Proof Stem Design
- RPTFE Seats and Seals
- Chromium Plated Ball

OPTIONS

- (-07) Tee Handle, Steel
- (-27) SS Latch-Lock Lever & Nut
- 80-14X-01 Series – 316 SS Vented Ball and Stem

STANDARD MATERIALS LIST

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

PERFORMANCE RATING

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

UL LISTED

- UL 125 - Flow Control Valves for LP-Gas, Guide YSDT to 250 psi max
- UL 842 - Valves for Flammable Fluids, Guides YRBX, YRPV, and MHKZ to 250 psi max.
- UL 1477 - Compressed Gas Shutoff Valves, Guide YQNZ to 250 psi max

DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)				
		A	B	C	D	E
80-101-01	1/4	0.37	1.03	2.06	1.75	3.87
80-102-01	3/8	0.37	1.03	2.06	1.75	3.87
80-103-01	1/2	0.50	1.12	2.25	1.81	3.87
80-104-01	3/4	0.68	1.50	3.00	2.12	4.87
80-105-01	1	0.87	1.68	3.37	2.25	4.87
80-106-01	1-1/4	1.00	2.00	4.00	2.62	5.50
80-107-01	1-1/2	1.25	2.18	4.37	2.87	5.50
80-108-01	2	1.50	2.34	4.68	3.06	5.50
80-109-01	2-1/2	2.50	3.25	6.50	4.12	8.00
80-100-01	3	2.50	3.37	6.75	4.12	8.00

