



50GB SERIES

BRONZE GAS SHUT-OFF BALL VALVE

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

DESCRIPTION

The Apollo® GB-50 series bronze ball valves are designed with proven ASTM grade corrosion resistant materials for “main burner” applications, with cast-in single or dual pilot taps for faster, simpler installation. Options include a die-cast zinc “wing” or “tee” handle.

FEATURES

- Rated Gas Pressures of ½ and 5 psig
- Full port design ensures maximum capacity
- Reversible Steel Lever Handle
- For natural gas, manufactured and mixed gases, LP gas and LP gas-air mixtures
- Wing and Tee Handle options
- UL 125 and UL 842 listed
- 100% factory tested
- **Made In USA**

MATERIAL

Part Name	Material
Body	ASTM B584 Bronze
Ball	ASTM B16 Brass, Cr PLT
Stem Packing	RPTFE
Seat	PTFE
Stem/Gland	ASTM B16 Brass
Retainer	ASTM B16 Brass
Handle / Nut	Steel, Zn PLT, Plastisol Grip

CAPACITIES AND DIMENSIONS

Single Tapped	Size (in)	Side Tap	Port	A	B	C	D	BTU/hr
50GB301	½"	1/8"	0.5	2.25	1.68	3.85	1.00	693,000
50GB401	¾"	1/8"	0.75	2.67	1.93	3.85	1.12	1,258,000
50GB501	1"	1/8"	1	3.42	2.19	4.78	1.53	3,144,000
50GB601	1¼"	1/8"	1.25	3.86	2.37	4.78	1.62	3,250,000
50GB701	1½"	1/8"	1.5	4.22	2.81	5.40	1.81	7,745,000
50GB801	2"	1/8"	2	5.02	3.18	5.40	2.18	14,741,000
50GB5A1	1"	1/4"	1	3.42	2.19	4.78	1.53	3,144,000
50GB6A1	1¼"	1/4"	1.25	3.86	2.37	4.78	1.62	6,441,000
50GB7A1	1½"	1/4"	1.5	4.22	2.81	5.40	1.81	7,745,000
50GB8A1	2"	1/4"	2	5.02	3.18	5.40	2.18	14,741,000

Note: Capacities based on 1000 BTU/cubic feet gas at 0.64 specific gravity, at a P.D. of 1" W.C.

Specify suffix **-A** for dual tapped version. ½" not available dual tapped.



OPTION:

- 1/8" Side Tap - Standard
- 1/4" Side Tap (1" and larger)
- Dual Tap (¾" and larger) –A Suffix
- Tee Handle
- Wing Handle

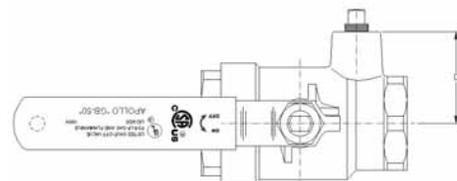
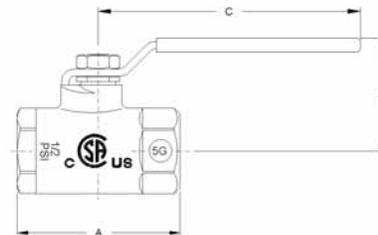
GB-50A

GB50-A



APPROVALS

- ANSI Z21.15, CGA 9.1 (1/2 psig Service) indoor gas shutoff
- ASME B16.44 (5 psig Service)
- MSS SP-10; Ball Valves
- Federal Specification: WW-V-35C, Type: II
- Canadian Registration Number: 0C10908.5C
- Guide YRPV: Gas Shut-Off Valve for use with natural and manufactured gases
- Guide YSTD: LP Gas shut-off valve
- Guide YRBX: Flammable liquid shutoff valve
- Guide MHKZ: No. 6 oil at 250°F



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