

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series GBV-1

1-Piece, Brass Gas Ball Valves

Sizes: ½" and ¾"

Series GBV-1 1-Piece, Brass Gas Ball Valves are used in residential applications for manufactured natural gas and LP gas on in-house and indoor piping systems. They feature a blowout proof stem design, brass ball and stem, PTFE seats, brass retainer and cap, rubber O-ring, and aluminum handle. Series GBV-1 complies with ANSI standards for gas piping and is UL and CSA approved.

Features

- Patented blowout proof stem design
- 1-piece body

Specifications

A 1-piece, brass gas ball valve to be installed as indicated on the plans. The valve must have a blowout proof stem, PTFE seats, chrome plated brass stem and ball. Pressure rating no less than 5psi (34 kPa) WOG non-shock. Valve shall have female NPT end connections. Valve shall be a Watts Regulator Company Series GBV-1.

Pressure – Temperature

Temperature Range: -20°F – 125°F (-29°C – 52°C)

Maximum Working Pressure: 5psi (34 kPa) WOG non-shock

Approvals

CSA and ANSI Z21.15 approved @ ½ and 5psi (3 and 34 kPa)

UL approved @ 5psi (34 kPa)



GBV-1

NOTICE

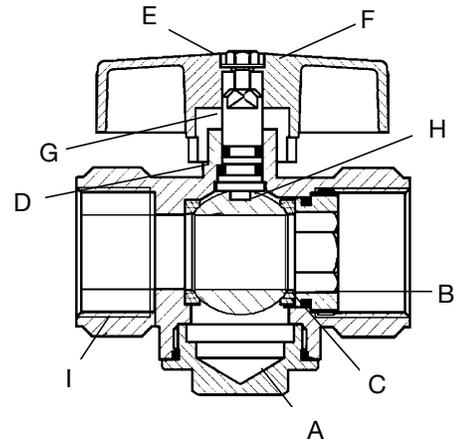
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

Materials

A. Cap	Brass ASTM B124, C37700
B. Retainer	Brass ASTM B124, C37700
C. Seat	PTFE
D. O-ring	Rubber (NBR)
E. Screw	Steel
F. Tee Lever	Handle Aluminum
G. Stem	Chrome Plated Brass ASTM B124, C37700
H. Ball	Chrome Plated Brass ASTM B124, C37700
I. Body	Brass ASTM B124, C37700



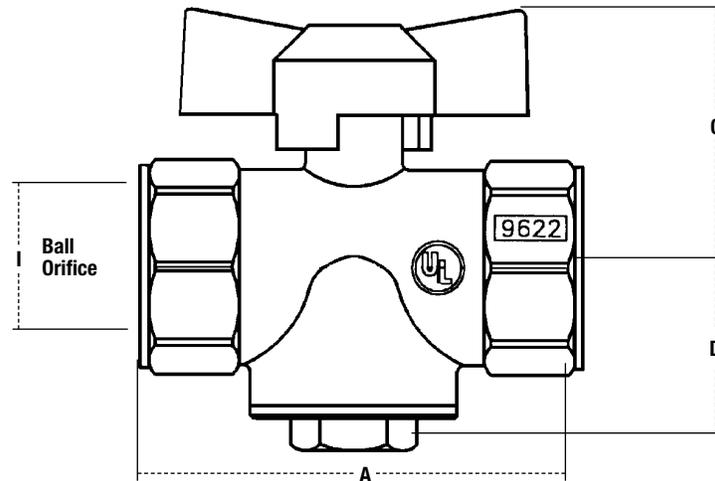
Flow Capacities

1/2" @ 295 ft³/hr.

3/4" @ 760 ft³/hr.

*Capacities based on gas having a heating value of 1000 BTU per cubic foot, 0.64 specific gravity, 1.0" w.c. pressure drop.

Dimensions — Weights



SIZE	DIMENSIONS						WEIGHT			
	A		C		D		I		lbs.	kgs.
in.	in.	mm	in.	mm	in.	mm	in.	mm		
1/2	2 ⁵ / ₁₆	59	1 ⁷ / ₁₆	37	1 ⁵ / ₁₆	24	1/2	15	.41	.19
3/4	2 ¹¹ / ₁₆	68	1 ⁵ / ₈	41	1 ¹ / ₈	29	9/16	15	.65	.30

Note: This valve is not to be used as a mainline shutoff valve. Refer to literature ES-FBV-3 for mainline shutoff applications.



USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com

Canada: T: (905) 332-4090 • F: (905) 332-7068 • Watts.ca

Latin America: T: (52) 81-1001-8600 • Watts.com