

For Residential Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series GBV-1

1-Piece, Brass Gas Ball Valves

Sizes: 1/2" and 3/4" (15 and 20mm)

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

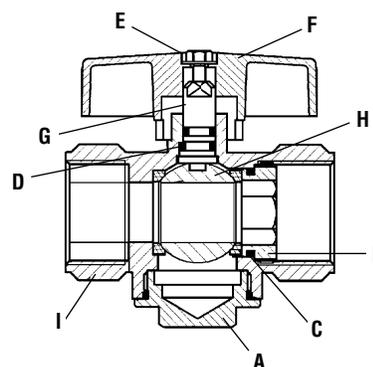
Approvals

CSA and ANSI Z21.15 approved @ 1/2 and 5psi (3 and 34 kPa)

UL approved @ 5psi (34 kPa)



GBV-1



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



Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

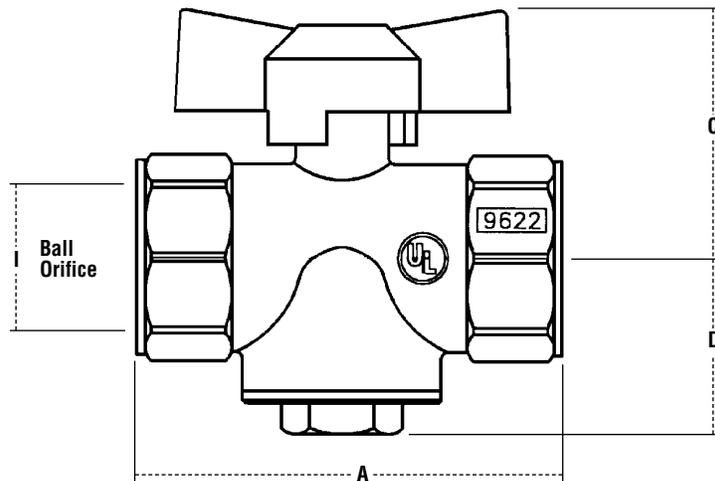
Flow Capacities

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 (DN)		DIMENSIONS								WEIGHT	
		A		C		D		I			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
1/2	15	2 ⁵ / ₁₆	59	1 ⁷ / ₁₆	37	1 ⁵ / ₁₆	24	1/2	15	.41	.19
3/4	20	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.



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