

For Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LFGV Lead Free* Bronze Gate Valves

Sizes 1/4" - 4" (8 - 100mm)

Series LFGV Lead Free* Bronze Gate Valves are ideal for general service on water, steam, oil or compressed gas applications. This Series features threaded IPS bonnet, non-rising stem and Lead Free* bronze body. The LFGV features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Threaded IPS bonnet
- Non-rising stem
- Lead Free* bronze body
- 1/4" - 4" (8 - 100mm) threaded IPS end connections

Materials List

PART	MATERIAL
Body	Lead Free* bronze
Bonnet	Lead Free* bronze
Stem	Brass
*Disc	ASTM B-584
Lock Nut	Brass
Packing Nut	Brass
Gland	Brass
Gland Packing	Teflon®
Hand Wheel	Cast Iron
Wheel Nut	Brass
Name Plate	Aluminum



LFGV

Pressure — Temperature

- 1/4" - 2" (8 - 50mm): 125psi (8.6 bar) WSP/200 (13.8 bar) WOG non-shock
- 2 1/2" - 4" (65 - 100mm): 150psi (10.3 bar) WSP/300 (20.7 bar) WOG non-shock

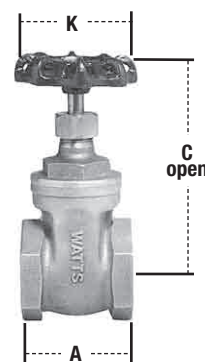
Specifications

Valve shall be manufactured using Lead Free* bronze and be pressure rated to 125psi WSP and 200psi WOG non-shock sizes 1/4" - 2", 2 1/2" - 4" valves to be pressure rated 150psi WSP and 300psi WOG. Lead Free* bronze gate valves shall be constructed using Lead Free* materials. Lead Free valve shall comply with state codes and standards, where applicable, requiring reduced lead content. Valves shall have threaded IPS bonnet and non-rising stem. Valves shall be a Watts Series LFGV.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

SIZE (DN)		DIMENSIONS						WEIGHT	
in.	mm	A		C		K		lbs.	kg
1/4	8	1 5/8	41	3	76	1 15/16	43	.62	.28
3/8	10	1 5/8	41	3 3/16	81	1 15/16	43	.62	.28
1/2	15	1 3/4	44	3 3/8	86	2 3/16	55	.71	.32
3/4	20	1 15/16	49	3 5/8	92	2 3/8	60	.93	.42
1	25	2 1/8	54	4 7/16	113	2 9/16	64	1.20	.54
1 1/4	32	2 3/8	60	5	127	2 3/4	70	2.00	.91
1 1/2	40	2 1/2	64	5 3/8	137	3 3/8	79	2.70	1.22
2	50	2 7/8	73	6 1/2	165	3 9/16	90	3.40	1.54
2 1/2	65	3 1/2	89	8	200	4 5/16	108	6.40	2.90
3	80	3 15/16	100	9 9/16	234	4 15/16	124	29.30	13.29
4	100	4 3/4	121	10 3/4	273	5 3/4	146	118.00	53.57

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.



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ES-LFGV 1323



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