

For Commercial Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series GV

Bronze Gate Valves

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

Series GV 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 bronze body.

Features

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



GV

Materials List

Part	Material
*Body	ASTM B-584
*Bonnet	ASTM B-584
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

*Bronze: ASTM B-584 / UNS-C84400

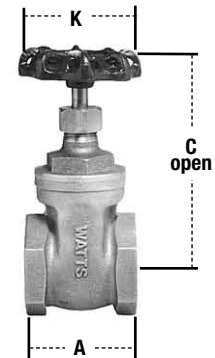
Pressure — Temperature

- 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 ASTM B-584 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. Valves shall have threaded IPS bonnet and non-rising stem. Valves shall be a Watts Series GV.

SIZE (DN)		Dimensions						Weight	
		A		C		K			
in.	mm	in.	mm	in.	mm	in.	mm	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 1/8	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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