

Full-flow Bronze Gate Valve (W- WB131)

◆ Application:

The Watts W-WB131 Full-flow Bronze Gate Valve is designed to cut off or connect water, noncorrosive liquid in the pipeline. It's generally used in building services, water treatment, etc.

◆ Features:

1. Compact structure, reliable sealing;
2. Simple structure, convenient maintenance;
3. In the closed state, the disc seal face and body seal face are not easily to erode by medium;
4. Convenient operation, short on-off time, easy to maintenance;
5. Unrestricted medium flow direction;
6. Small fluid resistance.



◆ Working Principles:

The stem nut installed on the gate drives the gate to rise and fall by stem rotation while the stem itself does not rise or fall.

◆ Technical Parameters:

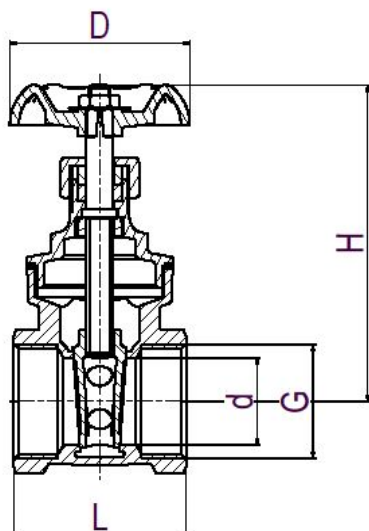
Nominal Diameter:	DN15~DN50
Nominal Pressure:	PN25
Working Temperature:	-20℃~120℃
Working Medium:	Water, noncorrosive liquid
Connection Type:	Threaded
Connection Standard:	BS 5154-1991
Test Standard:	BS 6755

◆ Material:

Part	Body	Bonnet	Stem	Disc	Handwheel
Material	Bronze	Bronze	Brass	Bronze	Cast Iron with spray paint

◆ Installation Dimensions:

Connection Dimensions: GB/T 7307;



Size DN(mm)	Dimension parameter (mm)				
	L	H	d	D	G
15	45	71.3	Φ12.7	Φ54	G 1/2
20	50	83.7	Φ19	Φ56	G 3/4
25	57	96.6	Φ25	Φ62	G 1
32	64	116.6	Φ32	Φ67	G 1-1/4
40	66	136.2	Φ38	Φ75	G 1-1/2
50	73	157.5	Φ50	Φ82	G 2

◆ Typical Application:

1. Water plant and water source project;
2. Environmental protection;
3. Municipal facilities;
4. Electric power and utilities;
5. Construction industry.

◆ Installation Instructions:

- (1) The valve's rated parameters should match the equipment's. Make sure that the valve's rated flow satisfies the actual demand;
- (2) The installer must be trained or experienced so as to operate the installation correctly;
- (3) A thorough check after installation is needed to ensure no errors;
- (4) A thorough cleaning before installation is needed (chemical reagent can be applied if it is necessary) to ensure that there is not any rusting or dirt in the pipe. All the filters must be removed before washing to keep the pipe smoothly open;
- (5) When beginning to wash the system, it is suggested to install the valve on a temporary pipe. After finishing system cleaning, move the valve back and install it on the system's pipe;
- (6) This product should not be used when the fluid medium has high viscosity (contains much grease or mineral oil), or under corrosive circumstances;
- (7) Use threaded connector that meets the standard to connect the valve.