



Series W-WB131-NPT (DN15-DN50)

Series W-WB131-BSPT (DN15-DN50)



Full-flow Bronze Gate Valve (NRS)

1

Full-flow Bronze Gate Valve

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. Threaded bonnet.
3. Solid wedge disc.
4. Low pressure drop.
5. Unrestricted flow direction.
6. Easy maintenance.

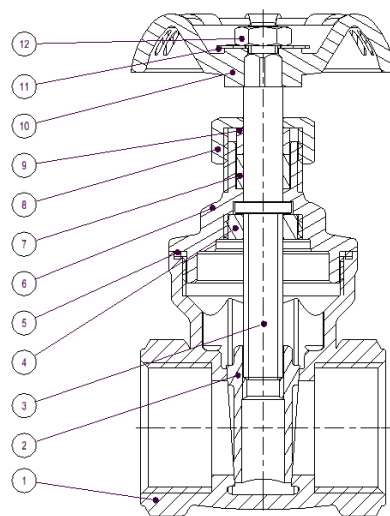


Technical Parameters:

Nominal Diameter:	DN15~DN50
Nominal Pressure:	PN25
Working Temperature:	-20°C~120°C
Working Medium:	Water, noncorrosive liquid
Connection Type:	Threaded NPT to ASME B1.20.1, BSPT to BS EN 10226(BS21)
Test Standard:	MSS SP-80

Material:

1. Valve Body:	Bronze C84400
2. Valve Disc:	Brass CW602N
3. Stem:	Brass HPb59-1
4. Nut:	Brass HPb58-3
5. Sealing Washer:	PTFE
6. Cover:	Bronze C84400
7. Packing:	PTFE
8. Nut:	Brass HPb58-3
9. Gasket:	Brass HPb58-3
10. Handwheel:	Cast Iron with spray paint(Red)
11. Name Plate:	AL
12. Nut:	Steel (Galvanized)



Watts product specifications in metric units 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.



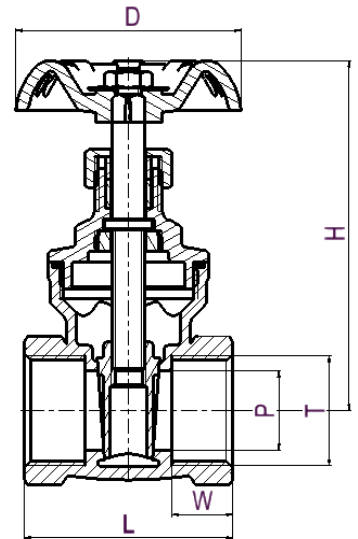
Installation Dimensions:

Connection Dimensions: ASME B1.20.1

Size DN (mm)	Dimension parameter (mm)						Weight (g)
	L	H	P	D	T	W	
15	45	71.3	Φ12.7	Φ53	1/2 NPT	12.5	276
20	50	84.5	Φ19.2	Φ53	3/4 NPT	14.5	430
25	57	97.4	Φ25	Φ60	1 NPT	16	605
32	64	120.2	Φ32	Φ72	1 1/4 NPT	16.5	946
40	66	137.5	Φ38.1	Φ78	1 1/2 NPT	16.5	1270
50	73	156.8	Φ50	Φ90	2 NPT	19.5	1850

Connection Dimensions: BS EN 10226(BS21)

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32	64	120.2	Φ32	Φ72	1 1/4 BSPT	16.5	946
40	66	136.2	Φ38.1	Φ78	1 1/2 BSPT	16.5	1270
50	73	156.8	Φ50	Φ90	2 BSPT	19.5	1850



Typical Application:

1. Chilled water and potable water application.
2. Environmental protection.
3. Municipal facilities.
4. Electric power and utilities.
5. Construction industry.

Installation Instructions:

- (1) The installer must be trained or experienced so as to operate the installation correctly.
- (2) A thorough check after installation is needed to ensure no errors.
- (3) A thorough cleaning before installation is needed (chemical reagent can be applied if it is necessary) to ensure that there is no rusting or dirt in the pipe.
- (4) This product should not be used when the fluid medium has high viscosity (contains much grease or mineral oil).
- (5) Use threaded connector that meets the standard to connect the valve.

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