

Series W-Z15W-25T

W-Z15W-25T-EN-202112

DZR Brass Gate Valve

Size: DN15-DN50

The Watts W-Z15W-25T Full-flow DZR Brass 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

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

Pressure - Temperature

- Nominal Pressure: PN25
- Working Temperature: 0 °C ~95 °C

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.

Material

No.	Component	Material
1	Body	DZR Brass
2	Bonnet	DZR Brass
3	Disc	DZR Brass
4	Stem	DZR Brass
5	Handwheel	Cast Iron

Installation Dimensions

Size DN(mm)	Dimensions(mm)				
	L	H	A	B	G*
15	41	76	Ø13.5	Ø52	1/2"
20	46	84	Ø19	Ø58	3/4"
25	51	92	Ø25	Ø58	1"
32	58	110	Ø30	Ø78	1 1/4"
40	58	116	Ø35	Ø78	1 1/2"
50	70	145	Ø45	Ø100	2"

*Available in both connections standard BSPT & NPT

Installation Instructions

- The valve's rated parameters should match the equipment's. Make sure that the valve's rated flow satisfies the actual demand;
- The installer must be trained or experienced so as to operate the installation correctly;
- When installing the valve, valve should be fully closed ;
- A thorough check after installation is needed to ensure no errors;
- 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;
- 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;
- This product should not be used when the fluid medium has high viscosity (contains much grease or mineral oil), or under corrosive circumstances;
- Valves are not allowed to be installed at the end of the pipe;
- Use threaded connector that meets the standard to connect the valve.



Specification

- Connection Standard: BSPT to ISO 7-1
NPT to ASME 1.20.1
- Test Standard: BS EN 12266-1
- Working Medium: Water, noncorrosive liquid

Typical Application

- Water plant and water source project
- Environmental protection
- Municipal facilities
- Electric power and utilities
- Construction industry

