

# R251W



Water  
Management

## Ball valve specific for domestic water, standard port

Datasheet  
0601EN  08/2023



Ball valve, with female-female connections, specific for domestic water.  
Standard port.

### Versions and product codes

| PRODUCT CODE | CONNECTIONS           | FINISHING           | HANDLE TYPE | HANDLE COLOR |
|--------------|-----------------------|---------------------|-------------|--------------|
| R251WX022    | Rp 3/8" x Rp 3/8"     | Nickel plated brass | T-handle    | Green        |
| R251WX023    | Rp 1/2" x Rp 1/2"     | Nickel plated brass | T-handle    | Green        |
| R251WX024    | Rp 3/4" x Rp 3/4"     | Nickel plated brass | T-handle    | Green        |
| R251WX025    | Rp 1" x Rp 1"         | Nickel plated brass | T-handle    | Green        |
| R251WX026    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | T-handle    | Green        |



**GIACOMINI**  
WATER E-MOTION



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## Technical data

### Main features and materials

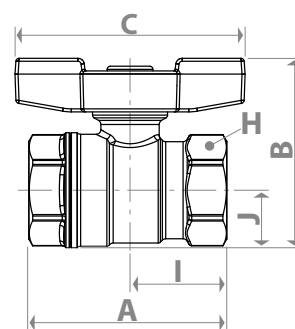
- Specific for domestic water
- Standard port
- Valve made of UNI EN 12165 CW617N Nickel plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Aluminium T-handle, green painted

### Field of applications

- Temperature range: 5÷120 °C
- Max. working pressure at 20 °C with water and not dangerous gas:  
4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

## Dimensions and Kv

| PRODUCT CODE | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251WX022    | 10 | 48     | 24     | 49     | 14     | 63     | wr.21  | 6,7  |
| R251WX023    | 14 | 56     | 28     | 51     | 15     | 63     | wr.25  | 10,2 |
| R251WX024    | 18 | 68     | 34     | 60     | 18     | 73     | wr.32  | 18,5 |
| R251WX025    | 22 | 79     | 40     | 69     | 23     | 73     | wr.40  | 36,3 |
| R251WX026    | 28 | 92     | 46     | 77     | 27     | 73     | wr.48  | 73,5 |



## Product specifications

### R251W

Ball valve, with female-female threaded connections. Specific for domestic water. Valve made of UNI EN 12165 CW617N Nickel plated brass. Standard port. Aluminium T-handle, green painted. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Temperature range: 5÷120 °C. Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"; 3,5 MPa (35 bar) for 1", 1-1/4".

**⚠ Safety Warning.** Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

**♻ Package Disposal.** Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

**ℹ Additional information.** For more information, go to [giacomini.com](http://giacomini.com) or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

**🗑 Product Disposal.** Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.