

# R253W



Water  
Management

## Ball valve specific for domestic water, standard port

Datasheet  
0605EN 08/2023



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

### ➤ Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR
R253WX002	G 3/8"M x G 3/8"M	Nickel plated brass	T-handle	Green
R253WX003	G 1/2"M x G 1/2"M	Nickel plated brass	T-handle	Green
R253WX004	G 3/4"M x G 3/4"M	Nickel plated brass	T-handle	Green
R253WX005	G 1"M x G 1"M	Nickel plated brass	T-handle	Green
R253WX006	G 1-1/4"M x G 1-1/4"M	Nickel plated brass	T-handle	Green

## Technical data

### Main features and materials

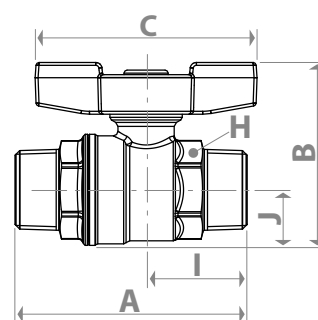
- Specific for domestic water
- Standard port
- Valve made of UNI EN 12165 CW617N Nickel plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Aluminium T-handle, green painted

### 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
R253WX002	10	58	26	49	14	63	wr.19	6,7
R253WX003	14	66	29	51	15	63	wr.22	10,2
R253WX004	18	76	33	60	19	73	wr.29	18,5
R253WX005	22	91	40	69	23	73	wr.36	36,3
R253WX006	28	108	47	78	28	73	wr.44	73,5



## Product specifications

### R253W

Ball valve, with male-male 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.