

**R950**



Energy  
Management

Datasheet  
0615EN 06/2025

# Ball valve for water for heating systems, full port



DADO ball valve, with female-female threaded connections,  
heavy series.  
Full port.



## ➤ Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR	NOTES
R950X021	G 1/4"F x G 1/4"F	Nickel plated brass	Lever	Red	DADO ball
R950X022	G 3/8"F x G 3/8"F	Nickel plated brass	Lever	Red	DADO ball
R950X023	G 1/2"F x G 1/2"F	Nickel plated brass	Lever	Red	DADO ball
R950X024	G 3/4"F x G 3/4"F	Nickel plated brass	Lever	Red	DADO ball
R950X025	G 1"F x G 1"F	Nickel plated brass	Lever	Red	DADO ball
R950X026	G 1-1/4"F x G 1-1/4"F	Nickel plated brass	Lever	Red	DADO ball
R950X027	G 1-1/2"F x G 1-1/2"F	Nickel plated brass	Lever	Red	DADO ball
R950X028	G 2"F x G 2"F	Nickel plated brass	Lever	Red	DADO ball

## Technical data

### Main features and materials

- Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons\*
- Full 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
- Steel lever handle with anti-corrosion treatment and red PVC coating
- Heavy series
- DADO ball

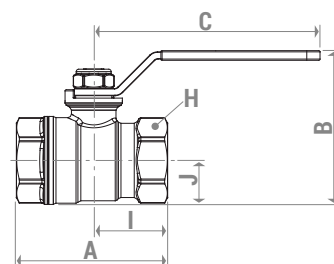
\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

### Field of applications

- Min. working temperature: -20 °C with 50 % glycol solutions
- Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
- Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 1/4", 3/8", 1/2", 3/4" 3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"
- Temperature range with liquid hydrocarbons\*: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

## Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R950X021	8	43	21	36	10	43	wr.17	6,9
R950X022	10	49	25	47	13	77	wr.21	7
R950X023	15	60	30	53	16	77	wr.26	13,3
R950X024	20	68	34	69	21	95	wr.32	25,8
R950X025	25	81	41	77	25	95	wr.41	50,9
R950X026	32	95	48	87	30	95	wr.50	103
R950X027	40	104	52	107	36	137	wr.55	147
R950X028	50	126	63	122	44	137	wr.70	222



## Product specifications

### R950

DADO ball valve, with female-female threaded connections. Heavy series. Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N nickel plated brass. Full port. Steel lever handle with anti-corrosion treatment and red PVC coating. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Min. working temperature: -20 °C with 50 % glycol solutions. Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar). Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 1/4", 3/8", 1/2", 3/4"; 3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2". Temperature range with liquid hydrocarbons: -20÷60 °C. Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar).

**⚠ 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.