


# R254DL



Energy  
Management

## Ball valve for water for heating systems, standard port

Datasheet  
0593EN  08/2023



Ball valve, with female-male threaded connections.  
Standard port.

### Technical data

#### Main features and materials

- Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons\*
- Standard port
- Valve made of UNI EN 12165 CW617N chrome 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

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

#### Field of applications

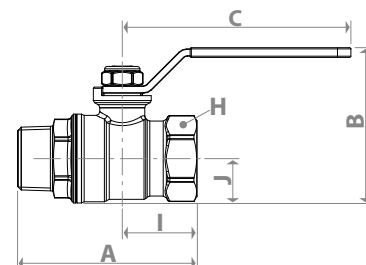
- Min. working temperature: -20 °C with 50 % glycol solutions
- Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
- Max. working pressure at 20 °C with water and not dangerous gas:  
4,2 MPa (42 bar) for 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2",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

## ➤ Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR	PACKAGING
R254LX001	G 1/4"F x R 1/4"	Chrome plated brass	Lever	Red	Standard
R254LX002	G 3/8"F x R 3/8"	Chrome plated brass	Lever	Red	
R254LX003	G 1/2"F x R 1/2"	Chrome plated brass	Lever	Red	
R254LX004	G 3/4"F x R 3/4"	Chrome plated brass	Lever	Red	
R254LX005	G 1"F x R 1"	Chrome plated brass	Lever	Red	
R254LX006	G 1-1/4"F x R 1-1/4"	Chrome plated brass	Lever	Red	
R254LX007	G 1-1/2"F x G 1-1/2"M	Chrome plated brass	Lever	Red	
R254LX008	G 2"F x G 2"M	Chrome plated brass	Lever	Red	
R254LX043	G 1/2"F x R 1/2"	Chrome plated brass	Lever	Red	Bulk
R254LX044	G 3/4"F x R 3/4"	Chrome plated brass	Lever	Red	
R254LX045	G 1"F x R 1"	Chrome plated brass	Lever	Red	

## ➤ Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R254LX001	8	51	21	36	10	43	wr.17	6,6
R254LX002	10	55	22	46	14	77	wr.21	6,7
R254LX003	14	64	27	49	15	77	wr.25	10,2
R254LX004	18	76	31	64	18	94	wr.32	18,5
R254LX005	22	89	38	73	23	94	wr.39	36,3
R254LX006	28	100	42	82	28	94	wr.48	73,5
R254LX007	35	105	46	100	33	136	wr.55	105
R254LX008	45	124	54	115	41	136	wr.67	158
R254LX043	14	64	27	49	15	77	wr.25	10,2
R254LX044	18	76	31	64	18	94	wr.32	18,5
R254LX045	22	89	38	73	23	94	wr.39	36,3



## ➤ Product specifications

### R254DL

Ball valve, with female-male threaded connections. Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N chrome plated brass. Standard 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.