

R252, R252C



Energy
Management

Ball valve for water for heating systems, standard port

Datasheet
0210EN 06/2025



R252



R252C

Ball valve, female-female threaded connections with nut and gasket (R252) or compression-female threaded connections with nut and gasket (R252C), for the connection of pump or mixing valve. Standard port.

➤ Versions and product codes

SERIES	PRODUCT CODE	CONNECTIONS	FINISHING	NOTES
R252	R252Y001	G 1"F x Nut G 1-1/2"F	Brass	For pump connection
	R252Y002	G 1-1/4"F x Nut G 2"F	Brass	For pump connection
R252C	R252Y003	Ø 22 x Nut G 1-1/2"F	Brass	For pump connection
	R252Y004	Ø 28 x Nut G 1-1/2"F	Brass	For pump connection

➤ Technical data

Main features and materials

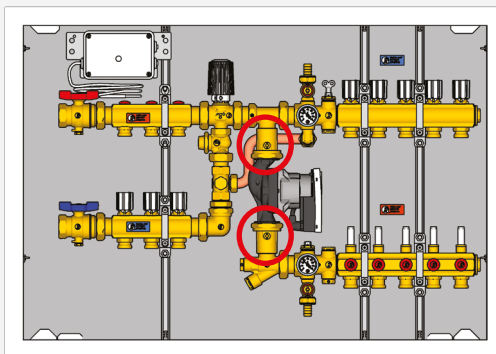
- Suitable for water for heating/cooling systems
- Standard port
- Valve made of UNI EN 12165 CW617N brass
- EPDM gasket
- EPDM O-Ring

Field of applications

- Temperature range: 5÷110 °C
- Max. working pressure at 20 °C with water: 0,7 MPa (7 bar)
- Max. static pressure with the valve completely open or closed: 4,0 MPa (40 bar)

► Installation example

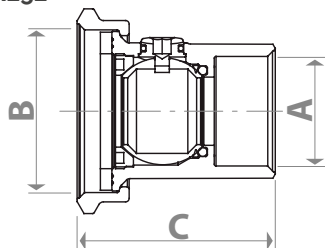
Installation with pump in the manifold group



NOTE. For opening and closing operations use a screwdriver or a 5 mm Allen wrench.

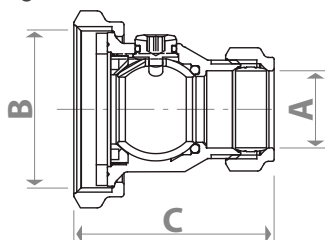
► Dimensions and Kv

R252



SERIES	PRODUCT CODE	DN	A [inch.]	B [inch.]	C [mm]	Kv
R252	R252Y001	18	1"F	1-1/2"F	53	24,6
	R252Y002	25	1-1/4"F	2"F	66,5	36,3

R252C



SERIES	PRODUCT CODE	DN	A [mm]	B [inch.]	C [mm]	Kv
R252C	R252Y003	18	Ø 22	1-1/2"F	58	24,6
	R252Y004	18	Ø 28	1-1/2"F	58	24,6

Product specifications

R252

Ball valve, with female-female threaded connections with nut and gasket, for the connection of pump or mixing valve. Suitable for water for heating/cooling systems. Valve made of UNI EN 12165 CW617N brass. Standard port. Temperature range: 5÷110 °C. Max. working pressure at 20 °C with water: 0,7 MPa (7 bar). Max. static pressure with the valve completely open or closed: 4,0 MPa (40 bar).

R252C

Ball valve, with compression-female threaded connections with nut and gasket, for the connection of pump or mixing valve. Suitable for water for heating/cooling systems. Valve made of UNI EN 12165 CW617N brass. Standard port. Temperature range: 5÷110 °C. Max. working pressure at 20 °C with water: 0,7 MPa (7 bar). Max. static pressure with the valve completely open or closed: 4,0 MPa (40 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.

 **Additional information.** For more information, go to 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.