

R254D-U



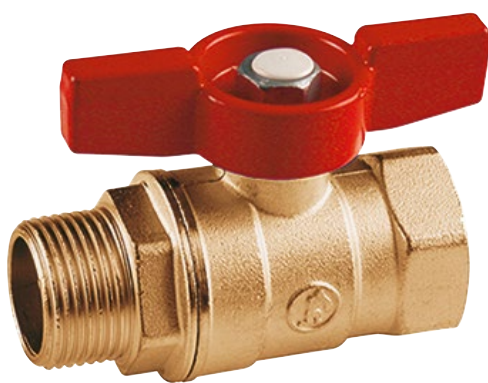
Gas
Distribution



Energy
Management

Ball valve for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydrocarbons

Datasheet
0924EN 08/2023



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

NOTE. For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR
R254UY001	1/4"NPT-F x 1/4"NPT-M	Brass	T-handle	Red
R254UY002	3/8"NPT-F x 3/8"NPT-M	Brass	T-handle	Red
R254UY003	1/2"NPT-F x 1/2"NPT-M	Brass	T-handle	Red
R254UY004	3/4"NPT-F x 3/4"NPT-M	Brass	T-handle	Red
R254UY006	1-1/4"NPT-F x 1-1/4"NPT-M	Brass	T-handle	Red

Technical data

Main features and materials

- Suitable for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydrocarbons*
- Standard port
- Valve made of UNI EN 12165 CW617N rough brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Aluminium T-handle, red painted

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

Field of applications

Use with water and not dangerous gas

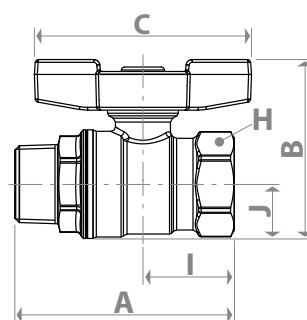
- Min. working temperature: -20 °C with 50 % glycol solutions
- Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
- Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 1/4", 3/8", 1/2", 3/4" 3,5 MPa (35 bar) for 1-1/4"

Use with gas and liquid hydrocarbons

- Temperature range: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar)
- Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R254UY001	8	51	21	35	10	40	wr.17	6,6
R254UY002	10	55	22	46	14	63	wr.21	6,7
R254UY003	14	64	27	51	15	63	wr.25	10,2
R254UY004	18	76	31	60	18	73	wr.32	18,5
R254UY006	28	100	42	78	28	73	wr.48	73,5



Product specifications

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Ball valve, with female-male threaded connections. Suitable for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydrocarbons. Valve made of UNI EN 12165 CW617N rough brass. Standard port. Aluminium T-handle, red painted. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Use with water and not dangerous gas: 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 1-1/4". Use with gas and liquid hydrocarbons: Temperature range: -20÷60 °C. Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar). Max. operating pressure (MOP) with gas: 0,5 MPa (5 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 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.