

## BALL VALVES

0924EN March 2020

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS, DANGEROUS AND NOT DANGEROUS GAS, LIQUID HYDROCARBONS  
STANDARD PORT - R254D-U SERIES



R254D-U

### Description

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

#### 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"

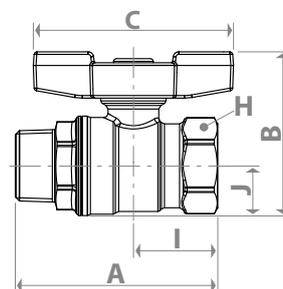
##### Use with gas and liquid hydrocarbons

- 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)

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

### 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

#### R254D-U

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).

#### Additional information

For more information, go to [www.giacomini.com](http://www.giacomini.com) or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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