

BALL VALVES

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VALVE FOR WATER FOR HEATING/COOLING SYSTEMS, DANGEROUS AND NOT DANGEROUS GAS, LIQUID HYDROCARBONS
STANDARD PORT - R251D-U SERIES



GIACOMINI
WATER E-MOTION



R251D-U

Description

Ball valve, with female-female 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
R251UY001	1/4"NPT-F x 1/4"NPT-F	Brass	T-handle	Red
R251UY002	3/8"NPT-F x 3/8"NPT-F	Brass	T-handle	Red
R251UY003	1/2"NPT-F x 1/2"NPT-F	Brass	T-handle	Red
R251UY004	3/4"NPT-F x 3/4"NPT-F	Brass	T-handle	Red
R251UY005	1"NPT-F x 1"NPT-F	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", 1-1/4"

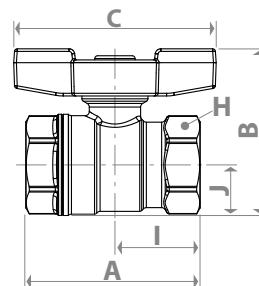
Use with gas and liquid hydrocarbons

- 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
R251UY001	8	43	21	35	10	40	wr.17	6,6
R251UY002	10	45	22	46	14	63	wr.21	6,7
R251UY003	14	54	27	51	15	63	wr.25	10,2
R251UY004	18	63	31	60	18	73	wr.32	18,5
R251UY005	22	75	38	73	23	73	wr.39	36,3



Product specifications

R251D-U

Ball valve, with female-female 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", 1-1/4". 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 or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com

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