

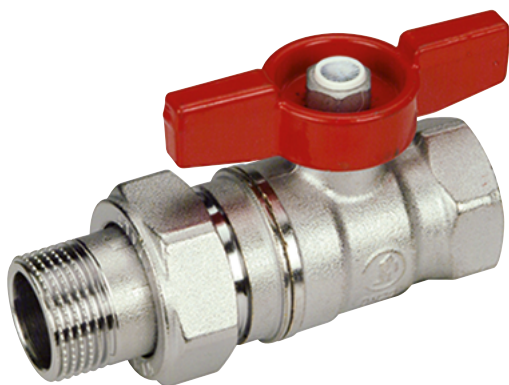
R259D



Energy
Management

Ball valve for water for heating systems, standard port

Datasheet
0595EN  02/2024



Ball valve, with female-tail piece 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 rough or chrome plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Aluminium T-handle, red or blue painted

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

Field of applications

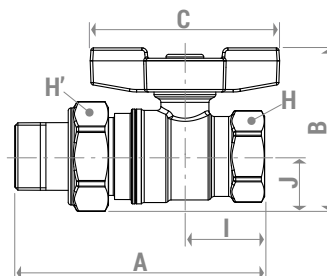
- Min. working temperature: -20°C with 50 % glycol solutions
- Max. working temperature with dry saturated steam: 185°C with 1,05 MPa (10,5 bar)
- Max. working pressure at 20°C with water and not dangerous gas:
 $4,2\text{ MPa}$ (42 bar) for 1/2"F, 3/4"F
 $3,5\text{ MPa}$ (35 bar) for 1"F, 1-1/4"F
- Temperature range with liquid hydrocarbons*: $-20\div 60^{\circ}\text{C}$
- 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
R259X003	G 1/2"F x G 1/2"M	Chrome plated brass	T-handle	Red
R259X043	G 1/2"F x G 1/2"M	Chrome plated brass	T-handle	Blue
R259X004	G 1/2"F x G 3/4"M	Chrome plated brass	T-handle	Red
R259X005	G 3/4"F x G 3/4"M	Chrome plated brass	T-handle	Red
R259X045	G 3/4"F x G 3/4"M	Chrome plated brass	T-handle	Blue
R259X006	G 3/4"F x G 1"M	Chrome plated brass	T-handle	Red
R259X007	G 1"F x G 1"M	Chrome plated brass	T-handle	Red
R259X008	G 1"F x G 1-1/4"M	Chrome plated brass	T-handle	Red
R259X009	G 1-1/4"F x G 1-1/4"M	Chrome plated brass	T-handle	Red
R259Y003	G 1/2"F x G 1/2"M	Brass	T-handle	Red
R259Y005	G 3/4"F x G 3/4"M	Brass	T-handle	Red
R259Y006	G 3/4"F x G 1"M	Brass	T-handle	Red
R259Y007	G 1"F x G 1"M	Brass	T-handle	Red
R259Y008	G 1"F x G 1-1/4"M	Brass	T-handle	Red
R259Y009	G 1-1/4"F x G 1-1/4"M	Brass	T-handle	Red
R259Y025	G 3/4"F x G 3/4"M	Brass	T-handle	Blue
R259Y026	G 3/4"F x G 1"M	Brass	T-handle	Blue
R259Y027	G 1"F x G 1"M	Brass	T-handle	Blue
R259Y029	G 1-1/4"F x G 1-1/4"M	Brass	T-handle	Blue
R259ZX003	Rc 1/2" x R 1/2"	Chrome plated brass	T-handle	Red
R259ZX005	Rc 3/4" x R 3/4"	Chrome plated brass	T-handle	Red
R259ZX007	Rc 1" x R 1"	Chrome plated brass	T-handle	Red
R259ZX009	Rc 1-1/4" x R 1-1/4"	Chrome plated brass	T-handle	Red

➤ Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	H' [mm]	Kv
R259X003	14	86	27	53	17	63	wr.25	wr.30	10,2
R259X043	14	86	27	53	17	63	wr.25	wr.30	10,2
R259X004	14	87	27	57	21	63	wr.25	wr.38	10,2
R259X005	18	96	31	63	21	73	wr.32	wr.38	18,5
R259X045	18	96	31	63	21	73	wr.32	wr.38	18,5
R259X006	18	101	31	67	26	73	wr.32	wr.46	18,5
R259X007	22	110	38	72	26	73	wr.39	wr.46	36,3
R259X008	22	114	38	76	30	73	wr.39	wr.53	36,3
R259X009	28	125	42	80	30	73	wr.48	wr.53	73,5
R259Y003	14	86	27	53	17	63	wr.25	wr.30	10,2
R259Y005	18	96	31	63	21	73	wr.32	wr.38	18,5
R259Y006	18	101	31	67	26	73	wr.32	wr.46	18,5
R259Y007	22	110	38	72	26	73	wr.39	wr.46	36,3
R259Y008	22	114	38	76	30	73	wr.39	wr.53	36,3
R259Y009	28	125	42	80	30	73	wr.48	wr.53	73,5
R259Y025	18	96	31	63	21	73	wr.32	wr.38	18,5
R259Y026	18	101	31	67	26	73	wr.32	wr.46	18,5
R259Y027	22	110	38	72	26	73	wr.39	wr.46	36,3
R259Y029	28	125	42	80	30	73	wr.48	wr.53	73,5
R259ZX003	14	90	27	53	17	63	wr.25	wr.30	10,2
R259ZX005	18	100	31	63	21	73	wr.32	wr.38	18,5
R259ZX007	22	114	38	72	26	73	wr.39	wr.46	36,3
R259ZX009	28	129	42	80	30	73	wr.48	wr.53	73,5



➤ Product specifications

R259D

Ball valve, with female-tail piece male threaded connections. Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N rough or chrome plated brass. Standard port. Aluminium T-handle, red or blue painted. 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 1/2" F, 3/4" F; 3,5 MPa (35 bar) for 1" F, 1-1/4" F. 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 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.