

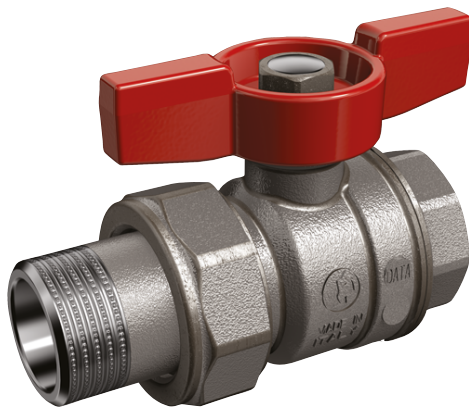
R859

Ball valve for water for heating systems, full port



Energy Management

Datasheet
0642EN  02/2024



Ball valve, with female-tail piece male threaded connections. Full port.

Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR
R859X323	G 1/2"F x R 1/2"	Chrome plated brass	T-handle	Red
R859X325	G 3/4"F x G 3/4"M	Chrome plated brass	T-handle	Red
R859X327	G 1"F x G 1"M	Chrome plated brass	T-handle	Red
R859X329	G 1-1/4"F x G 1-1/4"M	Chrome plated brass	T-handle	Red
R859X343	G 1/2"F x R 1/2"	Chrome plated brass	T-handle	Blue
R859X345	G 3/4"F x G 3/4"M	Chrome plated brass	T-handle	Blue
R859X347	G 1"F x G 1"M	Chrome plated brass	T-handle	Blue
R859X349	G 1-1/4"F x G 1-1/4"M	Chrome plated brass	T-handle	Blue

➤ Technical data

Main features and materials

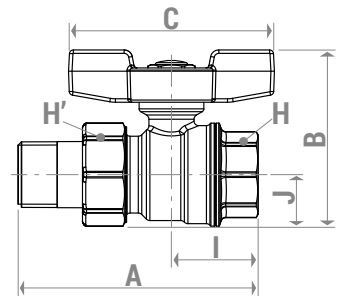
- Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons*
 - Full port
 - Valve made of UNI EN 12165 CW617N chrome plated brass
 - Stem with double O-Ring
 - Nut with anti-corrosion coating, with guarantee seal and hologram
 - Aluminium T-handle, red or blue painted
- * 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: 3,5 MPa (35 bar) for 1/2", 3/4"
2,8 MPa (28 bar) for 1", 1-1/4"
- Temperature range with liquid hydrocarbons*: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar)

➤ Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	H' [mm]	Kv
R859X323	15	74	27	54	16	63	wr.25	wr.30	12,7
R859X325	20	83	30	64	20	73	wr.31	wr.38	24,6
R859X327	25	95	31	72	24	73	wr.38	wr.46	48,5
R859X329	32	112	42	82	30	73	wr.47	wr.53	98
R859X343	15	74	27	54	16	63	wr.25	wr.30	12,7
R859X345	20	83	30	64	20	73	wr.31	wr.38	24,6
R859X347	25	95	31	72	24	73	wr.38	wr.46	48,5
R859X349	32	112	42	82	30	73	wr.47	wr.53	98



➤ Product specifications

R859

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 chrome plated brass. Full 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: 3,5 MPa (35 bar) for 1/2", 3/4"; 2,8 MPa (28 bar) for 1", 1-1/4". 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.