

BALL VALVES

0632EN March 2020

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
NOT DANGEROUS GAS AND LIQUID HYDROCARBONS
FULL PORT - R851 SERIES



GIACOMINI
WATER E-MOTION



R851

Description

Ball valve, with female-female threaded connections.
Full port.

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color
R851X021	G 1/4"F x G 1/4"F	Chrome plated brass	T-handle	Red
R851X022	G 3/8"F x G 3/8"F	Chrome plated brass	T-handle	Red
R851X023	G 1/2"F x G 1/2"F	Chrome plated brass	T-handle	Red
R851X024	G 3/4"F x G 3/4"F	Chrome plated brass	T-handle	Red
R851X025	G 1"F x G 1"F	Chrome plated brass	T-handle	Red
R851X026	G 1-1/4"F x G 1-1/4"F	Chrome plated brass	T-handle	Red

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 painted

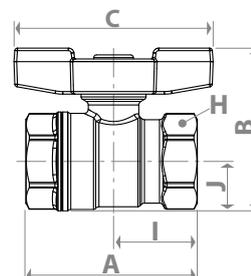
Field of applications

- 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 1/4", 3/8", 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)

* 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
R851X021	8	43	21	35	10	40	wr.17	6,6
R851X022	10	46	23	48	13	63	wr.20	6,7
R851X023	15	53	27	54	16	63	wr.25	12,7
R851X024	20	60	30	63	20	73	wr.31	24,6
R851X025	25	74	37	72	25	73	wr.38	48,5
R851X026	32	84	42	82	29	73	wr.47	98,0



Product specifications

R851 - Red T-handle

Ball valve, with female-female 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 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 1/4", 3/8", 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).

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
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.
Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy

BALL VALVES

0632EN March 2020

VALVE FOR DANGEROUS GAS AND LIQUID HYDROCARBONS
FULL PORT - R851 SERIES

 **GIACOMINI**
WATER E-MOTION



Description

Ball valve, with female-female threaded connections.
Full port.

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color
R851X001	G 1/4"F x G 1/4"F	Chrome plated brass	T-handle	Yellow
R851X002	G 3/8"F x G 3/8"F	Chrome plated brass	T-handle	Yellow
R851X003	G 1/2"F x G 1/2"F	Chrome plated brass	T-handle	Yellow
R851X004	G 3/4"F x G 3/4"F	Chrome plated brass	T-handle	Yellow
R851X005	G 1"F x G 1"F	Chrome plated brass	T-handle	Yellow
R851X006	G 1-1/4"F x G 1-1/4"F	Chrome plated brass	T-handle	Yellow

Technical data

Main features and materials

- Suitable for 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, yellow painted

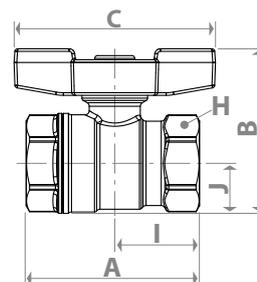
Field of applications

- 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

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
R851X001	8	43	21	35	10	40	wr.17
R851X002	10	46	23	48	13	63	wr.20
R851X003	15	53	27	54	16	63	wr.25
R851X004	20	60	30	63	20	73	wr.31
R851X005	25	74	37	72	25	73	wr.38
R851X006	32	84	42	82	29	73	wr.47



Product specifications

R851 - Yellow lever

Ball valve, with female-female threaded connections. Suitable for dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N chrome plated brass. Full port. Aluminium T-handle, yellow painted. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. 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

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.

Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy