

R789



Energy
Management

Ball valve for water for heating systems, full port

Datasheet
0644EN 01/2024



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

➤ Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR
R789X003	G 1/2"F x G 1/2"M	Chrome plated brass	T-handle	Red
R789X005	G 3/4"F x G 3/4"M	Chrome plated brass	T-handle	Red
R789X007	G 1"F x G 1"M	Chrome plated brass	T-handle	Red
R789X045	G 3/4"F x G 3/4"M	Chrome plated brass	T-handle	Blue
R789X047	G 1"F x G 1"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

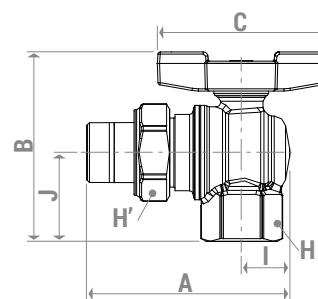
Field of applications

- Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)
- Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)
- 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]	H' [mm]	Kv
R789X003	15	79	18	71	33	63	wr.26	wr.30	4,8
R789X005	20	89	21	82	39	73	wr.32	wr.38	8,0
R789X007	25	100	25	94	46	73	wr.41	wr.46	21,3
R789X045	20	89	21	82	39	73	wr.32	wr.38	8,0
R789X047	25	100	25	94	46	73	wr.41	wr.46	21,3



Product specifications

R789

Angle 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. Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions). Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar). 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.