

BALL VALVES

0644EN 02/2021

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
NOT DANGEROUS GAS AND LIQUID HYDROCARBONS
FULL PORT - R789 SERIES



GIACOMINI
WATER E-MOTION



R789

Description

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

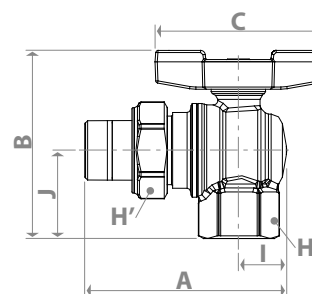
Field of applications

- 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).

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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The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

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