

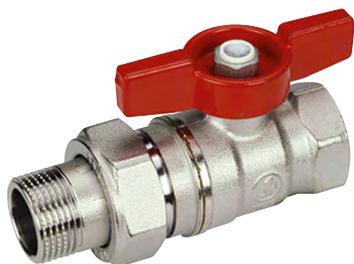
BALL VALVES

0595EN 02/2021

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
NOT DANGEROUS GAS AND LIQUID HYDROCARBONS
STANDARD PORT - R259D SERIES



GIACOMINI
WATER E-MOTION



R259D

Description

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

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 |

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

Field of applications

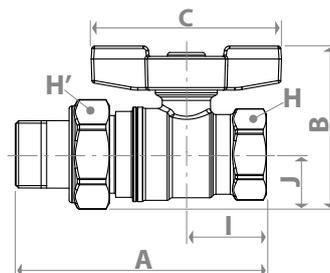
- Min. working temperature: -20 °C with 50 % glycol solutions
- Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
- Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 1/2"F, 3/4"F
3,5 MPa (35 bar) for 1"F, 1-1/4"F
- Temperature range with liquid hydrocarbons*: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar)

* 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 |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| 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).

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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