



## BALL VALVES



**GIACOMINI**  
WATER E-MOTION

Technical documentation

0893EN

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## USE

**Giacomini ball valves** are designed to provide high mechanical resistance minimizing the required space and guarantee operation with very high working pressures. The Finishings used are suitable for hot and cold water systems, domestic water, gases, hydrocarbons, compressed air and dry saturated vapor. The inner anti-tampering stem assembly makes it suitable for use on indoor and outdoor gas distribution lines. The wide range of products provides the right solution for any need.

## STANDARD PORT AND FULL PORT

Standard port ball valves feature a port free section not lesser than 75 % of the pipe on which they should assembled.

Full port ball valves instead provide a port free section corresponding to the pipe.

| Pipe DN          | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 75 | 100 |
|------------------|---|----|----|----|----|----|----|----|----|----|-----|
| Standard port DN | 8 | 10 | 14 | 18 | 22 | 28 | 35 | 45 | 58 | 68 | 90  |
| Full port DN     | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 75 | 100 |

## BALL VALVES THREADS

### PRESSURE-TIGHT THREADS

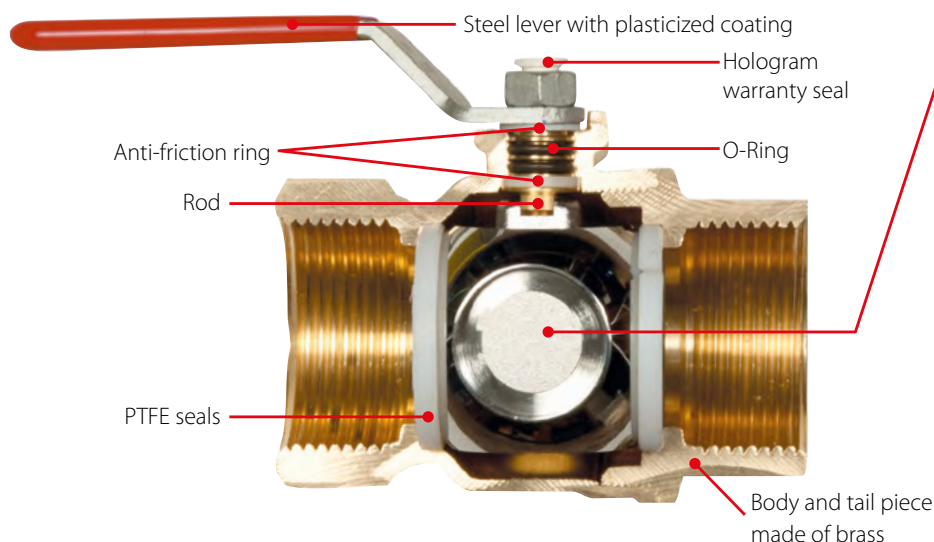
| Reference standard                  | Threads features                                                                   | Nomenclature            |                            | Recommended coupling between threads |
|-------------------------------------|------------------------------------------------------------------------------------|-------------------------|----------------------------|--------------------------------------|
|                                     |                                                                                    | Male thread             | Female thread              |                                      |
| <b>EN 10226-1</b><br>(FORMER ISO 7) | Pressure-tight threads coupling, characterized by conical Male and parallel Female | R (size)<br>i.e. R 3/4" | Rp (size)<br>i.e. Rp 3/4"  | Male R with<br>Female Rp or Rc       |
| <b>EN 10226-2</b><br>(FORMER ISO 7) | Pressure-tight threads coupling, characterized by conical Male and Female          | R (size)<br>i.e. R 3/4" | Rc* (size)<br>i.e. Rc 3/4" |                                      |

\* "BSP": indication of common use

### NOT PRESSURE-TIGHT THREADS

| Reference standard  | Threads features                                                               | Nomenclature                  |                               | Recommended coupling between threads |
|---------------------|--------------------------------------------------------------------------------|-------------------------------|-------------------------------|--------------------------------------|
|                     |                                                                                | Male thread                   | Female thread                 |                                      |
| <b>ISO 228</b>      | Not pressure-tight threads coupling, characterized by parallel Male and Female | G (size)M<br>i.e. G 3/4"M     | G (size)F<br>i.e. G 3/4"F     | Male G with<br>Female G              |
| <b>ASME B1.20.1</b> | Not pressure-tight threads coupling, characterized by conical Male and Female  | (size)NPT-M<br>i.e. 3/4"NPT-M | (size)NPT-F<br>i.e. 3/4"NPT-F | Male NPT with<br>Female NPT          |

## BALL VALVES MAIN COMPONENTS



### DADO ball



DADO balls are an exclusive design by Giacomini revolutionizing the world of ball valves. Their "cubic" shape enable to remove impurities from the seal seat, preventing damages to gaskets during opening and closing. The flow impurities settle on the ball flat face and are then removed from the fluid current. The limited contact between the ball and the seal seats reduces friction between the components and the valve maneuvering torque is thus lesser than 15/20 % compared to the one required by a traditional ball. The combination of these factors extends the useful life of PTFE gaskets.

## QUALITY

The first company's Quality Management System ISO 9002 was certified in 1986 and was extended to ISO 9001 (the actual UNI EN ISO 9001:2008) in 1996. Subsequently, the Environmental Management System UNI EN ISO 14001:2004 of the company's manufacturing sites and goods export procedure were quality certified. Finally, the Occupational Health and Safety System is being certified to BS OHSAS 18001:2007. The next internal goal is to achieve the most recent energy and ethics certification.



Brass raw material in bars



Laboratory testing



Automatic assembly with 100% in-line tests'

## CERTIFICATIONS

| Certification                                                                       | Description                                                                    | Country            | Certification                                                                       | Description                                            | Country                         |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------|
|  | CE Marking in compliance with PED and/or CPR (Construction Product Regulation) | European Community |  | Turkish standards institution                          | Turkey                          |
|  | Attestation de conformité sanitaire                                            | France             |  | Certification in compliance with Ukrainian standards   | Ukraine                         |
|  | CERTgaz                                                                        | France             |  | Certification in compliance with Belorussian standards | Belarus                         |
|  | DVGW Deutscher Verein des Gas-und Wasserfaches                                 | Germany            |  | EAC compliance certificate (Custom Union Certificate)  | Russia<br>Belarus<br>Kazakhstan |
|   | WRAS Water Regulations Advisory Scheme                                         | UK                 |  | CSA International Canadian Standard Association        | Canada                          |
|   | SVGW Schweizerischer Verein des Gas-und Wasserfaches                           | Switzerland        |  | UL Underwriters Laboratories                           | USA                             |
|  | OVGW Österreichische Vereinigung für das Gas-und Wasserfach                    | Austria            |  | FM Approvals                                           | USA                             |
|   | EMI Épitésügyi<br>Mimöségellenőrző Innováció                                   | Hungary            |  | NSF International                                      | USA                             |

Information concerning certifications, compliance and homologations included in this catalogue are for reference only, subject to regular updating and may refer only to specific product dimensions.

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In case of missing or unclear information, please contact Giacomini technical support.

Giacomini S.p.A. reserves the right to change the products and related technical information at any time without notice.



## EN / ISO STANDARD

ISO 228, EN 10226 (FORMER ISO 7) THREADS

### Valves for water for heating/cooling systems

- Valves with threaded connections
- Valves with compression connections
- Valves with sweat connections
- Valves MINI series

RED HANDLE

### Valves for dangerous gas

- Valves with threaded connections

YELLOW HANDLE

### Valves specific for domestic water use

- Valves with threaded connections
- Valves with press connections

GREEN HANDLE

## VALVES FOR WATER FOR HEATING/COOLING SYSTEMS

## &gt; R950



DADO ball valve, with female-female threaded connections, heavy series.

Full port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

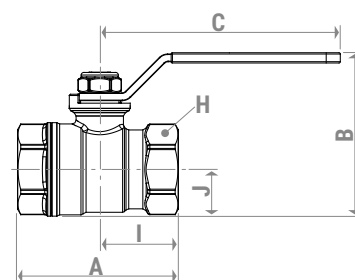
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\*Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R950X021     | G 1/4"F x G 1/4"F     | Nickel plated brass | Lever       | Red          | DADO ball |
| R950X022     | G 3/8"F x G 3/8"F     | Nickel plated brass | Large lever | Red          | DADO ball |
| R950X023     | G 1/2"F x G 1/2"F     | Nickel plated brass | Large lever | Red          | DADO ball |
| R950X024     | G 3/4"F x G 3/4"F     | Nickel plated brass | Large lever | Red          | DADO ball |
| R950X025     | G 1"F x G 1"F         | Nickel plated brass | Large lever | Red          | DADO ball |
| R950X026     | G 1-1/4"F x G 1-1/4"F | Nickel plated brass | Large lever | Red          | DADO ball |
| R950X027     | G 1-1/2"F x G 1-1/2"F | Nickel plated brass | Large lever | Red          | DADO ball |
| R950X028     | G 2"F x G 2"F         | Nickel plated brass | Large lever | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R950X021     | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,9  |
| R950X022     | 10 | 49     | 25     | 47     | 13     | 77     | wr.21  | 7,0  |
| R950X023     | 15 | 60     | 30     | 53     | 16     | 77     | wr.26  | 13,3 |
| R950X024     | 20 | 68     | 34     | 69     | 21     | 95     | wr.32  | 25,8 |
| R950X025     | 25 | 81     | 41     | 77     | 25     | 95     | wr.41  | 50,9 |
| R950X026     | 32 | 95     | 48     | 87     | 30     | 95     | wr.50  | 103  |
| R950X027     | 40 | 104    | 52     | 107    | 36     | 137    | wr.55  | 147  |
| R950X028     | 50 | 126    | 63     | 122    | 44     | 137    | wr.70  | 222  |



## &gt; R951



DADO ball valve, with female-female threaded connections, heavy series.

Full port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

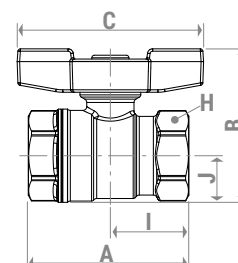
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\*Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R951X021     | G 1/4"F x G 1/4"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R951X022     | G 3/8"F x G 3/8"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R951X023     | G 1/2"F x G 1/2"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R951X024     | G 3/4"F x G 3/4"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R951X025     | G 1"F x G 1"F         | Nickel plated brass | T-handle    | Red          | DADO ball |
| R951X026     | G 1-1/4"F x G 1-1/4"F | Nickel plated brass | T-handle    | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R951X021     | 8  | 43     | 21     | 36     | 10     | 42     | wr.17  | 6,9  |
| R951X022     | 10 | 49     | 25     | 47     | 13     | 63     | wr.21  | 7,0  |
| R951X023     | 15 | 60     | 30     | 53     | 16     | 63     | wr.26  | 13,3 |
| R951X024     | 20 | 68     | 34     | 69     | 21     | 77     | wr.32  | 25,8 |
| R951X025     | 25 | 81     | 41     | 77     | 25     | 77     | wr.41  | 50,9 |
| R951X026     | 32 | 95     | 48     | 87     | 30     | 77     | wr.50  | 103  |



## &gt; R910



DADO ball valve, with female-female threaded connections.

Full port.

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 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"  
2,8 MPa (28 bar) for 2-1/2", 3", 4"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

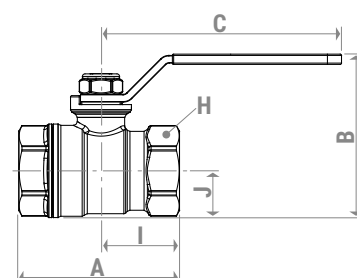
\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



DADO

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R910X022     | G 3/8"F x G 3/8"F     | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X023     | G 1/2"F x G 1/2"F     | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X024     | G 3/4"F x G 3/4"F     | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X025     | G 1"F x G 1"F         | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X026     | G 1-1/4"F x G 1-1/4"F | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X027     | G 1-1/2"F x G 1-1/2"F | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X028     | G 2"F x G 2"F         | Nickel plated brass | Large lever | Red          | DADO ball |
| R910X029     | G 2-1/2"F x G 2-1/2"F | Nickel plated brass | Lever       | Red          | DADO ball |
| R910X030     | G 3"F x G 3"F         | Nickel plated brass | Lever       | Red          | DADO ball |
| R910X031     | G 4"F x G 4"F         | Nickel plated brass | Lever       | Red          | DADO ball |

| Product code | DN  | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|-----|--------|--------|--------|--------|--------|--------|------|
| R910X022     | 10  | 50     | 25     | 47     | 13     | 77     | wr.21  | 7,0  |
| R910X023     | 15  | 57     | 28     | 53     | 16     | 77     | wr.25  | 13,3 |
| R910X024     | 20  | 62     | 31     | 70     | 21     | 95     | wr.32  | 25,8 |
| R910X025     | 25  | 76     | 38     | 78     | 25     | 95     | wr.39  | 50,9 |
| R910X026     | 32  | 86     | 43     | 88     | 30     | 95     | wr.47  | 103  |
| R910X027     | 40  | 97     | 48     | 109    | 37     | 137    | wr.54  | 147  |
| R910X028     | 50  | 111    | 55     | 125    | 46     | 137    | wr.67  | 222  |
| R910X029     | 65  | 153    | 76     | 170    | 58     | 187    | wr.82  | 336  |
| R910X030     | 80  | 173    | 87     | 189    | 68     | 187    | wr.96  | 377  |
| R910X031     | 100 | 217    | 108    | 242    | 88     | 257    | wr.126 | 645  |



## &gt; R910S



DADO

DADO ball valve, with female-female threaded connections, with drain cock with hose connection Ø 9 mm.  
Full port.

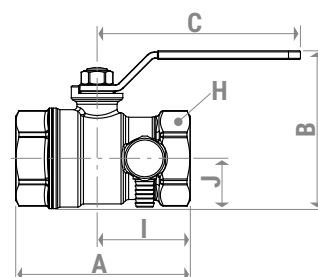
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"

3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

| Product code | Connections           | Drain cock size | Finishing           | Handle type | Handle color | Notes                      |
|--------------|-----------------------|-----------------|---------------------|-------------|--------------|----------------------------|
| R910SX003    | G 1/2"F x G 1/2"F     | 1/4"            | Nickel plated brass | Large lever | Red          | DADO ball, with drain cock |
| R910SX004    | G 3/4"F x G 3/4"F     | 1/4"            | Nickel plated brass | Large lever | Red          | DADO ball, with drain cock |
| R910SX005    | G 1"F x G 1"F         | 1/4"            | Nickel plated brass | Large lever | Red          | DADO ball, with drain cock |
| R910SX006    | G 1-1/4"F x G 1-1/4"F | 3/8"            | Nickel plated brass | Large lever | Red          | DADO ball, with drain cock |
| R910SX007    | G 1-1/2"F x G 1-1/2"F | 3/8"            | Nickel plated brass | Large lever | Red          | DADO ball, with drain cock |
| R910SX008    | G 2"F x G 2"F         | 3/8"            | Nickel plated brass | Large lever | Red          | DADO ball, with drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R910SX003    | 15 | 62     | 34     | 52     | 16     | 77     | wr.25  | 13,3 |
| R910SX004    | 20 | 68     | 37     | 69     | 21     | 95     | wr.32  | 25,8 |
| R910SX005    | 25 | 82     | 44     | 77     | 25     | 95     | wr.39  | 50,9 |
| R910SX006    | 32 | 100    | 57     | 87     | 30     | 95     | wr.47  | 103  |
| R910SX007    | 40 | 110    | 62     | 108    | 37     | 137    | wr.54  | 147  |
| R910SX008    | 50 | 125    | 69     | 124    | 46     | 137    | wr.67  | 222  |



## &gt; R911



DADO

DADO ball valve, with female-female threaded connections.

Full port.

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 3/8", 1/2", 3/4"

3,5 MPa (35 bar) for 1", 1-1/4"

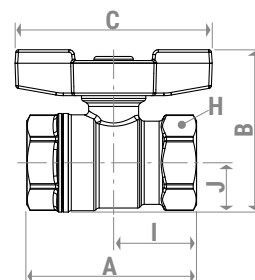
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R911X022     | G 3/8"F x G 3/8"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R911X023     | G 1/2"F x G 1/2"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R911X024     | G 3/4"F x G 3/4"F     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R911X025     | G 1"F x G 1"F         | Nickel plated brass | T-handle    | Red          | DADO ball |
| R911X026     | G 1-1/4"F x G 1-1/4"F | Nickel plated brass | T-handle    | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R911X022     | 10 | 49     | 25     | 48     | 13     | 63     | wr.21  | 7,0  |
| R911X023     | 15 | 56     | 28     | 56     | 16     | 63     | wr.25  | 13,3 |
| R911X024     | 20 | 62     | 31     | 64     | 21     | 73     | wr.32  | 25,8 |
| R911X025     | 25 | 76     | 38     | 72     | 25     | 73     | wr.39  | 50,9 |
| R911X026     | 32 | 86     | 43     | 82     | 30     | 73     | wr.47  | 103  |



> **R913**

DADO ball valve, with male-male threaded connections.

Full port.

Min. working temperature: -20 °C with 50 % glycol solutions

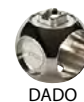
Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

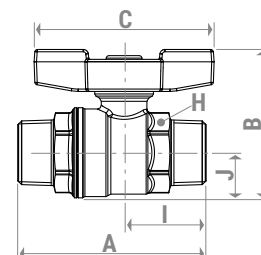
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections         | Finishing           | Handle type | Handle color | Notes     |
|--------------|---------------------|---------------------|-------------|--------------|-----------|
| R913X022     | R 3/8" x R 3/8"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R913X023     | R 1/2" x R 1/2"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R913X024     | R 3/4" x R 3/4"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R913X025     | R 1" x R 1"         | Nickel plated brass | T-handle    | Red          | DADO ball |
| R913X026     | R 1-1/4" x R 1-1/4" | Nickel plated brass | T-handle    | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R913X022     | 10 | 63     | 28     | 49     | 13     | 63     | wr.21  | 7,0  |
| R913X023     | 15 | 74     | 34     | 55     | 17     | 63     | wr.25  | 13,3 |
| R913X024     | 20 | 82     | 38     | 64     | 21     | 73     | wr.32  | 25,8 |
| R913X025     | 25 | 93     | 44     | 73     | 25     | 73     | wr.39  | 50,9 |
| R913X026     | 32 | 108    | 50     | 82     | 30     | 73     | wr.47  | 103  |

> **R913L**

DADO ball valve, with male-male threaded connections.

Full port.

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 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

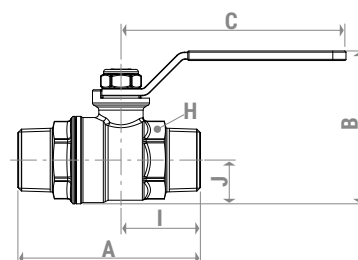
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections         | Finishing           | Handle type | Handle color | Notes     |
|--------------|---------------------|---------------------|-------------|--------------|-----------|
| R913LX022    | R 3/8" x R 3/8"     | Nickel plated brass | Large lever | Red          | DADO ball |
| R913LX023    | R 1/2" x R 1/2"     | Nickel plated brass | Large lever | Red          | DADO ball |
| R913LX024    | R 3/4" x R 3/4"     | Nickel plated brass | Large lever | Red          | DADO ball |
| R913LX025    | R 1" x R 1"         | Nickel plated brass | Large lever | Red          | DADO ball |
| R913LX026    | R 1-1/4" x R 1-1/4" | Nickel plated brass | Large lever | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R913LX022    | 10 | 63     | 28     | 46     | 13     | 77     | wr.21  | 7,0  |
| R913LX023    | 15 | 73     | 34     | 52     | 16     | 77     | wr.25  | 13,3 |
| R913LX024    | 20 | 82     | 38     | 69     | 21     | 95     | wr.32  | 25,8 |
| R913LX025    | 25 | 92     | 44     | 77     | 25     | 95     | wr.39  | 50,9 |
| R913LX026    | 32 | 108    | 50     | 87     | 30     | 95     | wr.47  | 103  |



## &gt; R914



DADO ball valve, with female-male threaded connections.

Full port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

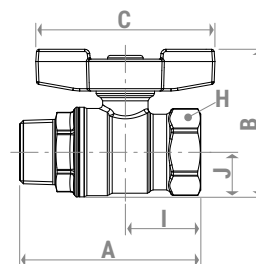
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections          | Finishing           | Handle type | Handle color | Notes     |
|--------------|----------------------|---------------------|-------------|--------------|-----------|
| R914X021     | G 1/4"F x R 1/4"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R914X022     | G 3/8"F x R 3/8"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R914X023     | G 1/2"F x R 1/2"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R914X024     | G 3/4"F x R 3/4"     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R914X025     | G 1"F x R 1"         | Nickel plated brass | T-handle    | Red          | DADO ball |
| R914X026     | G 1-1/4"F x R 1-1/4" | Nickel plated brass | T-handle    | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R914X021     | 8  | 51     | 21     | 35     | 10     | 40     | wr.17  | 6,9  |
| R914X022     | 10 | 59     | 25     | 48     | 13     | 63     | wr.21  | 7,0  |
| R914X023     | 15 | 68     | 28     | 55     | 16     | 63     | wr.25  | 13,3 |
| R914X024     | 20 | 76     | 31     | 64     | 21     | 73     | wr.32  | 25,8 |
| R914X025     | 25 | 87     | 38     | 72     | 25     | 73     | wr.39  | 50,9 |
| R914X026     | 32 | 102    | 43     | 82     | 30     | 73     | wr.47  | 103  |



## &gt; R914L



DADO ball valve, with female-male threaded connections.

Full port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

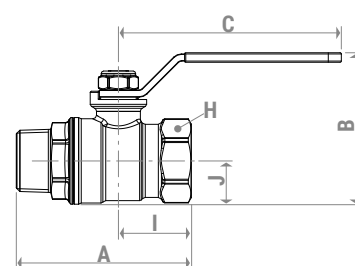
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R914LX021    | G 1/4"F x R 1/4"      | Nickel plated brass | Lever       | Red          | DADO ball |
| R914LX022    | G 3/8"F x R 3/8"      | Nickel plated brass | Large lever | Red          | DADO ball |
| R914LX023    | G 1/2"F x R 1/2"      | Nickel plated brass | Large lever | Red          | DADO ball |
| R914LX024    | G 3/4"F x R 3/4"      | Nickel plated brass | Large lever | Red          | DADO ball |
| R914LX025    | G 1"F x R 1"          | Nickel plated brass | Large lever | Red          | DADO ball |
| R914LX026    | G 1-1/4"F x R 1-1/4"  | Nickel plated brass | Large lever | Red          | DADO ball |
| R914LX027    | G 1-1/2"F x G 1-1/2"M | Nickel plated brass | Large lever | Red          | DADO ball |
| R914LX028    | G 2"F x G 2"M         | Nickel plated brass | Large lever | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R914LX021    | 8  | 51     | 21     | 36     | 10     | 42     | wr.17  | 6,9  |
| R914LX022    | 10 | 59     | 25     | 46     | 13     | 77     | wr.21  | 7,0  |
| R914LX023    | 15 | 68     | 28     | 52     | 16     | 77     | wr.25  | 13,3 |
| R914LX024    | 20 | 76     | 31     | 69     | 21     | 95     | wr.32  | 25,8 |
| R914LX025    | 25 | 88     | 39     | 77     | 25     | 95     | wr.39  | 50,9 |
| R914LX026    | 32 | 102    | 43     | 87     | 30     | 95     | wr.47  | 103  |
| R914LX027    | 40 | 105    | 48     | 108    | 37     | 137    | wr.54  | 147  |
| R914LX028    | 50 | 124    | 55     | 124    | 46     | 137    | wr.67  | 222  |



> **R919**

DADO ball valve, with female-tail piece male threaded connections.

Full port.

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

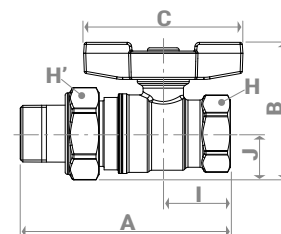
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\*Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R919X003     | G 1/2"F x G 1/2"M     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R919X004     | G 1/2"F x G 3/4"M     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R919X005     | G 3/4"F x G 3/4"M     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R919X006     | G 3/4"F x G 1"M       | Nickel plated brass | T-handle    | Red          | DADO ball |
| R919X007     | G 1"F x G 1"M         | Nickel plated brass | T-handle    | Red          | DADO ball |
| R919X008     | G 1"F x G 1-1/4"M     | Nickel plated brass | T-handle    | Red          | DADO ball |
| R919X009     | G 1-1/4"F x G 1-1/4"M | Nickel plated brass | T-handle    | Red          | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R919X003     | 15 | 88     | 28     | 55     | 17     | 63     | wr.25  | wr.30   | 13,3 |
| R919X004     | 15 | 90     | 28     | 59     | 21     | 63     | wr.25  | wr.38   | 13,3 |
| R919X005     | 20 | 97     | 32     | 65     | 22     | 73     | wr.32  | wr.38   | 25,8 |
| R919X006     | 20 | 101    | 31     | 67     | 23     | 73     | wr.32  | wr.46   | 25,8 |
| R919X007     | 25 | 109    | 38     | 72     | 25     | 73     | wr.39  | wr.46   | 50,9 |
| R919X008     | 25 | 115    | 38     | 77     | 30     | 73     | wr.39  | wr.53   | 50,9 |
| R919X009     | 32 | 123    | 43     | 82     | 30     | 73     | wr.48  | wr.53   | 103  |

> **R919S**

DADO ball valve, with female-tail piece male threaded connections, with drain cock with hose connection Ø 9 mm.

Full port.

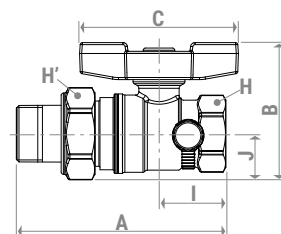
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"



| Product code | Connections           | Drain cock size | Finishing           | Handle type | Handle color | Notes                      |
|--------------|-----------------------|-----------------|---------------------|-------------|--------------|----------------------------|
| R919SX003    | G 1/2"F x G 1/2"M     | 1/4"            | Nickel plated brass | T-handle    | Red          | DADO ball, with drain cock |
| R919SX005    | G 3/4"F x G 3/4"M     | 1/4"            | Nickel plated brass | T-handle    | Red          | DADO ball, with drain cock |
| R919SX007    | G 1"F x G 1"M         | 1/4"            | Nickel plated brass | T-handle    | Red          | DADO ball, with drain cock |
| R919SX009    | G 1-1/4"F x G 1-1/4"M | 3/8"            | Nickel plated brass | T-handle    | Red          | DADO ball, with drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R919SX003    | 15 | 93     | 34     | 55     | 17     | 63     | wr.25  | wr.30   | 13,3 |
| R919SX005    | 20 | 103    | 37     | 65     | 21     | 73     | wr.32  | wr.38   | 25,8 |
| R919SX007    | 25 | 115    | 44     | 72     | 26     | 73     | wr.39  | wr.46   | 50,9 |
| R919SX009    | 32 | 137    | 57     | 82     | 30     | 73     | wr.48  | wr.53   | 103  |



> **R850**

Ball valve, with female-female threaded connections.

Full port for 1/4", 3/8", 1/2", 3/4" - 1", 1-1/4", 1-1/2", 2"; standard port for 2-1/2", 3", 4".

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", 1-1/2", 2", 2-1/2", 3", 4"

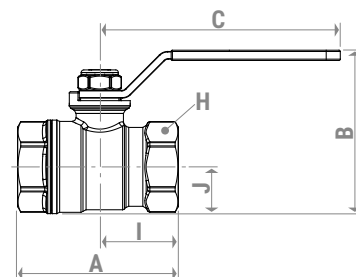
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R850X021     | G 1/4"F x G 1/4"F     | Chrome plated brass | Lever       | Red          |
| R850X022     | G 3/8"F x G 3/8"F     | Chrome plated brass | Lever       | Red          |
| R850X023     | G 1/2"F x G 1/2"F     | Chrome plated brass | Lever       | Red          |
| R850X024     | G 3/4"F x G 3/4"F     | Chrome plated brass | Lever       | Red          |
| R850X025     | G 1"F x G 1"F         | Chrome plated brass | Lever       | Red          |
| R850X026     | G 1-1/4"F x G 1-1/4"F | Chrome plated brass | Lever       | Red          |
| R850X027     | G 1-1/2"F x G 1-1/2"F | Chrome plated brass | Lever       | Red          |
| R850X028     | G 2"F x G 2"F         | Chrome plated brass | Lever       | Red          |
| R850X029     | G 2-1/2"F x G 2-1/2"F | Chrome plated brass | Lever       | Red          |
| R850X030     | G 3"F x G 3"F         | Chrome plated brass | Lever       | Red          |
| R850X031     | G 4"F x G 4"F         | Chrome plated brass | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R850X021     | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R850X022     | 10 | 46     | 23     | 45     | 13     | 77     | wr.20  | 6,7  |
| R850X023     | 15 | 53     | 27     | 51     | 16     | 77     | wr.25  | 12,7 |
| R850X024     | 20 | 60     | 30     | 67     | 20     | 95     | wr.31  | 24,6 |
| R850X025     | 25 | 74     | 37     | 76     | 25     | 95     | wr.38  | 48,5 |
| R850X026     | 32 | 84     | 42     | 85     | 29     | 95     | wr.47  | 98,0 |
| R850X027     | 40 | 95     | 47     | 104    | 35     | 137    | wr.54  | 140  |
| R850X028     | 50 | 109    | 54     | 120    | 43     | 137    | wr.66  | 211  |
| R850X029     | 58 | 146    | 73     | 154    | 52     | 173    | wr.82  | 240  |
| R850X030     | 68 | 160    | 80     | 169    | 60     | 173    | wr.98  | 269  |
| R850X031     | 90 | 207    | 104    | 207    | 77     | 187    | wr.122 | 461  |

> **R851T**

Ball valve, with female-female threaded connections, with probe holder M10x1 mm female threaded, for probe Ø 6 mm.

Full port.

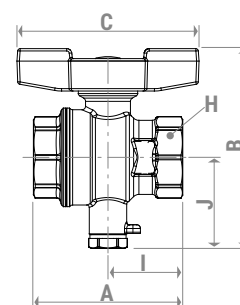
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for 1/2", 3/4"

2,8 MPa (28 bar) for 1"

| Product code | Connections       | Finishing | Handle type | Handle color | Notes             |
|--------------|-------------------|-----------|-------------|--------------|-------------------|
| R851TY103    | G 1/2"F x G 1/2"F | Brass     | T-handle    | Red          | With probe holder |
| R851TY104    | G 3/4"F x G 3/4"F | Brass     | T-handle    | Red          | With probe holder |
| R851TY105    | G 1"F x G 1"F     | Brass     | T-handle    | Red          | With probe holder |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R851TY103    | 15 | 53     | 27     | 73     | 35     | 63     | wr.25  | 12,7 |
| R851TY104    | 20 | 60     | 30     | 80     | 37     | 73     | wr.31  | 24,6 |
| R851TY105    | 25 | 74     | 37     | 86     | 39     | 73     | wr.38  | 48,5 |



> **DR850**

DADO ball valve, with female-female threaded connections and anti-dezincification brass.  
Full port.

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)

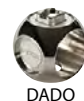
Max. working pressure at 20 °C with water and not dangerous gas: 3,5 MPa (35 bar) for 1/2", 3/4"

2,8 MPa (28 bar) for 1", 1-1/4", 1-1/2", 2"

Temperature range with liquid hydrocarbons\*: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

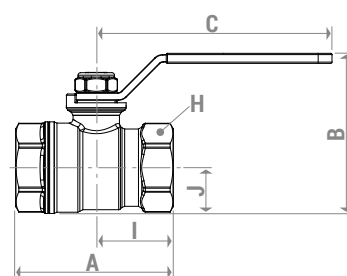
\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



DADO

| Product code | Connections           | Finishing | Handle type | Handle color | Notes                |
|--------------|-----------------------|-----------|-------------|--------------|----------------------|
| DR850Y023    | G 1/2"F x G 1/2"F     | Brass     | Lever       | Red          | DZR brass, DADO ball |
| DR850Y024    | G 3/4"F x G 3/4"F     | Brass     | Lever       | Red          | DZR brass, DADO ball |
| DR850Y025    | G 1"F x G 1"F         | Brass     | Lever       | Red          | DZR brass, DADO ball |
| DR850Y026    | G 1-1/4"F x G 1-1/4"F | Brass     | Lever       | Red          | DZR brass, DADO ball |
| DR850Y027    | G 1-1/2"F x G 1-1/2"F | Brass     | Lever       | Red          | DZR brass, DADO ball |
| DR850Y028    | G 2"F x G 2"F         | Brass     | Lever       | Red          | DZR brass, DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| DR850Y023    | 15 | 53     | 27     | 51     | 16     | 77     | wr.25  | 13,3 |
| DR850Y024    | 20 | 60     | 30     | 67     | 20     | 95     | wr.31  | 25,8 |
| DR850Y025    | 25 | 74     | 37     | 76     | 25     | 95     | wr.38  | 50,9 |
| DR850Y026    | 32 | 84     | 42     | 85     | 29     | 95     | wr.47  | 103  |
| DR850Y027    | 40 | 95     | 47     | 104    | 35     | 137    | wr.54  | 147  |
| DR850Y028    | 50 | 109    | 54     | 120    | 43     | 137    | wr.66  | 222  |

> **R851**

Ball valve, with female-female threaded connections.

Full port.

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"

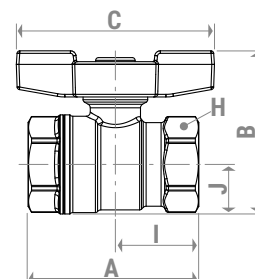
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| 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          |

| 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 |



> **R851TH**

Ball valve, with female-female threaded connections, for pipes with high insulation thickness.  
Full port.

Temperature range: -20÷110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water and not dangerous gas: 3,5 MPa (35 bar) for 3/8", 1/2", 3/4"  
2,8 MPa (28 bar) for 1", 1-1/4", 1-1/2", 2"

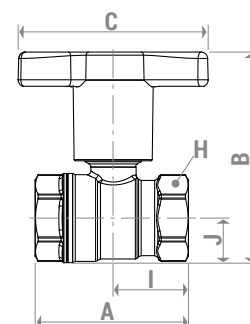
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type       | Handle color     | Notes                                    |
|--------------|-----------------------|---------------------|-------------------|------------------|------------------------------------------|
| R851TX002    | G 3/8"F x G 3/8"F     | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |
| R851TX003    | G 1/2"F x G 1/2"F     | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |
| R851TX004    | G 3/4"F x G 3/4"F     | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |
| R851TX005    | G 1"F x G 1"F         | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |
| R851TX006    | G 1-1/4"F x G 1-1/4"F | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |
| R851TX007    | G 1-1/2"F x G 1-1/2"F | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |
| R851TX008    | G 2"F x G 2"F         | Chrome plated brass | Extended T-handle | Red, Blue plates | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R851TX002    | 10 | 46     | 23     | 73     | 13     | 78     | wr.20  | 6,7  |
| R851TX003    | 15 | 53     | 27     | 80     | 16     | 78     | wr.25  | 12,7 |
| R851TX004    | 20 | 60     | 30     | 89     | 20     | 78     | wr.31  | 24,6 |
| R851TX005    | 25 | 74     | 37     | 98     | 24     | 78     | wr.38  | 48,5 |
| R851TX006    | 32 | 84     | 42     | 108    | 30     | 78     | wr.47  | 98,0 |
| R851TX007    | 40 | 95     | 47     | 141    | 35     | 96     | wr.54  | 140  |
| R851TX008    | 50 | 109    | 54     | 156    | 43     | 96     | wr.66  | 211  |

> **R854**

Ball valve, with female-male threaded connections.

Full port.

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"

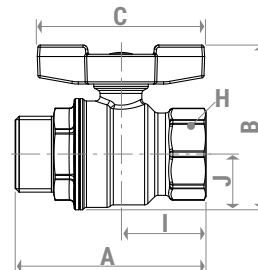
Temperature range with liquid hydrocarbons\*: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R854X023     | G 1/2"F x G 1/2"M     | Chrome plated brass | T-handle    | Red          |
| R854X024     | G 3/4"F x G 3/4"M     | Chrome plated brass | T-handle    | Red          |
| R854X025     | G 1"F x G 1"M         | Chrome plated brass | T-handle    | Red          |
| R854X026     | G 1-1/4"F x G 1-1/4"M | Chrome plated brass | T-handle    | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R854X023     | 15 | 64     | 27     | 54     | 16     | 63     | wr.25  | 12,7 |
| R854X024     | 20 | 72     | 30     | 64     | 20     | 73     | wr.31  | 24,6 |
| R854X025     | 25 | 83     | 37     | 72     | 24     | 73     | wr.38  | 48,5 |
| R854X026     | 32 | 97     | 42     | 82     | 29     | 73     | wr.47  | 98,0 |



> **R854L**

Ball valve, with female-male threaded connections.

Full port.

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", 1-1/2", 2"

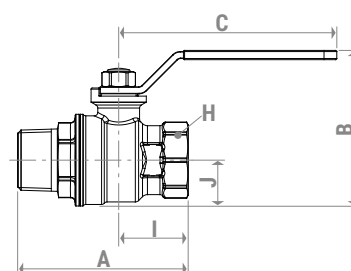
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R854LX023    | G 1/2"F x G 1/2"M     | Chrome plated brass | Lever       | Red          |
| R854LX024    | G 3/4"F x G 3/4"M     | Chrome plated brass | Lever       | Red          |
| R854LX025    | G 1"F x G 1"M         | Chrome plated brass | Lever       | Red          |
| R854LX026    | G 1-1/4"F x G 1-1/4"M | Chrome plated brass | Lever       | Red          |
| R854LX027    | G 1-1/2"F x G 1-1/2"M | Chrome plated brass | Lever       | Red          |
| R854LX028    | G 2"F x G 2"M         | Chrome plated brass | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R854LX023    | 15 | 66     | 27     | 52     | 16     | 77     | wr.25  | 12,7 |
| R854LX024    | 20 | 74     | 30     | 67     | 20     | 94     | wr.31  | 24,6 |
| R854LX025    | 25 | 86     | 37     | 76     | 24     | 94     | wr.38  | 48,5 |
| R854LX026    | 32 | 100    | 42     | 85     | 29     | 94     | wr.47  | 98   |
| R854LX027    | 40 | 110    | 47     | 105    | 35     | 136    | wr.54  | 140  |
| R854LX028    | 50 | 129    | 54     | 120    | 43     | 136    | wr.67  | 211  |

> **R859**

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

Full port.

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"

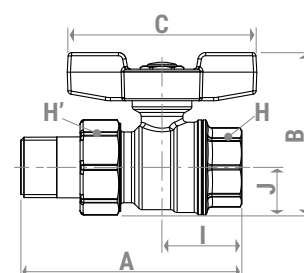
Temperature range with liquid hydrocarbons\*: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

\*Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

| 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         |

| 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   | 98,0 |
| 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   | 98,0 |

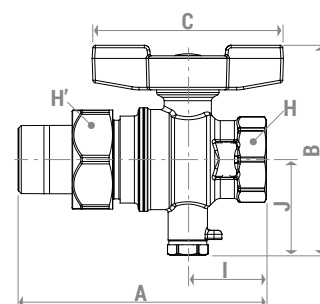


> **R859T**

Ball valve, with female-tail piece male threaded connections, with probe holder M10x1 mm female threaded, for probe Ø 6 mm.  
Full port.  
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)  
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for 3/4"  
2,8 MPa (28 bar) for 1"

| Product code | Connections       | Finishing | Handle type | Handle color | Notes             |
|--------------|-------------------|-----------|-------------|--------------|-------------------|
| R859TY005    | G 3/4"F x G 3/4"M | Brass     | T-handle    | Red          | With probe holder |
| R859TY006    | G 3/4"F x G 1"M   | Brass     | T-handle    | Red          | With probe holder |
| R859TY007    | G 1"F x G 1"M     | Brass     | T-handle    | Red          | With probe holder |

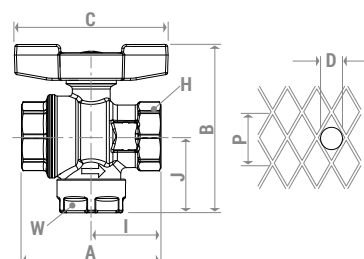
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R859TY005    | 20 | 95     | 30     | 80     | 36     | 73     | wr.31  | wr.38   | 24,6 |
| R859TY006    | 20 | 100    | 30     | 80     | 36     | 73     | wr.31  | wr.46   | 24,6 |
| R859TY007    | 25 | 108    | 37     | 84     | 38     | 73     | wr.38  | wr.46   | 48,5 |

> **R701F**

Ball valve with built-in filter, female-female threaded connections.  
Full port.  
Temperature range: 5÷90 °C (5÷110 °C with P74M magnetic kit installed)  
Max. working pressure at 20 °C with water: 3,2 MPa (32 bar)

| Product code | Connections       | Finishing | Handle type | Handle color | Notes                |
|--------------|-------------------|-----------|-------------|--------------|----------------------|
| R701FY023    | G 1/2"F x G 1/2"F | Brass     | T-handle    | Red          | With built-in filter |
| R701FY024    | G 3/4"F x G 3/4"F | Brass     | T-handle    | Red          | With built-in filter |
| R701FY025    | G 1"F x G 1"F     | Brass     | T-handle    | Red          | With built-in filter |
| R701FY112    | Rc 3/8" x Rc 3/8" | DZR brass | T-handle    | Red          | With built-in filter |
| R701FY113    | Rc 1/2" x Rc 1/2" | DZR brass | T-handle    | Red          | With built-in filter |
| R701FY114    | Rc 3/4" x Rc 3/4" | DZR brass | T-handle    | Red          | With built-in filter |
| R701FY115    | Rc 1" x Rc 1"     | DZR brass | T-handle    | Red          | With built-in filter |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | W [mm] | P [μm] | N  | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|--------|----|-----|
| R701FY023    | 15 | 59     | 30     | 69     | 31     | 63     | wr.25  | wr.27  | 1      | 70 | 2,5 |
| R701FY024    | 20 | 66     | 33     | 80     | 36     | 73     | wr.31  | wr.30  | 1      | 70 | 4,6 |
| R701FY025    | 25 | 79     | 40     | 94     | 46     | 73     | wr.38  | wr.40  | 1      | 70 | 10  |
| R701FY112    | 10 | 59     | 30     | 69     | 31     | 63     | wr.25  | wr.27  | 1      | 70 | 2   |
| R701FY113    | 15 | 59     | 30     | 69     | 31     | 63     | wr.25  | wr.27  | 1      | 70 | 2,5 |
| R701FY114    | 20 | 66     | 33     | 80     | 36     | 73     | wr.31  | wr.30  | 1      | 70 | 4,6 |
| R701FY115    | 25 | 79     | 40     | 94     | 46     | 73     | wr.38  | wr.40  | 1      | 70 | 10  |



D = Diameter of inscribed hole  
P = Hole pitch  
N = Number of holes per cm<sup>2</sup>

> **R752**

Ball valve, with female-female threaded connections with nut and gasket, with adjustable tail piece (valve length adjustment: 8 mm), specific for meters connection.

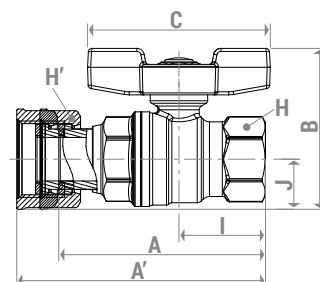
Full port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar)

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes                                         |
|--------------|-----------------------|---------------------|-------------|--------------|-----------------------------------------------|
| R752X003     | G 1/2"F x G 3/4"F Nut | Chrome plated brass | T-handle    | Red          | Nut with 3 holes of 2,5 mm, to seal the meter |

| Product code | DN | A [mm] | A' [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|---------|--------|--------|--------|--------|--------|---------|------|
| R752X003     | 15 | 74     | 82      | 30     | 56     | 18     | 63     | wr.26  | wr.30   | 12,7 |

> **R789**

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

Full port.

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)

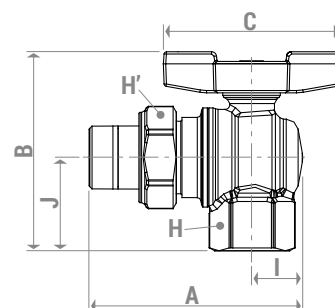
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| 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         |

| 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 |



> **R780P-1**

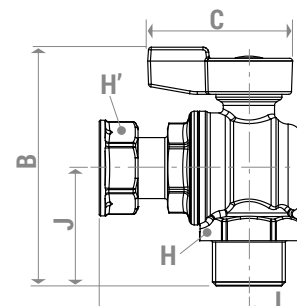
Angle ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection.  
Full port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)

| Product code | Connections           | Finishing           | Handle type       | Handle color | Notes                                  |
|--------------|-----------------------|---------------------|-------------------|--------------|----------------------------------------|
| R780PX013    | G 1/2"M x G 1/2"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |
| R780PX014    | G 3/4"M x G 3/4"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|-----|
| R780PX013    | 15 | 65     | 17     | 78     | 40     | 44     | wr.26  | wr.24   | 4,8 |
| R780PX014    | 20 | 75     | 21     | 86     | 43     | 52     | wr.32  | wr.30   | 8,0 |

> **R781P-1**

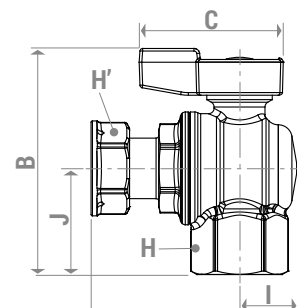
Angle ball valve, with female-female threaded connections with nut and gasket, specific for under boiler use and for meters connection.  
Full port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)

| Product code | Connections           | Finishing           | Handle type       | Handle color | Notes                                  |
|--------------|-----------------------|---------------------|-------------------|--------------|----------------------------------------|
| R781PX013    | G 1/2"F x G 1/2"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |
| R781PX014    | G 3/4"F x G 3/4"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|-----|
| R781PX013    | 15 | 65     | 17     | 71     | 33     | 44     | wr.26  | wr.24   | 4,8 |
| R781PX014    | 20 | 75     | 21     | 83     | 39     | 52     | wr.32  | wr.30   | 8,0 |



> **R250DS**

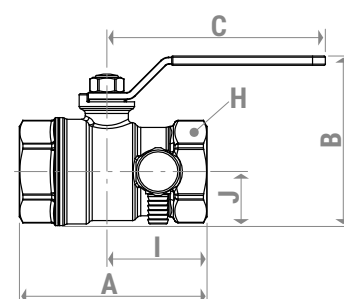
Ball valve, with female-female threaded connections, with drain cock with hose connection Ø 9 mm.  
Standard port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

| Product code | Connections           | Drain cock size | Finishing           | Handle type | Handle color | Notes           |
|--------------|-----------------------|-----------------|---------------------|-------------|--------------|-----------------|
| R250SX003    | G 1/2"F x G 1/2"F     | 1/4"            | Chrome plated brass | Lever       | Red          | With drain cock |
| R250SX004    | G 3/4"F x G 3/4"F     | 1/4"            | Chrome plated brass | Lever       | Red          | With drain cock |
| R250SX005    | G 1"F x G 1"F         | 1/4"            | Chrome plated brass | Lever       | Red          | With drain cock |
| R250SX006    | G 1-1/4"F x G 1-1/4"F | 3/8"            | Chrome plated brass | Lever       | Red          | With drain cock |
| R250SX007    | G 1-1/2"F x G 1-1/2"F | 3/8"            | Chrome plated brass | Lever       | Red          | With drain cock |
| R250SX008    | G 2"F x G 2"F         | 3/8"            | Chrome plated brass | Lever       | Red          | With drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R250SX003    | 14 | 59     | 32     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250SX004    | 18 | 69     | 36     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250SX005    | 22 | 81     | 43     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250SX006    | 28 | 98     | 56     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250SX007    | 35 | 107    | 60     | 100    | 33     | 136    | wr.55  | 105  |
| R250SX008    | 45 | 121    | 67     | 115    | 41     | 136    | wr.67  | 158  |

> **R251S**

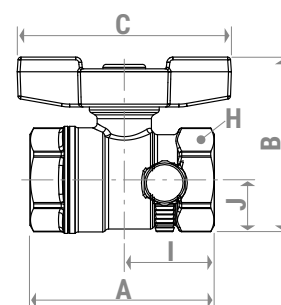
Ball valve, with female-female connections, with drain cock with hose connection Ø 9 mm.  
Standard port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"  
3,5 MPa (35 bar) for 1"

| Product code | Connections       | Drain cock size | Finishing           | Handle type | Handle color | Notes           |
|--------------|-------------------|-----------------|---------------------|-------------|--------------|-----------------|
| R251SX003    | G 1/2"F x G 1/2"F | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R251SX004    | G 3/4"F x G 3/4"F | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R251SX005    | G 1"F x G 1"F     | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251SX003    | 14 | 59     | 32     | 50     | 15     | 63     | wr.25  | 10,2 |
| R251SX004    | 18 | 69     | 36     | 60     | 18     | 73     | wr.32  | 18,5 |
| R251SX005    | 22 | 81     | 43     | 69     | 23     | 73     | wr.39  | 36,3 |



> **R250D**

Ball valve, with female-female threaded connections.

Standard port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"  
2,8 MPa (28 bar) for 2-1/2", 3", 4"

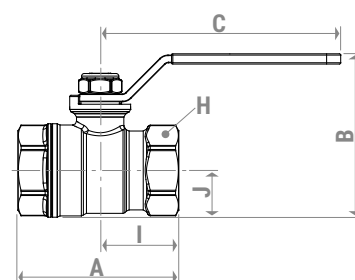
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R250X001     | G 1/4"F x G 1/4"F     | Chrome plated brass | Lever       | Red          |
| R250X002     | G 3/8"F x G 3/8"F     | Chrome plated brass | Lever       | Red          |
| R250X003     | G 1/2"F x G 1/2"F     | Chrome plated brass | Lever       | Red          |
| R250X004     | G 3/4"F x G 3/4"F     | Chrome plated brass | Lever       | Red          |
| R250X005     | G 1"F x G 1"F         | Chrome plated brass | Lever       | Red          |
| R250X006     | G 1-1/4"F x G 1-1/4"F | Chrome plated brass | Lever       | Red          |
| R250X007     | G 1-1/2"F x G 1-1/2"F | Chrome plated brass | Lever       | Red          |
| R250X008     | G 2"F x G 2"F         | Chrome plated brass | Lever       | Red          |
| R250X009     | G 2-1/2"F x G 2-1/2"F | Chrome plated brass | Lever       | Red          |
| R250X010     | G 3"F x G 3"F         | Chrome plated brass | Lever       | Red          |
| R250X011     | G 4"F x G 4"F         | Chrome plated brass | Lever       | Red          |
| R250ZX001    | Rc 1/4" x Rc 1/4"     | Chrome plated brass | Lever       | Red          |
| R250ZX002    | Rc 3/8" x Rc 3/8"     | Chrome plated brass | Lever       | Red          |
| R250ZX003    | Rc 1/2" x Rc 1/2"     | Chrome plated brass | Lever       | Red          |
| R250ZX004    | Rc 3/4" x Rc 3/4"     | Chrome plated brass | Lever       | Red          |
| R250ZX005    | Rc 1" x Rc 1"         | Chrome plated brass | Lever       | Red          |
| R250ZX006    | Rc 1-1/4" x Rc 1-1/4" | Chrome plated brass | Lever       | Red          |
| R250ZX007    | Rc 1-1/2" x Rc 1-1/2" | Chrome plated brass | Lever       | Red          |
| R250ZX008    | Rc 2" x Rc 2"         | Chrome plated brass | Lever       | Red          |
| R250ZX009    | Rc 2-1/2" x Rc 2-1/2" | Chrome plated brass | Lever       | Red          |
| R250ZX010    | Rc 3" x Rc 3"         | Chrome plated brass | Lever       | Red          |
| R250ZX011    | Rc 4" x Rc 4"         | Chrome plated brass | Lever       | Red          |
| R250ZY001    | Rc 1/4" x Rc 1/4"     | Brass               | Lever       | Red          |
| R250ZY002    | Rc 3/8" x Rc 3/8"     | Brass               | Lever       | Red          |
| R250ZY003    | Rc 1/2" x Rc 1/2"     | Brass               | Lever       | Red          |
| R250ZY004    | Rc 3/4" x Rc 3/4"     | Brass               | Lever       | Red          |
| R250ZY005    | Rc 1" x Rc 1"         | Brass               | Lever       | Red          |
| R250ZY006    | Rc 1-1/4" x Rc 1-1/4" | Brass               | Lever       | Red          |
| R250ZY007    | Rc 1-1/2" x Rc 1-1/2" | Brass               | Lever       | Red          |
| R250ZY008    | Rc 2" x Rc 2"         | Brass               | Lever       | Red          |
| R250ZY009    | Rc 2-1/2" x Rc 2-1/2" | Brass               | Lever       | Red          |
| R250ZY010    | Rc 3" x Rc 3"         | Brass               | Lever       | Red          |
| R250ZY011    | Rc 4" x Rc 4"         | Brass               | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R250X001     | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R250X002     | 10 | 45     | 22     | 46     | 14     | 77     | wr.21  | 6,7  |
| R250X003     | 14 | 54     | 27     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250X004     | 18 | 63     | 31     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250X005     | 22 | 75     | 38     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250X006     | 28 | 84     | 42     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250X007     | 35 | 93     | 46     | 100    | 33     | 136    | wr.55  | 105  |
| R250X008     | 45 | 107    | 54     | 115    | 41     | 136    | wr.67  | 158  |
| R250X009     | 58 | 146    | 73     | 154    | 52     | 173    | wr.82  | 240  |
| R250X010     | 68 | 160    | 80     | 169    | 60     | 173    | wr.98  | 269  |
| R250X011     | 90 | 207    | 104    | 207    | 77     | 187    | wr.122 | 461  |
| R250ZX001    | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R250ZX002    | 10 | 45     | 22     | 46     | 14     | 77     | wr.21  | 6,7  |
| R250ZX003    | 14 | 54     | 27     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250ZX004    | 18 | 63     | 31     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250ZX005    | 22 | 75     | 38     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250ZX006    | 28 | 84     | 42     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250ZX007    | 35 | 93     | 46     | 100    | 33     | 136    | wr.55  | 105  |
| R250ZX008    | 45 | 107    | 54     | 115    | 41     | 136    | wr.67  | 158  |
| R250ZX009    | 58 | 146    | 73     | 154    | 52     | 173    | wr.82  | 240  |
| R250ZX010    | 68 | 160    | 80     | 169    | 60     | 173    | wr.98  | 269  |
| R250ZX011    | 90 | 207    | 104    | 207    | 77     | 187    | wr.122 | 461  |
| R250ZY001    | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R250ZY002    | 10 | 45     | 22     | 46     | 14     | 77     | wr.21  | 6,7  |
| R250ZY003    | 14 | 54     | 27     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250ZY004    | 18 | 63     | 31     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250ZY005    | 22 | 75     | 38     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250ZY006    | 28 | 84     | 42     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250ZY007    | 35 | 93     | 46     | 100    | 33     | 136    | wr.55  | 105  |
| R250ZY008    | 45 | 107    | 54     | 115    | 41     | 136    | wr.67  | 158  |
| R250ZY009    | 58 | 146    | 73     | 154    | 52     | 173    | wr.82  | 240  |
| R250ZY010    | 68 | 160    | 80     | 169    | 60     | 173    | wr.98  | 269  |
| R250ZY011    | 90 | 207    | 104    | 207    | 77     | 187    | wr.122 | 461  |



## > R251D



Ball valve, with female-female threaded connections.

Standard port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

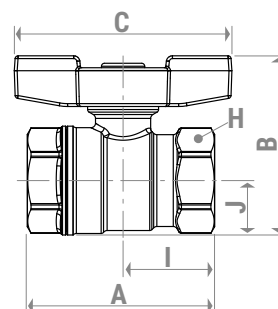
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R251X001     | G 1/4"F x G 1/4"F     | Chrome plated brass | T-handle    | Red          |
| R251X002     | G 3/8"F x G 3/8"F     | Chrome plated brass | T-handle    | Red          |
| R251X003     | G 1/2"F x G 1/2"F     | Chrome plated brass | T-handle    | Red          |
| R251X004     | G 3/4"F x G 3/4"F     | Chrome plated brass | T-handle    | Red          |
| R251X005     | G 1"F x G 1"F         | Chrome plated brass | T-handle    | Red          |
| R251X006     | G 1-1/4"F x G 1-1/4"F | Chrome plated brass | T-handle    | Red          |
| R251ZX001    | Rc 1/4" x Rc 1/4"     | Chrome plated brass | T-handle    | Red          |
| R251ZX003    | Rc 1/2" x Rc 1/2"     | Chrome plated brass | T-handle    | Red          |
| R251ZX004    | Rc 3/4" x Rc 3/4"     | Chrome plated brass | T-handle    | Red          |
| R251ZX005    | Rc 1" x Rc 1"         | Chrome plated brass | T-handle    | Red          |
| R251ZX006    | Rc 1-1/4" x Rc 1-1/4" | Chrome plated brass | T-handle    | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251X001     | 8  | 43     | 21     | 35     | 10     | 40     | wr.17  | 6,6  |
| R251X002     | 10 | 45     | 22     | 46     | 14     | 63     | wr.21  | 6,7  |
| R251X003     | 14 | 54     | 27     | 51     | 15     | 63     | wr.25  | 10,2 |
| R251X004     | 18 | 63     | 31     | 60     | 18     | 73     | wr.32  | 18,5 |
| R251X005     | 22 | 75     | 38     | 73     | 23     | 73     | wr.39  | 36,3 |
| R251X006     | 28 | 84     | 42     | 78     | 28     | 73     | wr.48  | 73,5 |
| R251ZX001    | 8  | 43     | 21     | 35     | 10     | 40     | wr.17  | 6,6  |
| R251ZX003    | 14 | 54     | 27     | 51     | 15     | 63     | wr.25  | 10,2 |
| R251ZX004    | 18 | 63     | 31     | 60     | 18     | 73     | wr.32  | 18,5 |
| R251ZX005    | 22 | 75     | 38     | 73     | 23     | 73     | wr.39  | 36,3 |
| R251ZX006    | 28 | 84     | 42     | 78     | 28     | 73     | wr.48  | 73,5 |



> **R251TH**

Ball valve, with female-female threaded connections, for pipes with high insulation thickness.  
Standard port.

Temperature range: -20÷110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time  
Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"

3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

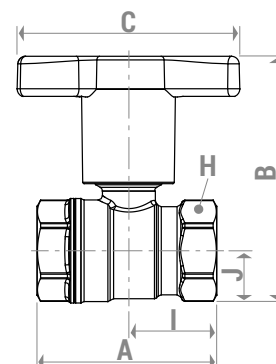
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type       | Handle color | Notes                                    |
|--------------|-----------------------|---------------------|-------------------|--------------|------------------------------------------|
| R251X052     | G 3/8"F x G 3/8"F     | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |
| R251X053     | G 1/2"F x G 1/2"F     | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |
| R251X054     | G 3/4"F x G 3/4"F     | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |
| R251X055     | G 1"F x G 1"F         | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |
| R251X056     | G 1-1/4"F x G 1-1/4"F | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |
| R251X057     | G 1-1/2"F x G 1-1/2"F | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |
| R251X058     | G 2"F x G 2"F         | Chrome plated brass | Extended T-handle | Red plate    | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251X052     | 10 | 45     | 22     | 75     | 14     | 78     | wr.21  | 6,7  |
| R251X053     | 14 | 54     | 27     | 77     | 15     | 78     | wr.25  | 10,2 |
| R251X054     | 18 | 53     | 31     | 86     | 18     | 78     | wr.32  | 18,5 |
| R251X055     | 22 | 75     | 38     | 95     | 23     | 78     | wr.39  | 36,3 |
| R251X056     | 28 | 84     | 42     | 104    | 28     | 78     | wr.48  | 73,5 |
| R251X057     | 35 | 93     | 46     | 136    | 33     | 98     | wr.55  | 105  |
| R251X058     | 45 | 107    | 54     | 152    | 41     | 98     | wr.67  | 158  |



## &gt; R251P



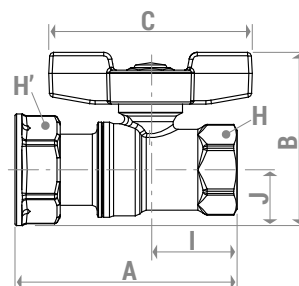
Ball valve, with female-female threaded connections with nut and gasket, specific for meters connection.  
Standard port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2"F, 3/4"F  
3,5 MPa (35 bar) for 1"F

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes                                         |
|--------------|-----------------------|---------------------|-------------|--------------|-----------------------------------------------|
| R251PX002    | G 1/2"F x G 1/2"F Nut | Chrome plated brass | T-handle    | Red          | Nut without holes                             |
| R251PX003    | G 1/2"F x G 3/4"F Nut | Chrome plated brass | T-handle    | Red          |                                               |
| R251PX004    | G 3/4"F x G 3/4"F Nut | Chrome plated brass | T-handle    | Red          |                                               |
| R251PX005    | G 3/4"F x G 1"F Nut   | Chrome plated brass | T-handle    | Red          |                                               |
| R251PX006    | G 1"F x G 1"F Nut     | Chrome plated brass | T-handle    | Red          |                                               |
| R251PY003    | G 1/2"F x G 3/4"F Nut | Brass               | T-handle    | Red          | Nut with 3 holes of 2,5 mm, to seal the meter |
| R251PY004    | G 3/4"F x G 3/4"F Nut | Brass               | T-handle    | Red          |                                               |
| R251PY005    | G 3/4"F x G 1"F Nut   | Brass               | T-handle    | Red          |                                               |
| R251PY006    | G 1"F x G 1"F Nut     | Brass               | T-handle    | Red          |                                               |
| R251PY045    | G 3/4"F x G 1"F Nut   | Brass               | T-handle    | Blue         |                                               |
| R251PY046    | G 1"F x G 1"F Nut     | Brass               | T-handle    | Blue         |                                               |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R251PX002    | 14 | 68     | 27     | 51     | 15     | 63     | wr.25  | wr.24   | 10,2 |
| R251PX003    | 14 | 76     | 27     | 54     | 18     | 63     | wr.25  | wr.30   | 10,2 |
| R251PX004    | 14 | 76     | 28     | 54     | 18     | 63     | wr.32  | wr.30   | 10,2 |
| R251PX005    | 18 | 85     | 31     | 63     | 21     | 73     | wr.32  | wr.37   | 18,5 |
| R251PX006    | 22 | 105    | 38     | 69     | 23     | 73     | wr.40  | wr.37   | 36,3 |
| R251PY003    | 14 | 76     | 27     | 54     | 18     | 63     | wr.25  | wr.30   | 10,2 |
| R251PY004    | 14 | 76     | 28     | 54     | 18     | 63     | wr.32  | wr.30   | 10,2 |
| R251PY005    | 18 | 85     | 31     | 63     | 21     | 73     | wr.32  | wr.37   | 18,5 |
| R251PY006    | 22 | 103    | 38     | 69     | 23     | 73     | wr.40  | wr.37   | 36,3 |
| R251PY045    | 18 | 85     | 31     | 63     | 21     | 73     | wr.32  | wr.37   | 18,5 |
| R251PY046    | 22 | 105    | 38     | 69     | 23     | 73     | wr.40  | wr.37   | 36,3 |



## &gt; R251P-1



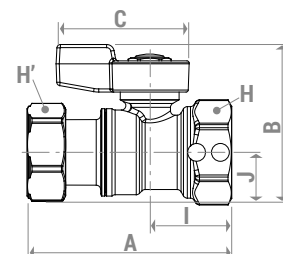
Ball valve, with female-female threaded connections with nut and gasket, specific for under boiler use and for meters connection.  
Standard port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)

| Product code | Connections           | Finishing           | Handle type       | Handle color | Notes                                  |
|--------------|-----------------------|---------------------|-------------------|--------------|----------------------------------------|
| R251PX012    | G 1/2"F x G 1/2"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |
| R251PX014    | G 3/4"F x G 3/4"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R251PX012    | 14 | 68     | 27     | 51     | 15     | 44     | wr.25  | wr.24   | 10,2 |
| R251PX014    | 14 | 76     | 28     | 54     | 18     | 52     | wr.32  | wr.30   | 10,2 |

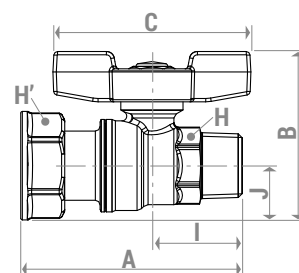


> **R254P**

Ball valve, with male-female threaded connections with nut and gasket, specific for meters connection.  
Standard port.  
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)  
Max. working pressure at 20 °C with water: 4,2 MPa

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes                                         |
|--------------|-----------------------|---------------------|-------------|--------------|-----------------------------------------------|
| R254PX004    | G 3/4"M x G 3/4"F Nut | Chrome plated brass | T-handle    | Red          | Nut with 3 holes of 2,5 mm, to seal the meter |
| R254PY003    | G 1/2"M x G 3/4"F Nut | Brass               | T-handle    | Red          |                                               |
| R254PY004    | G 3/4"M x G 3/4"F Nut | Brass               | T-handle    | Red          |                                               |

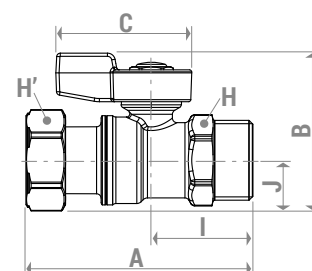
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R254PX004    | 14 | 75     | 35     | 54     | 18     | 63     | wr.27  | wr.30   | 10,2 |
| R254PY003    | 14 | 71     | 29     | 54     | 18     | 63     | wr.22  | wr.30   | 10,2 |
| R254PY004    | 14 | 75     | 35     | 54     | 18     | 63     | wr.27  | wr.30   | 10,2 |

> **R254P-1**

Ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection.  
Standard port.  
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)  
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)

| Product code | Connections           | Finishing           | Handle type       | Handle color | Notes                                  |
|--------------|-----------------------|---------------------|-------------------|--------------|----------------------------------------|
| R254PX012    | G 1/2"M x G 1/2"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |
| R254PX014    | G 3/4"M x G 3/4"F Nut | Nickel plated brass | Single lug handle | Red          | Under boiler use, for meter connection |
| R254PX102    | G 1/2"M x G 1/2"F Nut | Brass               | Single lug handle | Red          | Under boiler use, for meter connection |
| R254PX112    | G 1/2"M x G 1/2"F Nut | Brass               | Single lug handle | Blue         | Under boiler use, for meter connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R254PX012    | 14 | 70     | 29     | 51     | 15     | 44     | wr.22  | wr.24   | 10,2 |
| R254PX014    | 14 | 75     | 34     | 52     | 18     | 52     | wr.27  | wr.30   | 10,2 |
| R254PX102    | 14 | 70     | 29     | 51     | 15     | 44     | wr.22  | wr.24   | 10,2 |
| R254PX112    | 14 | 70     | 29     | 51     | 15     | 44     | wr.22  | wr.24   | 10,2 |



> **R253D**

Ball valve, with male-male threaded connections.

Standard port.

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 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

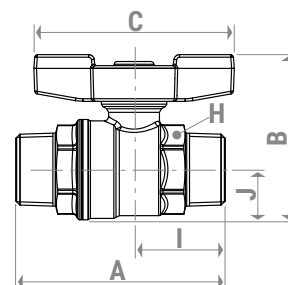
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections         | Finishing           | Handle type | Handle color |
|--------------|---------------------|---------------------|-------------|--------------|
| R253X002     | R 3/8" x R 3/8"     | Chrome plated brass | T-handle    | Red          |
| R253X003     | R 1/2" x R 1/2"     | Chrome plated brass | T-handle    | Red          |
| R253X004     | R 3/4" x R 3/4"     | Chrome plated brass | T-handle    | Red          |
| R253X005     | R 1" x R 1"         | Chrome plated brass | T-handle    | Red          |
| R253X006     | R 1-1/4" x R 1-1/4" | Chrome plated brass | T-handle    | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R253X002     | 10 | 58     | 26     | 49     | 14     | 63     | wr.19  | 6,7  |
| R253X003     | 14 | 66     | 29     | 51     | 15     | 63     | wr.22  | 10,2 |
| R253X004     | 18 | 79     | 33     | 60     | 19     | 73     | wr.29  | 18,5 |
| R253X005     | 22 | 91     | 40     | 69     | 23     | 73     | wr.36  | 36,3 |
| R253X006     | 28 | 108    | 47     | 78     | 28     | 73     | wr.44  | 73,5 |

> **R254D**

Ball valve, with female-male threaded connections.

Standard port.

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

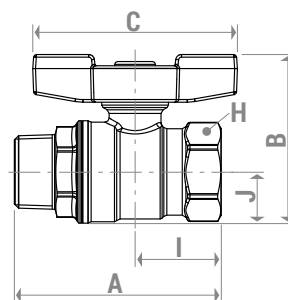
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections          | Finishing           | Handle type | Handle color |
|--------------|----------------------|---------------------|-------------|--------------|
| R254X001     | G 1/4"F x R 1/4"     | Chrome plated brass | T-handle    | Red          |
| R254X002     | G 3/8"F x R 3/8"     | Chrome plated brass | T-handle    | Red          |
| R254X003     | G 1/2"F x R 1/2"     | Chrome plated brass | T-handle    | Red          |
| R254X004     | G 3/4"F x R 3/4"     | Chrome plated brass | T-handle    | Red          |
| R254X005     | G 1"F x R 1"         | Chrome plated brass | T-handle    | Red          |
| R254X006     | G 1-1/4"F x R 1-1/4" | Chrome plated brass | T-handle    | Red          |
| R254ZX002    | Rc 3/8" x R 3/8"     | Chrome plated brass | T-handle    | Red          |
| R254ZX003    | Rc 1/2" x R 1/2"     | Chrome plated brass | T-handle    | Red          |
| R254ZX004    | Rc 3/4" x R 3/4"     | Chrome plated brass | T-handle    | Red          |
| R254ZX005    | Rc 1" x R 1"         | Chrome plated brass | T-handle    | Red          |
| R254ZX006    | Rc 1-1/4" x R 1-1/4" | Chrome plated brass | T-handle    | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R254X001     | 8  | 51     | 21     | 35     | 10     | 40     | wr.17  | 6,6  |
| R254X002     | 10 | 55     | 22     | 46     | 14     | 63     | wr.21  | 6,7  |
| R254X003     | 14 | 64     | 27     | 51     | 15     | 63     | wr.25  | 10,2 |
| R254X004     | 18 | 76     | 31     | 60     | 18     | 73     | wr.32  | 18,5 |
| R254X005     | 22 | 89     | 38     | 69     | 23     | 73     | wr.39  | 36,3 |
| R254X006     | 28 | 100    | 42     | 78     | 28     | 73     | wr.48  | 73,5 |
| R254ZX002    | 10 | 55     | 22     | 46     | 14     | 63     | wr.21  | 6,7  |
| R254ZX003    | 14 | 64     | 27     | 51     | 15     | 63     | wr.25  | 10,2 |
| R254ZX004    | 18 | 76     | 31     | 60     | 18     | 73     | wr.32  | 18,5 |
| R254ZX005    | 22 | 89     | 38     | 69     | 23     | 73     | wr.39  | 36,3 |
| R254ZX006    | 28 | 100    | 42     | 78     | 28     | 73     | wr.48  | 73,5 |



> **R253DL**

Ball valve, with male-male threaded connections.  
Standard port.

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 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

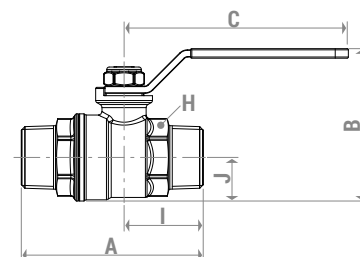
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections         | Finishing           | Handle type | Handle color |
|--------------|---------------------|---------------------|-------------|--------------|
| R253LX002    | R 3/8" x R 3/8"     | Chrome plated brass | Lever       | Red          |
| R253LX003    | R 1/2" x R 1/2"     | Chrome plated brass | Lever       | Red          |
| R253LX004    | R 3/4" x R 3/4"     | Chrome plated brass | Lever       | Red          |
| R253LX005    | R 1" x R 1"         | Chrome plated brass | Lever       | Red          |
| R253LX006    | R 1-1/4" x R 1-1/4" | Chrome plated brass | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R253LX002    | 10 | 58     | 26     | 49     | 14     | 77     | wr.19  | 6,7  |
| R253LX003    | 14 | 66     | 29     | 51     | 15     | 77     | wr.22  | 10,2 |
| R253LX004    | 18 | 79     | 33     | 60     | 19     | 94     | wr.29  | 18,5 |
| R253LX005    | 22 | 91     | 40     | 69     | 23     | 94     | wr.36  | 36,3 |
| R253LX006    | 28 | 108    | 47     | 78     | 28     | 94     | wr.44  | 73,5 |

> **R254DL**

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

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

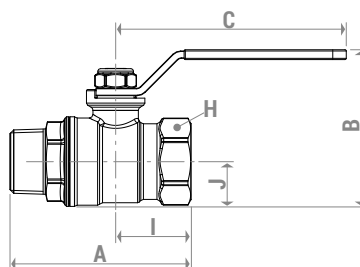
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R254LX001    | G 1/4"F x R 1/4"      | Chrome plated brass | Lever       | Red          |
| R254LX002    | G 3/8"F x R 3/8"      | Chrome plated brass | Lever       | Red          |
| R254LX003    | G 1/2"F x R 1/2"      | Chrome plated brass | Lever       | Red          |
| R254LX004    | G 3/4"F x R 3/4"      | Chrome plated brass | Lever       | Red          |
| R254LX005    | G 1"F x R 1"          | Chrome plated brass | Lever       | Red          |
| R254LX006    | G 1-1/4"F x R 1-1/4"  | Chrome plated brass | Lever       | Red          |
| R254LX007    | G 1-1/2"F x G 1-1/2"M | Chrome plated brass | Lever       | Red          |
| R254LX008    | G 2"F x G 2"M         | Chrome plated brass | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R254LX001    | 8  | 51     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R254LX002    | 10 | 55     | 22     | 46     | 14     | 77     | wr.21  | 6,7  |
| R254LX003    | 14 | 64     | 27     | 49     | 15     | 77     | wr.25  | 10,2 |
| R254LX004    | 18 | 76     | 31     | 64     | 18     | 94     | wr.32  | 18,5 |
| R254LX005    | 22 | 89     | 38     | 73     | 23     | 94     | wr.39  | 36,3 |
| R254LX006    | 28 | 100    | 42     | 82     | 28     | 94     | wr.48  | 73,5 |
| R254LX007    | 35 | 105    | 46     | 100    | 33     | 136    | wr.55  | 105  |
| R254LX008    | 45 | 124    | 54     | 115    | 41     | 136    | wr.67  | 158  |



> **R259D**

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

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

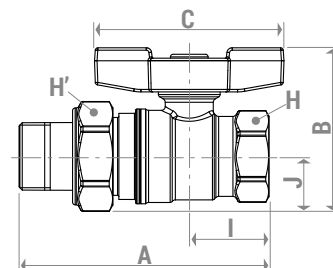
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| 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          |

| 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 |



## > R259DS



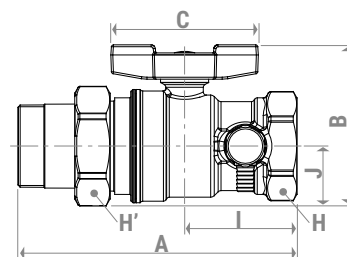
Ball valve, with female-tail piece male threaded connections, with drain cock with hose connection Ø 9 mm.  
Standard port.

Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2"F, 3/4"F  
3,5 MPa (35 bar) for 1"F, 1-1/4"F

| Product code | Connections           | Drain cock size | Finishing           | Handle type | Handle color | Notes           |
|--------------|-----------------------|-----------------|---------------------|-------------|--------------|-----------------|
| R259SX003    | G 1/2"F x G 1/2"M     | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R259SX004    | G 1/2"F x G 3/4"M     | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R259SX005    | G 3/4"F x G 3/4"M     | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R259SX006    | G 3/4"F x G 1"M       | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R259SX007    | G 1"F x G 1"M         | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R259SX008    | G 1"F x G 1-1/4"M     | 1/4"            | Chrome plated brass | T-handle    | Red          | With drain cock |
| R259SX009    | G 1-1/4"F x G 1-1/4"M | 3/8"            | Chrome plated brass | T-handle    | Red          | With drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R259SX003    | 14 | 91     | 32     | 53     | 17     | 63     | wr.25  | wr.30   | 10,2 |
| R259SX004    | 14 | 93     | 32     | 57     | 21     | 63     | wr.25  | wr.38   | 10,2 |
| R259SX005    | 18 | 102    | 37     | 63     | 21     | 73     | wr.32  | wr.38   | 18,5 |
| R259SX006    | 18 | 107    | 37     | 67     | 26     | 73     | wr.32  | wr.46   | 18,5 |
| R259SX007    | 22 | 116    | 53     | 72     | 26     | 73     | wr.39  | wr.46   | 36,3 |
| R259SX008    | 22 | 120    | 53     | 76     | 30     | 73     | wr.39  | wr.53   | 36,3 |
| R259SX009    | 28 | 138    | 56     | 80     | 30     | 73     | wr.48  | wr.53   | 73,5 |



## > R287



Ball valve, with female-female nut threaded connections, specific for pump connection, with additional connections for thermometers or other optional components.

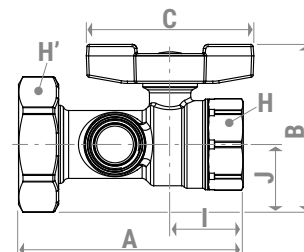
Standard port.

Temperature range: -20÷110 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)

| Product code | Connections           | Additional connections                            | Finishing | Handle type | Handle color | Notes                                                                                |
|--------------|-----------------------|---------------------------------------------------|-----------|-------------|--------------|--------------------------------------------------------------------------------------|
| R287Y005     | G 1"F x G 1-1/2"F Nut | Internal thread: G 1/2"F<br>External thread: B.18 | Brass     | T-handle    | Red          | For pump connection, with connections for thermometers and other optional components |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R287Y005     | 20 | 98     | 33     | 73     | 30     | 73     | wr.38  | wr.53   | 24,6 |



## &gt; R285

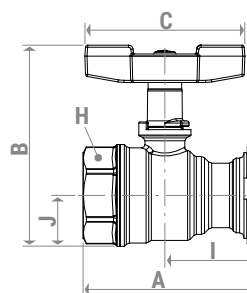


Ball valve, with connection for nut and female threaded connection, specific for pump connection.  
Standard port.  
Temperature range: -20÷110 °C (-20 °C with 50 % glycol solutions)  
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)

To be completed with P18LY007 (1 1/2") or P18LY009 (2") nut. [i](#) See paragraph "Spare parts and accessories"  
Possibility to install the R288 check valve inside the valve. [i](#) See paragraph "Spare parts and accessories"

| Product code | Connections                       | Finishing | Handle type | Handle color | Notes               |
|--------------|-----------------------------------|-----------|-------------|--------------|---------------------|
| R285Y001     | 1-1/2" Nut connection x G 1"F     | Brass     | T-handle    | Red          | For pump connection |
| R285Y002     | 1-1/2" Nut connection x G 1-1/4"F | Brass     | T-handle    | Red          | For pump connection |
| R285Y003     | 2" Nut connection x G 1-1/4"F     | Brass     | T-handle    | Red          | For pump connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R285Y001     | 22 | 79     | 42     | 92     | 23     | 73     | wr.40  | 36,3 |
| R285Y002     | 28 | 88     | 46     | 110    | 28     | 73     | wr.48  | 73,5 |
| R285Y003     | 28 | 88     | 46     | 110    | 28     | 73     | wr.48  | 73,5 |



## &gt; R285L

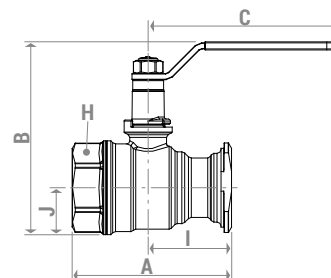


Ball valve, with connection for nut and female threaded connection, specific for pump connection.  
Standard port.  
Temperature range: -20÷110 °C (-20 °C with 50 % glycol solutions)  
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)

To be completed with P18LY007 (1 1/2") or P18LY009 (2") nut. [i](#) See paragraph "Spare parts and accessories"  
Possibility to install the R288 check valve inside the valve. [i](#) See paragraph "Spare parts and accessories"

| Product code | Connections                       | Finishing | Handle type | Handle color | Notes               |
|--------------|-----------------------------------|-----------|-------------|--------------|---------------------|
| R285LY001    | 1-1/2" Nut connection x G 1-1/4"F | Brass     | Lever       | Red          | For pump connection |
| R285LY003    | 2" Nut connection x G 1-1/4"F     | Brass     | Lever       | Red          | For pump connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R285LY001    | 22 | 79     | 42     | 95     | 23     | 94     | wr.40  | 36,3 |
| R285LY003    | 28 | 88     | 46     | 113    | 28     | 94     | wr.48  | 73,5 |



> **R285F**

Ball valve, with nut female connection and female threaded connection, with integrated check valve, specific for pump connection, for pipes with high insulation thickness.

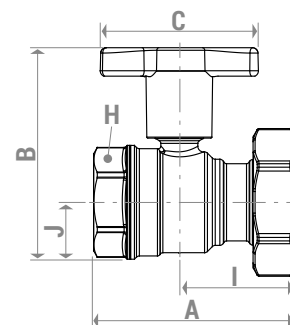
Standard port.

Temperature range (with integrated check valve): -20÷100 °C (-20 °C with 50 % glycol solutions)

Max. working pressure at 20 °C with water (with integrated check valve): 1,6 MPa (16 bar)

| Product code | Connections             | Finishing | Handle type       | Handle color     | Notes                                                                           |
|--------------|-------------------------|-----------|-------------------|------------------|---------------------------------------------------------------------------------|
| R285FY001    | G 1-1/2" F Nut x G 1" F | Brass     | Extended T-handle | Red, blue plates | For pump connection, for pipes with high insulation thickness, with check valve |
| R285FY003    | G 2" F Nut x G 1-1/4" F | Brass     | Extended T-handle | Red, blue plates | For pump connection, for pipes with high insulation thickness, with check valve |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv (with check valve) |
|--------------|----|--------|--------|--------|--------|--------|--------|-----------------------|
| R285FY001    | 22 | 79     | 41     | 102    | 30     | 78     | wr.40  | 3,5                   |
| R285FY003    | 28 | 99     | 56     | 113    | 36     | 78     | wr.48  | 7,1                   |

> **R258CC**

Ball valve, with compression connections for copper pipes.

Standard port.

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 Ø 15 - Ø 22  
3,5 MPa (35 bar) for Ø 28

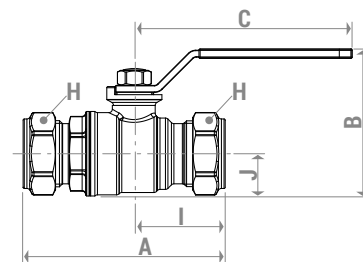
Temperature range with liquid hydrocarbons\*: -20÷60 °C

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.

| Product code | Connections | Finishing           | Handle type | Handle color |
|--------------|-------------|---------------------|-------------|--------------|
| R258CX002    | Ø 15 x Ø 15 | Chrome plated brass | Lever       | Red          |
| R258CX005    | Ø 22 x Ø 22 | Chrome plated brass | Lever       | Red          |
| R258CX006    | Ø 28 x Ø 28 | Chrome plated brass | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R258CX002    | 14 | 72     | 32     | 49     | 15     | 77     | wr.24  | 10,2 |
| R258CX005    | 18 | 88     | 40     | 64     | 18     | 94     | wr.32  | 18,5 |
| R258CX006    | 22 | 97     | 45     | 73     | 23     | 94     | wr.39  | 36,3 |



## &gt; R258D



Ball valve, with Sweat connections for copper pipes.

Standard port.

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 Ø 15, Ø 18, Ø 22  
3,5 MPa (35 bar) for Ø 28, Ø 35

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.

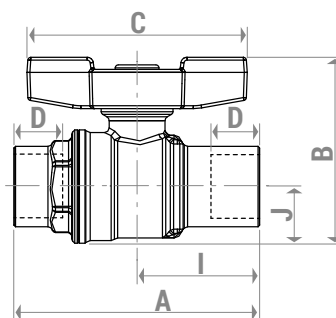
| Product code | Connections | Finishing | Handle type | Handle color |
|--------------|-------------|-----------|-------------|--------------|
| R258Y012     | Ø 15 x Ø 15 | Brass     | T-handle    | Red          |
| R258Y014     | Ø 18 x Ø 18 | Brass     | T-handle    | Red          |
| R258Y015     | Ø 22 x Ø 22 | Brass     | T-handle    | Red          |
| R258Y016     | Ø 28 x Ø 28 | Brass     | T-handle    | Red          |
| R258Y017     | Ø 35 x Ø 35 | Brass     | T-handle    | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | D [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R258Y012     | 14 | 56     | 28     | 51     | 15     | 63     | 13     | 10,2 |
| R258Y014     | 15 | 65     | 32     | 54     | 16     | 63     | 14     | 12,7 |
| R258Y015     | 18 | 79     | 40     | 60     | 18     | 73     | 19     | 18,5 |
| R258Y016     | 22 | 96     | 48     | 69     | 23     | 73     | 23     | 36,3 |
| R258Y017     | 28 | 107    | 53     | 78     | 28     | 73     | 24     | 73,5 |



**Warning.**

The valve is suitable for connecting with metal pipes according to the process of soldering.  
This procedure does not damage the internal seals.



## &gt; R258DL



Ball valve, with Sweat connections for copper pipes.

Standard port.

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 Ø 15, Ø 18, Ø 22  
3,5 MPa (35 bar) for Ø 28, Ø 35

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.

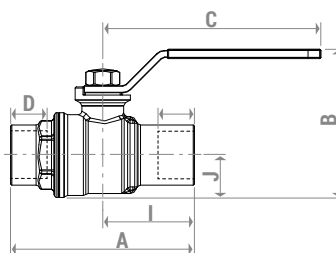
| Product code | Connections | Finishing | Handle type | Handle color |
|--------------|-------------|-----------|-------------|--------------|
| R258Y002     | Ø 15 x Ø 15 | Brass     | Lever       | Red          |
| R258Y004     | Ø 18 x Ø 18 | Brass     | Lever       | Red          |
| R258Y005     | Ø 22 x Ø 22 | Brass     | Lever       | Red          |
| R258Y006     | Ø 28 x Ø 28 | Brass     | Lever       | Red          |
| R258Y007     | Ø 35 x Ø 35 | Brass     | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B <sub>lev</sub> [mm] | J [mm] | C <sub>lev</sub> [mm] | D [mm] | Kv   |
|--------------|----|--------|--------|-----------------------|--------|-----------------------|--------|------|
| R258Y002     | 14 | 56     | 28     | 49                    | 15     | 77                    | 13     | 10,2 |
| R258Y004     | 15 | 65     | 32     | 51                    | 16     | 77                    | 14     | 12,7 |
| R258Y005     | 18 | 79     | 40     | 64                    | 18     | 94                    | 19     | 18,5 |
| R258Y006     | 22 | 96     | 48     | 73                    | 23     | 94                    | 23     | 36,3 |
| R258Y007     | 28 | 107    | 53     | 82                    | 28     | 94                    | 24     | 73,5 |



**Warning.**

The valve is suitable for connecting with metal pipes according to the process of soldering.  
This procedure does not damage the internal seals.

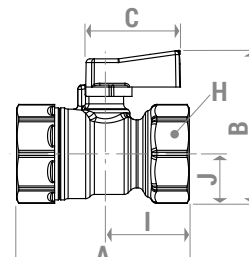


> **R690**

MINI series ball valve, with female-female threaded connections.  
Standard port.  
Min. working temperature: 0 °C with glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)

| Product code | Connections       | Finishing           | Handle type         | Handle color            | Notes       |
|--------------|-------------------|---------------------|---------------------|-------------------------|-------------|
| R690X002     | G 3/8"F x G 3/8"F | Chrome plated brass | Plastic short lever | Red, green, blue plates | MINI series |
| R690X003     | G 1/2"F x G 1/2"F | Chrome plated brass | Plastic short lever | Red, green, blue plates | MINI series |

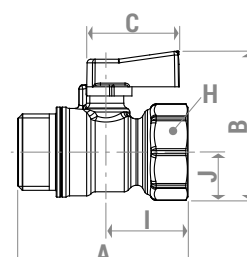
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|-----|
| R690X002     | 8  | 38     | 17     | 35     | 10,5   | 24     | wr.20  | 2,7 |
| R690X003     | 10 | 46     | 22     | 41     | 13     | 24     | wr.25  | 3,9 |

> **R694**

MINI series ball valve, with female-male threaded connections.  
Standard port.  
Min. working temperature: 0 °C with glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)

| Product code | Connections       | Finishing           | Handle type         | Handle color            | Notes       |
|--------------|-------------------|---------------------|---------------------|-------------------------|-------------|
| R694X002     | G 3/8"F x G 3/8"M | Chrome plated brass | Plastic short lever | Red, green, blue plates | MINI series |
| R694X003     | G 1/2"F x G 1/2"M | Chrome plated brass | Plastic short lever | Red, green, blue plates | MINI series |

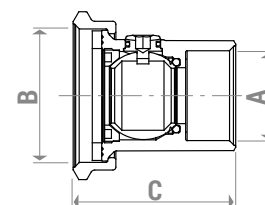
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|-----|
| R694X002     | 8  | 37     | 17     | 35     | 10,5   | 24     | wr.20  | 2,7 |
| R694X003     | 10 | 46     | 22     | 41     | 13     | 24     | wr.25  | 3,9 |

> **R252**

Ball valve, with female-female threaded connections with nut and gasket, for the connection of pump or mixing valve.  
For opening and closing operations use a screwdriver or a 5 mm Allen key.  
Standard port.  
Temperature range: 5÷110 °C  
Max. working pressure at 20 °C with water: 0,7 MPa (7 bar)  
Max. static pressure with the valve completely open or closed: 4,0 MPa (40 bar)

| Product code | Connections           | Finishing | Handle                                    | Notes               |
|--------------|-----------------------|-----------|-------------------------------------------|---------------------|
| R252Y001     | G 1"F x G 1-1/2"F Nut | Brass     | Handle with screwdriver or 5 mm Allen key | For pump connection |
| R252Y002     | G 1-1/4"F x G 2"F Nut | Brass     | Handle with screwdriver or 5 mm Allen key | For pump connection |

| Product code | DN | A [mm]  | B [mm]  | C [mm] | Kv   |
|--------------|----|---------|---------|--------|------|
| R252Y001     | 18 | 1"F     | 1 1/2"F | 53     | 24,6 |
| R252Y002     | 25 | 1 1/4"F | 2"F     | 66,5   | 36,3 |



## VALVES FOR DANGEROUS GAS

## &gt; R950G

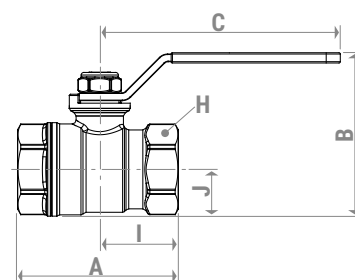


DADO ball valve, with female-female threaded connections, heavy series.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R950X001     | Rp 1/4" x Rp 1/4"     | Nickel plated brass | Lever       | Yellow       | DADO ball |
| R950X002     | Rp 3/8" x Rp 3/8"     | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R950X003     | Rp 1/2" x Rp 1/2"     | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R950X004     | Rp 3/4" x Rp 3/4"     | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R950X005     | Rp 1" x Rp 1"         | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R950X006     | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R950X007     | Rp 1-1/2" x Rp 1-1/2" | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R950X008     | Rp 2" x Rp 2"         | Nickel plated brass | Large lever | Yellow       | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R950X001     | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  |
| R950X002     | 10 | 49     | 25     | 47     | 13     | 77     | wr.21  |
| R950X003     | 15 | 60     | 30     | 53     | 16     | 77     | wr.26  |
| R950X004     | 20 | 68     | 34     | 69     | 21     | 95     | wr.32  |
| R950X005     | 25 | 81     | 41     | 77     | 25     | 95     | wr.41  |
| R950X006     | 32 | 95     | 48     | 87     | 30     | 106    | wr.50  |
| R950X007     | 40 | 104    | 52     | 107    | 36     | 137    | wr.55  |
| R950X008     | 50 | 126    | 63     | 122    | 44     | 170    | wr.70  |

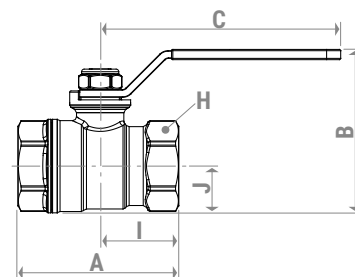


> **R730GA**

Ball valve, with female-female threaded connections.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
EN 331:2015 certified

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R730GAX001   | G 1/4"F x G 1/4"F     | Nickel plated brass | Lever       | Yellow       |
| R730GAX002   | G 3/8"F x G 3/8"F     | Nickel plated brass | Lever       | Yellow       |
| R730GAX003   | G 1/2"F x G 1/2"F     | Nickel plated brass | Lever       | Yellow       |
| R730GAX004   | G 3/4"F x G 3/4"F     | Nickel plated brass | Lever       | Yellow       |
| R730GAX005   | G 1"F x G 1"F         | Nickel plated brass | Lever       | Yellow       |
| R730GAX006   | G 1-1/4"F x G 1-1/4"F | Nickel plated brass | Lever       | Yellow       |
| R730GAX007   | G 1-1/2"F x G 1-1/2"F | Nickel plated brass | Lever       | Yellow       |
| R730GAX008   | G 2"F x G 2"F         | Nickel plated brass | Lever       | Yellow       |

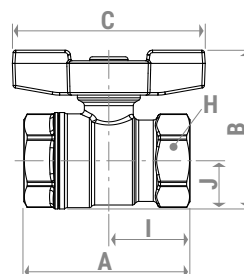
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R730GAX001   | 8  | 43     | 21     | 37     | 10     | 43     | wr.17  |
| R730GAX002   | 10 | 46     | 23     | 45     | 12     | 77     | wr.20  |
| R730GAX003   | 15 | 53     | 27     | 51     | 16     | 77     | wr.25  |
| R730GAX004   | 20 | 60     | 30     | 67     | 20     | 94     | wr.31  |
| R730GAX005   | 25 | 76     | 38     | 76     | 25     | 94     | wr.39  |
| R730GAX006   | 32 | 86     | 43     | 86     | 30     | 94     | wr.47  |
| R730GAX007   | 40 | 97     | 48     | 106    | 37     | 136    | wr.54  |
| R730GAX008   | 50 | 111    | 55     | 123    | 46     | 136    | wr.67  |

> **R731GA**

Ball valve, with female-female threaded connections.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
EN 331:2015 certified

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R731GAX002   | G 3/8"F x G 3/8"F     | Nickel plated brass | T-handle    | Yellow       |
| R731GAX003   | G 1/2"F x G 1/2"F     | Nickel plated brass | T-handle    | Yellow       |
| R731GAX004   | G 3/4"F x G 3/4"F     | Nickel plated brass | T-handle    | Yellow       |
| R731GAX005   | G 1"F x G 1"F         | Nickel plated brass | T-handle    | Yellow       |
| R731GAX006   | G 1-1/4"F x G 1-1/4"F | Nickel plated brass | T-handle    | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R731GAX002   | 10 | 46     | 23     | 47     | 12     | 63     | wr.20  |
| R731GAX003   | 15 | 53     | 27     | 54     | 16     | 63     | wr.25  |
| R731GAX004   | 20 | 60     | 30     | 67     | 20     | 73     | wr.31  |
| R731GAX005   | 25 | 76     | 38     | 72     | 25     | 73     | wr.39  |
| R731GAX006   | 32 | 86     | 43     | 82     | 30     | 73     | wr.47  |

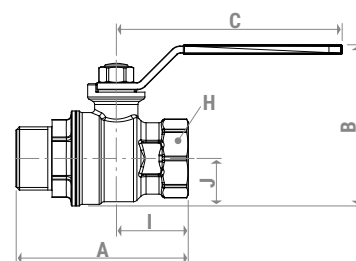


> **R734LGA**

Ball valve, with female-male threaded connections.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
EN 331:2015 certified

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R734LGAX001  | G 1/4"F x G 1/4"M     | Nickel plated brass | Lever       | Yellow       |
| R734LGAX002  | G 3/8"F x G 3/8"M     | Nickel plated brass | Lever       | Yellow       |
| R734LGAX003  | G 1/2"F x G 1/2"M     | Nickel plated brass | Lever       | Yellow       |
| R734LGAX004  | G 3/4"F x G 3/4"M     | Nickel plated brass | Lever       | Yellow       |
| R734LGAX005  | G 1"F x G 1"M         | Nickel plated brass | Lever       | Yellow       |
| R734LGAX006  | G 1-1/4"F x G 1-1/4"M | Nickel plated brass | Lever       | Yellow       |
| R734LGAX007  | G 1-1/2"F x G 1-1/2"M | Nickel plated brass | Lever       | Yellow       |
| R734LGAX008  | G 2"F x G 2"M         | Nickel plated brass | Lever       | Yellow       |

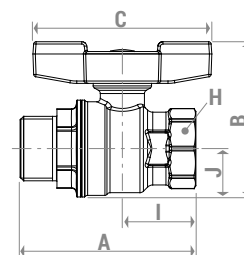
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R734LGAX001  | 8  | 49     | 21     | 37     | 10     | 43     | wr.17  |
| R734LGAX002  | 10 | 57     | 23     | 45     | 12     | 77     | wr.20  |
| R734LGAX003  | 15 | 63     | 27     | 51     | 16     | 77     | wr.25  |
| R734LGAX004  | 20 | 72     | 30     | 67     | 20     | 94     | wr.31  |
| R734LGAX005  | 25 | 84     | 38     | 76     | 25     | 94     | wr.39  |
| R734LGAX006  | 32 | 98     | 43     | 86     | 30     | 94     | wr.47  |
| R734LGAX007  | 40 | 105    | 48     | 106    | 37     | 136    | wr.54  |
| R734LGAX008  | 50 | 124    | 55     | 123    | 46     | 136    | wr.67  |

> **R734GA**

Ball valve, with female-male threaded connections.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
EN 331:2015 certified

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R734GAX002   | G 3/8"F x G 3/8"M     | Nickel plated brass | T-handle    | Yellow       |
| R734GAX003   | G 1/2"F x G 1/2"M     | Nickel plated brass | T-handle    | Yellow       |
| R734GAX004   | G 3/4"F x G 3/4"M     | Nickel plated brass | T-handle    | Yellow       |
| R734GAX005   | G 1"F x G 1"M         | Nickel plated brass | T-handle    | Yellow       |
| R734GAX006   | G 1-1/4"F x G 1-1/4"M | Nickel plated brass | T-handle    | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R734GAX002   | 10 | 57     | 23     | 47     | 12     | 63     | wr.20  |
| R734GAX003   | 15 | 63     | 27     | 54     | 16     | 63     | wr.25  |
| R734GAX004   | 20 | 72     | 30     | 67     | 20     | 73     | wr.31  |
| R734GAX005   | 25 | 84     | 38     | 72     | 25     | 73     | wr.39  |
| R734GAX006   | 32 | 98     | 43     | 82     | 30     | 73     | wr.47  |



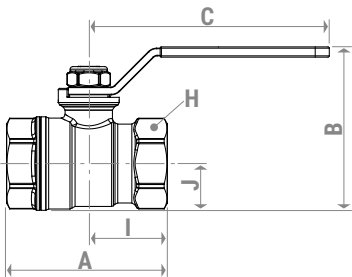
> R730GB



Ball valve, with female-female threaded connections, heavy series.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
**Resistance to high temperatures:** EN 331:2015 certified; class B 0,1; 650 °C for 30'

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R730GBX003   | Rp 1/2" x Rp 1/2"     | Nickel plated brass | Large lever | Yellow       |
| R730GBX004   | Rp 3/4" x Rp 3/4"     | Nickel plated brass | Large lever | Yellow       |
| R730GBX005   | Rp 1" x Rp 1"         | Nickel plated brass | Large lever | Yellow       |
| R730GBX006   | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | Large lever | Yellow       |
| R730GBX007   | Rp 1-1/2" x Rp 1-1/2" | Nickel plated brass | Large lever | Yellow       |
| R730GBX008   | Rp 2" x Rp 2"         | Nickel plated brass | Large lever | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R730GBX003   | 15 | 60     | 30     | 53     | 16     | 77     | wr.26  |
| R730GBX004   | 20 | 68     | 34     | 69     | 21     | 95     | wr.32  |
| R730GBX005   | 25 | 81     | 41     | 77     | 25     | 95     | wr.41  |
| R730GBX006   | 32 | 95     | 48     | 87     | 30     | 95     | wr.50  |
| R730GBX007   | 40 | 104    | 52     | 107    | 36     | 137    | wr.55  |
| R730GBX008   | 50 | 126    | 63     | 122    | 44     | 137    | wr.70  |



## &gt; R780GB



Angle ball valve, with male-female threaded connections.

Full port.

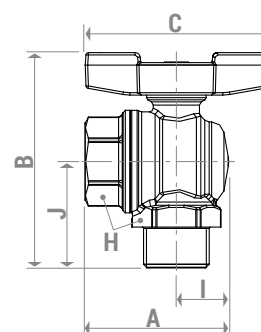
Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

**Resistance to high temperatures:** EN 331:2015 certified; class B 0,1; 650 °C for 30'

| Product code | Connections       | Finishing           | Handle type | Handle color |
|--------------|-------------------|---------------------|-------------|--------------|
| R780GBX003   | G 1/2"M x Rp 1/2" | Nickel plated brass | T-handle    | Yellow       |
| R780GBX004   | G 3/4"M x Rp 3/4" | Nickel plated brass | T-handle    | Yellow       |
| R780GBX005   | G 1"M x Rp 1"     | Nickel plated brass | T-handle    | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R780GBX003   | 15 | 50     | 18     | 79     | 41     | 63     | wr.26  |
| R780GBX004   | 20 | 58     | 21     | 87     | 44     | 73     | wr.32  |
| R780GBX005   | 25 | 69     | 25     | 98     | 51     | 73     | wr.41  |



## &gt; R781GB



Angle ball valve, with female-male threaded connections.

Full port.

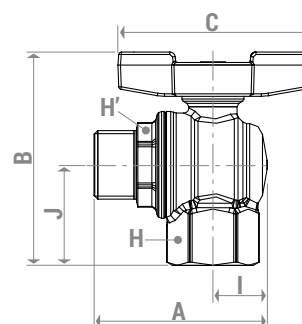
Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

**Resistance to high temperatures:** EN 331:2015 certified; class B 0,1; 650 °C for 30'

| Product code | Connections       | Finishing           | Handle type | Handle color |
|--------------|-------------------|---------------------|-------------|--------------|
| R781GBX003   | Rp 1/2" x G 1/2"M | Nickel plated brass | T-handle    | Yellow       |
| R781GBX004   | Rp 3/4" x G 3/4"M | Nickel plated brass | T-handle    | Yellow       |
| R781GBX005   | Rp 1" x G 1"M     | Nickel plated brass | T-handle    | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|
| R781GBX003   | 15 | 59     | 18     | 71     | 33     | 63     | wr.26  | wr.22   |
| R781GBX004   | 20 | 68     | 21     | 82     | 39     | 73     | wr.32  | wr.29   |
| R781GBX005   | 25 | 80     | 25     | 94     | 46     | 73     | wr.41  | wr.36   |

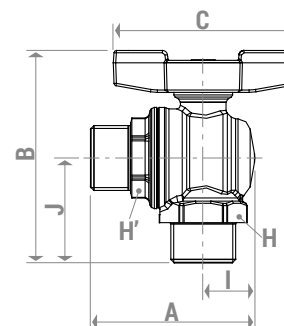


> **R782GB**

Angle ball valve, with male-male threaded connections.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
**Resistance to high temperatures:** EN 331:2015 certified; class B 0,1; 650 °C for 30'

| Product code | Connections       |  |  |  | Finishing           | Handle type | Handle color |
|--------------|-------------------|--|--|--|---------------------|-------------|--------------|
| R782GBX003   | G 1/2"M x G 1/2"M |  |  |  | Nickel plated brass | T-handle    | Yellow       |

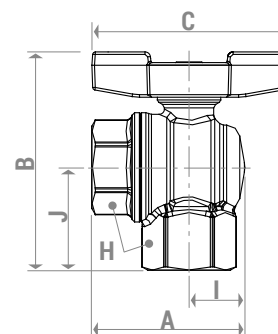
| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|
| R782GBX003   | 15 | 59     | 18     | 79     | 41     | 63     | wr.26  | wr.22   |

> **R783GB**

Angle ball valve, with female-female threaded connections.  
Full port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)  
**Resistance to high temperatures:** EN 331:2015 certified; class B 0,1; 650 °C for 30'

| Product code | Connections       |  |  |  | Finishing           | Handle type | Handle color |
|--------------|-------------------|--|--|--|---------------------|-------------|--------------|
| R783GBX003   | Rp 1/2" x Rp 1/2" |  |  |  | Nickel plated brass | T-handle    | Yellow       |
| R783GBX004   | Rp 3/4" x Rp 3/4" |  |  |  | Nickel plated brass | T-handle    | Yellow       |
| R783GBX005   | Rp 1" x Rp 1"     |  |  |  | Nickel plated brass | T-handle    | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R783GBX003   | 15 | 50     | 18     | 71     | 33     | 63     | wr.26  |
| R783GBX004   | 20 | 58     | 21     | 82     | 39     | 73     | wr.32  |
| R783GBX005   | 25 | 69     | 25     | 94     | 46     | 73     | wr.41  |

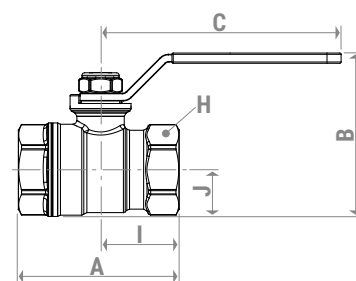


> **R250DG**

Ball valve, with female-female threaded connections.  
Standard port.  
Temperature range: -20÷60 °C  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R250ZX061    | Rc 1/4" x Rc 1/4"     | Chrome plated brass | Lever       | Yellow       |
| R250ZX062    | Rc 3/8" x Rc 3/8"     | Chrome plated brass | Lever       | Yellow       |
| R250ZX063    | Rc 1/2" x Rc 1/2"     | Chrome plated brass | Lever       | Yellow       |
| R250ZX064    | Rc 3/4" x Rc 3/4"     | Chrome plated brass | Lever       | Yellow       |
| R250ZX065    | Rc 1" x Rc 1"         | Chrome plated brass | Lever       | Yellow       |
| R250ZX066    | Rc 1-1/4" x Rc 1-1/4" | Chrome plated brass | Lever       | Yellow       |
| R250ZX067    | Rc 1-1/2" x Rc 1-1/2" | Chrome plated brass | Lever       | Yellow       |
| R250ZX068    | Rc 2" x Rc 2"         | Chrome plated brass | Lever       | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|
| R250ZX061    | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  |
| R250ZX062    | 10 | 46     | 23     | 45     | 13     | 77     | wr.20  |
| R250ZX063    | 14 | 54     | 27     | 49     | 15     | 77     | wr.25  |
| R250ZX064    | 18 | 63     | 31     | 64     | 18     | 94     | wr.32  |
| R250ZX065    | 22 | 75     | 38     | 73     | 23     | 94     | wr.39  |
| R250ZX066    | 28 | 84     | 42     | 82     | 28     | 94     | wr.48  |
| R250ZX067    | 35 | 93     | 46     | 100    | 33     | 136    | wr.55  |
| R250ZX068    | 45 | 107    | 54     | 115    | 41     | 136    | wr.67  |



## > G213SP, G213SP-1



G213SP014 (G213SP)

G213SP024 (G213SP-1)

Ball valve, with flat seat male connections, for use with underfloor domestic gas systems. Complete with plastic box, adjustable plastic brackets, gaskets and plastic worksite protection. Standard port.

Temperature range: -20÷60 °C

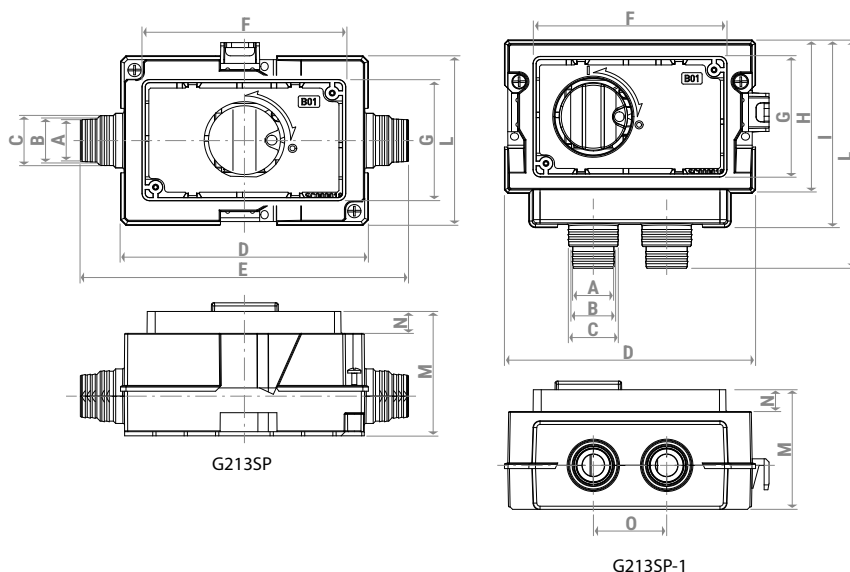
Max. operating pressure (MOP) with gas: 0.5 MPa (5 bar)

Resistance to high temperatures: EN 331:2015 certified; class B 0,1; 650 °C for 30'

To be completed with the codes of the "Completion codes" table

| Product code | Connections                           | Finishing | Handle type  | Handle color | Notes                                                                           |
|--------------|---------------------------------------|-----------|--------------|--------------|---------------------------------------------------------------------------------|
| G213SP014    | G 3/4"M flat seat x G 3/4"M flat seat | Brass     | Plastic knob | Yellow       | Underfloor gas system, domestic use<br>Horizontal or vertical installation      |
| G213SP024    | G 3/4"M flat seat x G 3/4"M flat seat | Brass     | Plastic knob | Yellow       | Underfloor gas system, domestic use<br>Installation with connections from below |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | I [mm] | L [mm] | M [mm] | N [mm] |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G213SP014    | 15 | 199    | 150    | 102    | 74     | 119    | Ø24    | Ø28    | Ø30    | 76     | 14     | -      | -      |
| G213SP024    | 15 | 154    | 140    | 115    | 94     | 74     | 119    | Ø24    | Ø28    | Ø30    | 60     | 14     | 45     |



### COMPLETION CODES

| Valve | Optional |
|-------|----------|
|-------|----------|



R180FY120 Straight fitting for copper pipe G 3/4"F x B.16

R180FY121 Straight fitting for copper pipe G 3/4"F x B.18

RM179Y263 Straight multitong press fitting for Multigas pipes  
G 3/4"F x (16x2)

G213SP014  
G213SP024



RM179Y266 Straight multitong press fitting for Multigas pipes  
G 3/4"F x (20x2)

RM179Y269 Straight multitong press fitting for Multigas pipes  
G 3/4"F x (26x3)



G489PL011 White plate (135 x 90 mm)



G489PL012 Chrome plate (135 x 90 mm)

## VALVES SPECIFIC FOR DOMESTIC WATER USE

## &gt; R950W



DADO ball valve, with female-female connections, heavy series, specific for domestic water.

Full port.

Temperature range: 5÷120 °C

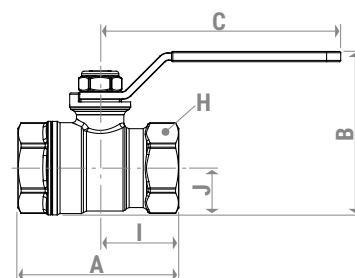
Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"



DADO

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R950WX002    | Rp 3/8" x Rp 3/8"     | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX003    | Rp 1/2" x Rp 1/2"     | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX004    | Rp 3/4" x Rp 3/4"     | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX005    | Rp 1" x Rp 1"         | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX006    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX007    | Rp 1-1/2" x Rp 1-1/2" | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX008    | Rp 2" x Rp 2"         | Nickel plated brass | Large lever | Green        | DADO ball |
| R950WX045    | Rp 1" x Rp 1"         | Nickel plated brass | Large lever | Blue         | DADO ball |
| R950WX046    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | Large lever | Blue         | DADO ball |
| R950WX047    | Rp 1-1/2" x Rp 1-1/2" | Nickel plated brass | Large lever | Blue         | DADO ball |
| R950WX048    | Rp 2" x Rp 2"         | Nickel plated brass | Large lever | Blue         | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R950WX002    | 10 | 49     | 25     | 47     | 13     | 77     | wr.21  | 7,0  |
| R950WX003    | 15 | 60     | 30     | 53     | 16     | 77     | wr.26  | 13,3 |
| R950WX004    | 20 | 68     | 34     | 69     | 21     | 95     | wr.32  | 25,8 |
| R950WX005    | 25 | 81     | 41     | 77     | 25     | 95     | wr.41  | 50,9 |
| R950WX006    | 32 | 95     | 48     | 87     | 30     | 95     | wr.50  | 103  |
| R950WX007    | 40 | 104    | 52     | 107    | 36     | 137    | wr.55  | 147  |
| R950WX008    | 50 | 126    | 63     | 122    | 44     | 137    | wr.70  | 222  |
| R950WX045    | 25 | 81     | 41     | 77     | 25     | 95     | wr.41  | 50,9 |
| R950WX046    | 32 | 95     | 48     | 87     | 30     | 95     | wr.50  | 103  |
| R950WX047    | 40 | 104    | 52     | 107    | 36     | 137    | wr.55  | 147  |
| R950WX048    | 50 | 126    | 63     | 122    | 44     | 137    | wr.70  | 222  |



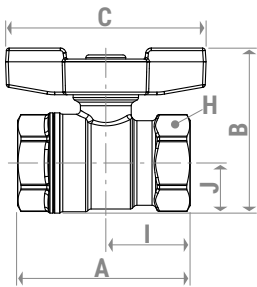
> R951W



DADO ball valve, with female-female connections, heavy series, specific for domestic water.  
Full port.  
Temperature range: 5÷120 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes     |
|--------------|-----------------------|---------------------|-------------|--------------|-----------|
| R951WX003    | Rp 1/2" x Rp 1/2"     | Nickel plated brass | T-handle    | Green        | DADO ball |
| R951WX004    | Rp 3/4" x Rp 3/4"     | Nickel plated brass | T-handle    | Green        | DADO ball |
| R951WX005    | Rp 1" x Rp 1"         | Nickel plated brass | T-handle    | Green        | DADO ball |
| R951WX006    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | T-handle    | Green        | DADO ball |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R951WX003    | 15 | 60     | 30     | 53     | 16     | 63     | wr.26  | 13,3 |
| R951WX004    | 20 | 68     | 34     | 69     | 21     | 77     | wr.32  | 25,8 |
| R951WX005    | 25 | 81     | 41     | 77     | 25     | 77     | wr.41  | 50,9 |
| R951WX006    | 32 | 95     | 48     | 87     | 30     | 77     | wr.50  | 103  |



## > R250W



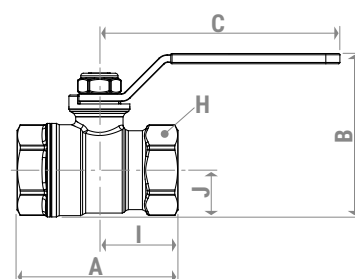
Ball valve, with female-female connections, specific for domestic water.  
Standard port.

Temperature range: 5 ÷ 120 °C

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R250WX022    | Rp 3/8" x Rp 3/8"     | Nickel plated brass | Lever       | Green        |
| R250WX023    | Rp 1/2" x Rp 1/2"     | Nickel plated brass | Lever       | Green        |
| R250WX024    | Rp 3/4" x Rp 3/4"     | Nickel plated brass | Lever       | Green        |
| R250WX025    | Rp 1" x Rp 1"         | Nickel plated brass | Lever       | Green        |
| R250WX026    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | Lever       | Green        |
| R250WX027    | Rp 1-1/2" x Rp 1-1/2" | Nickel plated brass | Lever       | Green        |
| R250WX028    | Rp 2" x Rp 2"         | Nickel plated brass | Lever       | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R250WX022    | 10 | 48     | 24     | 46     | 14     | 77     | wr.21  | 6,7  |
| R250WX023    | 14 | 56     | 28     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250WX024    | 18 | 68     | 34     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250WX025    | 22 | 79     | 40     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250WX026    | 28 | 92     | 46     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250WX027    | 35 | 100    | 50     | 100    | 33     | 136    | wr.55  | 105  |
| R250WX028    | 45 | 121    | 61     | 115    | 41     | 136    | wr.67  | 158  |



## > R250WS



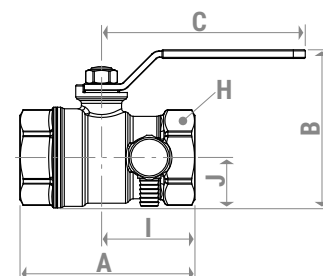
Ball valve, with female-female connections, with drain cock with hose connection Ø 9 mm, specific for domestic water.  
Standard port.

Temperature range: 5 ÷ 120 °C

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

| Product code | Connections           | Drain cock size | Finishing           | Handle type | Handle color | Notes           |
|--------------|-----------------------|-----------------|---------------------|-------------|--------------|-----------------|
| R250SX143    | Rp 1/2" x Rp 1/2"     | 1/4"            | Nickel plated brass | Lever       | Green        | With drain cock |
| R250SX144    | Rp 3/4" x Rp 3/4"     | 1/4"            | Nickel plated brass | Lever       | Green        | With drain cock |
| R250SX145    | Rp 1" x Rp 1"         | 1/4"            | Nickel plated brass | Lever       | Green        | With drain cock |
| R250SX146    | Rp 1-1/4" x Rp 1-1/4" | 3/8"            | Nickel plated brass | Lever       | Green        | With drain cock |
| R250SX147    | Rp 1-1/2" x Rp 1-1/2" | 3/8"            | Nickel plated brass | Lever       | Green        | With drain cock |
| R250SX148    | Rp 2" x Rp 2"         | 3/8"            | Nickel plated brass | Lever       | Green        | With drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R250SX143    | 14 | 60     | 32     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250SX144    | 18 | 71     | 36     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250SX145    | 22 | 83     | 43     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250SX146    | 28 | 102    | 56     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250SX147    | 35 | 110    | 60     | 100    | 33     | 136    | wr.55  | 105  |
| R250SX148    | 45 | 128    | 67     | 115    | 41     | 136    | wr.67  | 158  |



> **R251W**

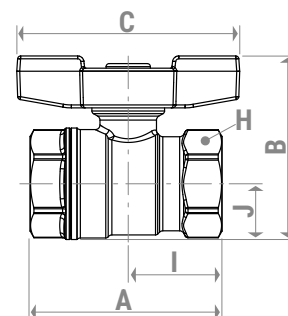
Ball valve, with female-female connections, specific for domestic water.  
Standard port.

Temperature range: 5÷120 °C

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R251WX022    | Rp 3/8" x Rp 3/8"     | Nickel plated brass | T-handle    | Green        |
| R251WX023    | Rp 1/2" x Rp 1/2"     | Nickel plated brass | T-handle    | Green        |
| R251WX024    | Rp 3/4" x Rp 3/4"     | Nickel plated brass | T-handle    | Green        |
| R251WX025    | Rp 1" x Rp 1"         | Nickel plated brass | T-handle    | Green        |
| R251WX026    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | T-handle    | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251WX022    | 10 | 48     | 24     | 49     | 14     | 63     | wr.21  | 6,7  |
| R251WX023    | 14 | 56     | 28     | 51     | 15     | 63     | wr.25  | 10,2 |
| R251WX024    | 18 | 68     | 34     | 60     | 18     | 73     | wr.32  | 18,5 |
| R251WX025    | 22 | 79     | 40     | 69     | 23     | 73     | wr.40  | 36,3 |
| R251WX026    | 28 | 92     | 46     | 77     | 27     | 73     | wr.48  | 73,5 |

> **R251WP**

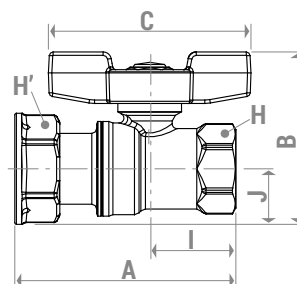
Ball valve, with female-female threaded connections with nut and gasket, for meters connection, specific for domestic water.  
Standard port.

Temperature range: 5÷120 °C

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"  
3,5 MPa (35 bar) for 1"

| Product code | Connections           | Finishing           | Handle type | Handle color | Notes                |
|--------------|-----------------------|---------------------|-------------|--------------|----------------------|
| R251WX073    | Rp 1/2" x G 3/4"F Nut | Nickel plated brass | T-handle    | Green        | For meter connection |
| R251WX074    | Rp 3/4" x G 3/4"F Nut | Nickel plated brass | T-handle    | Green        | For meter connection |
| R251WX075    | Rp 3/4" x G 1"F Nut   | Nickel plated brass | T-handle    | Green        | For meter connection |
| R251WX076    | Rp 1" x G 1"F Nut     | Nickel plated brass | T-handle    | Green        | For meter connection |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R251WX073    | 14 | 64     | 28     | 54     | 18     | 63     | wr.25  | wr.30   | 10,2 |
| R251WX074    | 14 | 66     | 31     | 54     | 18     | 63     | wr.32  | wr.30   | 10,2 |
| R251WX075    | 18 | 77     | 33     | 63     | 21     | 73     | wr.32  | wr.37   | 18,5 |
| R251WX076    | 22 | 87     | 40     | 69     | 23     | 73     | wr.40  | wr.37   | 36,3 |



## &gt; R251WT



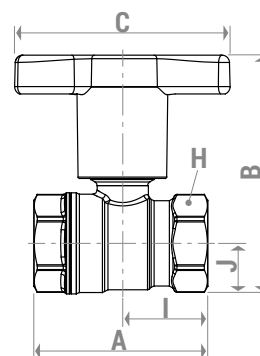
Ball valve, with female-female connections, for pipes with high insulation thickness, specific for domestic water.  
Standard port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections           | Finishing           | Handle type       | Handle color            | Notes                                    |
|--------------|-----------------------|---------------------|-------------------|-------------------------|------------------------------------------|
| R251WX102    | Rp 3/8" x Rp 3/8"     | Nickel plated brass | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R251WX103    | Rp 1/2" x Rp 1/2"     | Nickel plated brass | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R251WX104    | Rp 3/4" x Rp 3/4"     | Nickel plated brass | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R251WX105    | Rp 1" x Rp 1"         | Nickel plated brass | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R251WX106    | Rp 1-1/4" x Rp 1-1/4" | Nickel plated brass | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251WX102    | 10 | 48     | 24     | 75     | 14     | 78     | wr.21  | 6,7  |
| R251WX103    | 14 | 57     | 28     | 77     | 15     | 78     | wr.25  | 10,2 |
| R251WX104    | 18 | 68     | 34     | 86     | 18     | 78     | wr.32  | 18,5 |
| R251WX105    | 22 | 79     | 39,5   | 95     | 23     | 78     | wr.40  | 36,3 |
| R251WX106    | 28 | 92     | 46     | 104    | 28     | 78     | wr.49  | 73,5 |



## &gt; R251WST



Ball valve, with female-female connections, with drain cock with hose connection Ø 9 mm, for pipes with high insulation thickness, specific for domestic water.

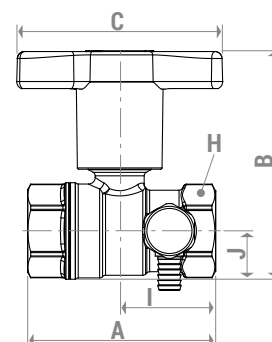
Standard port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water: 4,2 MPa (42 bar) for 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections           | Drain cock size | Finishing           | Handle type       | Handle color            | Notes                                                     |
|--------------|-----------------------|-----------------|---------------------|-------------------|-------------------------|-----------------------------------------------------------|
| R251SX103    | Rp 1/2" x Rp 1/2"     | 1/4"            | Nickel plated brass | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |
| R251SX104    | Rp 3/4" x Rp 3/4"     | 1/4"            | Nickel plated brass | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |
| R251SX105    | Rp 1" x Rp 1"         | 1/4"            | Nickel plated brass | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |
| R251SX106    | Rp 1-1/4" x Rp 1-1/4" | 3/8"            | Nickel plated brass | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R251SX103    | 14 | 60     | 32     | 77     | 15     | 78     | wr.25  | 10,2 |
| R251SX104    | 18 | 71     | 36     | 86     | 18     | 78     | wr.32  | 18,5 |
| R251SX105    | 22 | 83     | 43     | 95     | 23     | 78     | wr.40  | 36,3 |
| R251SX106    | 28 | 102    | 56     | 104    | 28     | 78     | wr.49  | 73,5 |



> **R253W**

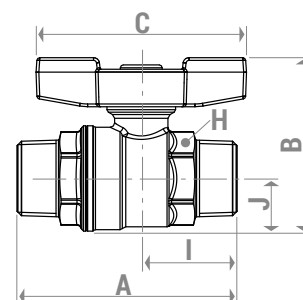
Ball valve, with male-male connections, specific for domestic water.  
Standard port.

Temperature range: 5÷120 °C

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R253WX002    | G 3/8"M x G 3/8"M     | Nickel plated brass | T-handle    | Green        |
| R253WX003    | G 1/2"M x G 1/2"M     | Nickel plated brass | T-handle    | Green        |
| R253WX004    | G 3/4"M x G 3/4"M     | Nickel plated brass | T-handle    | Green        |
| R253WX005    | G 1"M x G 1"M         | Nickel plated brass | T-handle    | Green        |
| R253WX006    | G 1-1/4"M x G 1-1/4"M | Nickel plated brass | T-handle    | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R253WX002    | 10 | 58     | 26     | 49     | 14     | 63     | wr.19  | 6,7  |
| R253WX003    | 14 | 66     | 29     | 51     | 15     | 63     | wr.22  | 10,2 |
| R253WX004    | 18 | 79     | 33     | 60     | 19     | 73     | wr.29  | 18,5 |
| R253WX005    | 22 | 91     | 40     | 69     | 23     | 73     | wr.36  | 36,3 |
| R253WX006    | 28 | 108    | 47     | 78     | 28     | 73     | wr.44  | 73,5 |

> **R253WL**

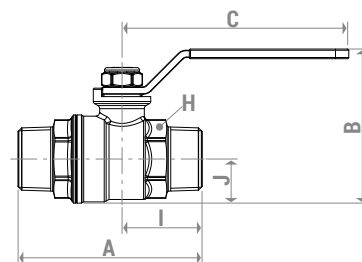
Ball valve, with male-male connections, specific for domestic water.  
Standard port.

Temperature range: 5÷120 °C

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections           | Finishing           | Handle type | Handle color |
|--------------|-----------------------|---------------------|-------------|--------------|
| R253WX032    | G 3/8"M x G 3/8"M     | Nickel plated brass | Lever       | Green        |
| R253WX033    | G 1/2"M x G 1/2"M     | Nickel plated brass | Lever       | Green        |
| R253WX034    | G 3/4"M x G 3/4"M     | Nickel plated brass | Lever       | Green        |
| R253WX035    | G 1"M x G 1"M         | Nickel plated brass | Lever       | Green        |
| R253WX036    | G 1-1/4"M x G 1-1/4"M | Nickel plated brass | Lever       | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R253WX032    | 10 | 58     | 26     | 49     | 14     | 77     | wr.19  | 6,7  |
| R253WX033    | 14 | 66     | 29     | 51     | 15     | 77     | wr.22  | 10,2 |
| R253WX034    | 18 | 79     | 33     | 60     | 19     | 94     | wr.29  | 18,5 |
| R253WX035    | 22 | 91     | 40     | 69     | 23     | 94     | wr.36  | 36,3 |
| R253WX036    | 28 | 108    | 47     | 78     | 28     | 94     | wr.44  | 73,5 |



> **R254W**

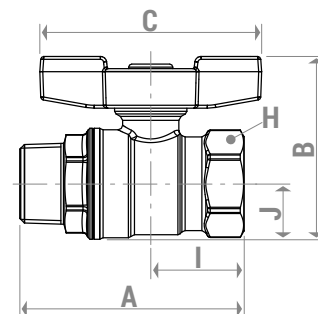
Ball valve, with female-male connections, specific for domestic water.  
Standard port.

Temperature range: 5÷120 °C

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4"

| Product code | Connections          | Finishing           | Handle type | Handle color |
|--------------|----------------------|---------------------|-------------|--------------|
| R254WX022    | Rp 3/8" x R 3/8"     | Nickel plated brass | T-handle    | Green        |
| R254WX023    | Rp 1/2" x R 1/2"     | Nickel plated brass | T-handle    | Green        |
| R254WX024    | Rp 3/4" x R 3/4"     | Nickel plated brass | T-handle    | Green        |
| R254WX025    | Rp 1" x R 1"         | Nickel plated brass | T-handle    | Green        |
| R254WX026    | Rp 1-1/4" x R 1-1/4" | Nickel plated brass | T-handle    | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R254WX022    | 10 | 55     | 22     | 46     | 14     | 63     | wr.21  | 6,7  |
| R254WX023    | 14 | 64     | 27     | 51     | 15     | 63     | wr.25  | 10,2 |
| R254WX024    | 18 | 76     | 31     | 60     | 18     | 73     | wr.32  | 18,5 |
| R254WX025    | 22 | 89     | 38     | 69     | 23     | 73     | wr.39  | 36,3 |
| R254WX026    | 28 | 100    | 42     | 78     | 28     | 73     | wr.48  | 73,5 |

> **R254WL**

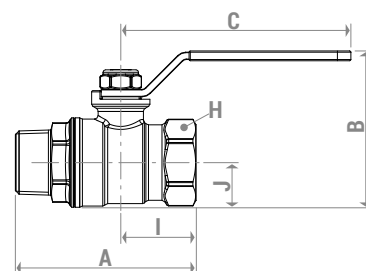
Ball valve, with female-male connections, specific for domestic water.  
Standard port.

Temperature range: 5÷120 °C

Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

| Product code | Connections          | Finishing           | Handle type | Handle color |
|--------------|----------------------|---------------------|-------------|--------------|
| R254WX052    | Rp 3/8" x R 3/8"     | Nickel plated brass | Lever       | Green        |
| R254WX053    | Rp 1/2" x R 1/2"     | Nickel plated brass | Lever       | Green        |
| R254WX054    | Rp 3/4" x R 3/4"     | Nickel plated brass | Lever       | Green        |
| R254WX055    | Rp 1" x R 1"         | Nickel plated brass | Lever       | Green        |
| R254WX056    | Rp 1-1/4" x R 1-1/4" | Nickel plated brass | Lever       | Green        |
| R254WX057    | Rp 1-1/2" x R 1-1/2" | Nickel plated brass | Lever       | Green        |
| R254WX058    | Rp 2" x R 2"         | Nickel plated brass | Lever       | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R254WX052    | 10 | 55     | 22     | 46     | 14     | 77     | wr.21  | 6,7  |
| R254WX053    | 14 | 64     | 27     | 49     | 15     | 77     | wr.25  | 10,2 |
| R254WX054    | 18 | 76     | 31     | 64     | 18     | 94     | wr.32  | 18,5 |
| R254WX055    | 22 | 89     | 38     | 73     | 23     | 94     | wr.39  | 36,3 |
| R254WX056    | 28 | 100    | 42     | 82     | 28     | 94     | wr.48  | 73,5 |
| R254WX057    | 35 | 105    | 46     | 100    | 33     | 136    | wr.55  | 105  |
| R254WX058    | 45 | 124    | 54     | 115    | 41     | 136    | wr.67  | 158  |



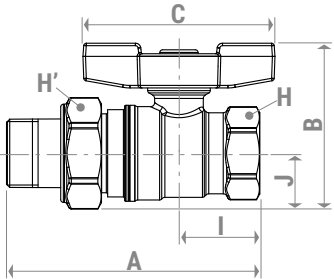
> R259W



Ball valve, with female-tail piece male connections, specific for domestic water.  
Standard port.  
Temperature range: 5÷120 °C  
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

| Product code | Connections          | Finishing           | Handle type | Handle color |
|--------------|----------------------|---------------------|-------------|--------------|
| R259WX023    | Rp 1/2" x R 1/2"     | Nickel plated brass | T-handle    | Green        |
| R259WX024    | Rp 1/2" x R 3/4"     | Nickel plated brass | T-handle    | Green        |
| R259WX025    | Rp 3/4" x R 3/4"     | Nickel plated brass | T-handle    | Green        |
| R259WX026    | Rp 3/4" x R 1"       | Nickel plated brass | T-handle    | Green        |
| R259WX027    | Rp 1" x R 1"         | Nickel plated brass | T-handle    | Green        |
| R259WX028    | Rp 1" x R 1-1/4"     | Nickel plated brass | T-handle    | Green        |
| R259WX029    | Rp 1-1/4" x R 1-1/4" | Nickel plated brass | T-handle    | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|---------|------|
| R259WX023    | 14 | 86     | 27     | 53     | 17     | 63     | wr.25  | wr.30   | 10,2 |
| R259WX024    | 14 | 87     | 27     | 57     | 21     | 63     | wr.25  | wr.38   | 10,2 |
| R259WX025    | 18 | 96     | 31     | 63     | 21     | 73     | wr.32  | wr.38   | 18,5 |
| R259WX026    | 18 | 101    | 31     | 67     | 26     | 73     | wr.32  | wr.46   | 18,5 |
| R259WX027    | 22 | 110    | 38     | 72     | 26     | 73     | wr.39  | wr.46   | 36,3 |
| R259WX028    | 22 | 114    | 38     | 76     | 30     | 73     | wr.39  | wr.53   | 36,3 |
| R259WX029    | 28 | 125    | 42     | 80     | 30     | 73     | wr.48  | wr.53   | 73,5 |



> **R850VW**

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water.

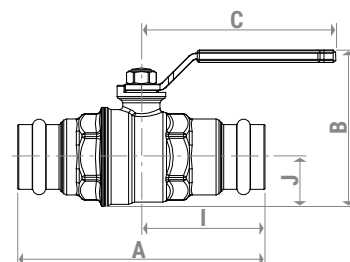
Full port.

Temperature range: 5÷110 °C

Max. working pressure at 20 °C with water: 2,8 MPa (28 bar)

| Product code | Connections | Tongs profile | Finishing | Handle type | Handle color |
|--------------|-------------|---------------|-----------|-------------|--------------|
| R850VY137    | Ø 42 x Ø 42 | V             | Brass     | Large lever | Green        |
| R850VY138    | Ø 54 x Ø 54 | V             | Brass     | Large lever | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|-----|
| R850VY137    | 40 | 158    | 79     | 106    | 36     | 136    | 140 |
| R850VY138    | 50 | 186    | 91     | 122    | 44     | 136    | 211 |

> **R850VWS**

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), with drain cock with hose connection Ø 9 mm, specific for domestic water.

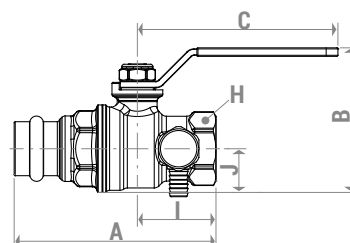
Full port.

Temperature range: 5÷110 °C

Max. working pressure at 20 °C with water: 2,8 MPa (28 bar)

| Product code | Connections  | Drain cock size | Tongs profile | Finishing | Handle type | Handle color | Notes           |
|--------------|--------------|-----------------|---------------|-----------|-------------|--------------|-----------------|
| R850VY158    | Rp 2" x Ø 54 | 3/8"            | V             | Brass     | Large lever | Green        | With drain cock |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|-----|
| R850VY158    | 50 | 165    | 69     | 122    | 44     | 136    | wr.67  | 211 |



> **R851VT**

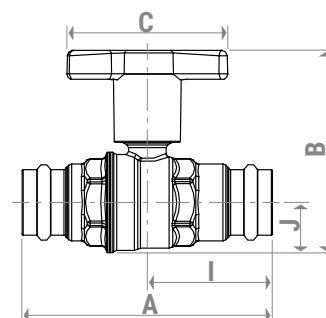
Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Full port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22  
2,8 MPa (28 bar) for Ø 28, Ø 35

| Product code | Connections | Tongs profile | Finishing | Handle type       | Handle color            | Notes                                    |
|--------------|-------------|---------------|-----------|-------------------|-------------------------|------------------------------------------|
| R851VY102    | Ø 18 x Ø 18 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R851VY103    | Ø 15 x Ø 15 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R851VY104    | Ø 22 x Ø 22 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R851VY105    | Ø 28 x Ø 28 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R851VY106    | Ø 35 x Ø 35 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|------|
| R851VY102    | 15 | 100    | 50     | 80     | 16     | 78     | 12,7 |
| R851VY103    | 15 | 100    | 50     | 81     | 17     | 78     | 12,7 |
| R851VY104    | 20 | 116    | 58     | 90     | 20     | 78     | 24,6 |
| R851VY105    | 25 | 122    | 61     | 98     | 25     | 78     | 48,5 |
| R851VY106    | 32 | 130    | 65     | 108    | 30     | 78     | 98,0 |

> **R851VTS**

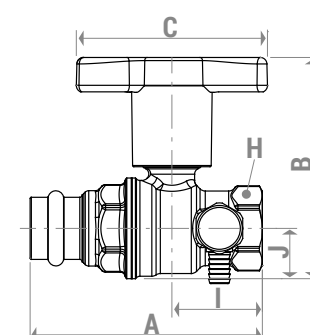
Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), with drain cock with hose connection Ø 9 mm, for pipes with high insulation thickness, specific for domestic water. Full port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22  
2,8 MPa (28 bar) for Ø 28

| Product code | Connections    | Drain cock size | Tongs profile | Finishing | Handle type       | Handle color            | Notes                                                     |
|--------------|----------------|-----------------|---------------|-----------|-------------------|-------------------------|-----------------------------------------------------------|
| R851VY152    | Rp 1/2" x Ø 18 | 1/4"            | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |
| R851VY153    | Rp 1/2" x Ø 15 | 1/4"            | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |
| R851VY154    | Rp 3/4" x Ø 22 | 1/4"            | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |
| R851VY155    | Rp 1" x Ø 28   | 1/4"            | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | With drain cock, for pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R851VY152    | 15 | 84     | 34     | 81     | 17     | 78     | wr.25  | 12,7 |
| R851VY153    | 15 | 84     | 34     | 81     | 17     | 78     | wr.25  | 12,7 |
| R851VY154    | 20 | 95     | 37     | 91     | 21     | 78     | wr.31  | 24,6 |
| R851VY155    | 25 | 105    | 44     | 98     | 25     | 78     | wr.39  | 48,5 |



> **R853VT**

Ball valve, with male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water.

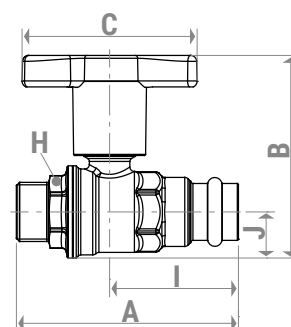
Full port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22  
2,8 MPa (28 bar) for Ø 28, Ø 35

| Product code | Connections      | Tongs profile | Finishing | Handle type       | Handle color            | Notes                                    |
|--------------|------------------|---------------|-----------|-------------------|-------------------------|------------------------------------------|
| R853VY102    | G 1/2"M x Ø 18   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R853VY103    | G 1/2"M x Ø 15   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R853VY104    | G 3/4"M x Ø 22   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R853VY105    | G 1"M x Ø 28     | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R853VY106    | G 1-1/4"M x Ø 35 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R853VY102    | 15 | 86     | 50     | 81     | 17     | 78     | wr.22  | 12,7 |
| R853VY103    | 15 | 86     | 50     | 81     | 17     | 78     | wr.22  | 12,7 |
| R853VY104    | 20 | 99     | 58     | 90     | 21     | 78     | wr.29  | 24,6 |
| R853VY105    | 25 | 107    | 61     | 99     | 25     | 78     | wr.36  | 48,5 |
| R853VY106    | 32 | 120    | 65     | 109    | 30     | 78     | wr.44  | 98,0 |

> **R853VWL**

Ball valve, with male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water.

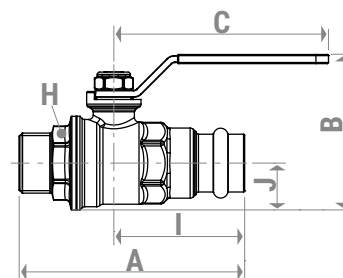
Full port.

Temperature range: 5÷110 °C

Max. working pressure at 20 °C with water: 2,8 MPa (28 bar)

| Product code | Connections      | Tongs profile | Finishing | Handle type | Handle color |
|--------------|------------------|---------------|-----------|-------------|--------------|
| R853VY137    | G 1-1/2"M x Ø 42 | V             | Brass     | Large lever | Green        |
| R853VY138    | G 2"M x Ø 54     | V             | Brass     | Large lever | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|-----|
| R853VY137    | 40 | 136    | 76     | 107    | 37     | 137    | wr.54  | 140 |
| R853VY138    | 50 | 159    | 91     | 122    | 44     | 137    | wr.67  | 211 |



> **R854VT**

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water.

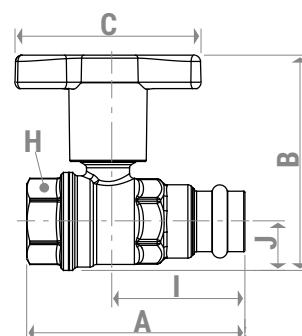
Full port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22  
2,8 MPa (28 bar) for Ø 28, Ø 35

| Product code | Connections      | Tongs profile | Finishing | Handle type       | Handle color            | Notes                                    |
|--------------|------------------|---------------|-----------|-------------------|-------------------------|------------------------------------------|
| R854VY102    | Rp 1/2" x Ø 18   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R854VY103    | Rp 1/2" x Ø 15   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R854VY104    | Rp 3/4" x Ø 22   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R854VY105    | Rp 1" x Ø 28     | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R854VY106    | Rp 1-1/4" x Ø 35 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R854VY102    | 15 | 80     | 50     | 81     | 17     | 78     | wr.26  | 12,7 |
| R854VY103    | 15 | 80     | 50     | 81     | 17     | 78     | wr.26  | 12,7 |
| R854VY104    | 20 | 92     | 58     | 90     | 21     | 78     | wr.32  | 24,6 |
| R854VY105    | 25 | 102    | 61     | 99     | 25     | 78     | wr.41  | 48,5 |
| R854VY106    | 32 | 112    | 65     | 108    | 30     | 78     | wr.50  | 98,0 |

> **R854VWL**

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water.

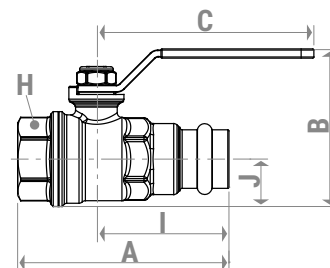
Full port.

Temperature range: 5÷110 °C

Max. working pressure at 20 °C with water: 2,8 MPa (28 bar)

| Product code | Connections      | Tongs profile | Finishing | Handle type | Handle color |
|--------------|------------------|---------------|-----------|-------------|--------------|
| R854VY137    | Rp 1-1/2" x Ø 42 | V             | Brass     | Large lever | Green        |
| R854VY138    | Rp 2" x Ø 54     | V             | Brass     | Large lever | Green        |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|-----|
| R854VY137    | 40 | 131    | 79     | 107    | 37     | 137    | wr.55  | 140 |
| R854VY138    | 50 | 154    | 91     | 122    | 44     | 137    | wr.69  | 211 |



## > R859VT



Ball valve, with tail piece male-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water.

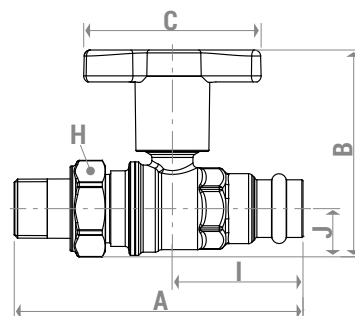
Full port.

Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time

Max. working pressure at 20 °C with water: 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22  
2,8 MPa (28 bar) for Ø 28, Ø 35

| Product code | Connections     | Tongs profile | Finishing | Handle type       | Handle color            | Notes                                    |
|--------------|-----------------|---------------|-----------|-------------------|-------------------------|------------------------------------------|
| R859VY102    | R 1/2" x Ø 18   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R859VY103    | R 1/2" x Ø 15   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R859VY104    | R 3/4" x Ø 22   | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R859VY105    | R 1" x Ø 28     | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |
| R859VY106    | R 1-1/4" x Ø 35 | V - SA - M    | Brass     | Extended T-handle | Green, red, blue plates | For pipes with high insulation thickness |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R859VY102    | 15 | 112    | 50     | 81     | 17     | 78     | wr.30  | 12,7 |
| R859VY103    | 15 | 112    | 50     | 81     | 17     | 78     | wr.30  | 12,7 |
| R859VY104    | 20 | 127    | 57     | 91     | 21     | 78     | wr.38  | 24,6 |
| R859VY105    | 25 | 135    | 61     | 100    | 26     | 78     | wr.46  | 48,5 |
| R859VY106    | 32 | 150    | 65     | 108    | 30     | 78     | wr.53  | 98,0 |





## **ASTM / ASME STANDARD AND COMPRESSION CONNECTIONS**

**NPT, ASME B1.20.1 THREADS**

**Valves for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydrocarbons**

- Valves with threaded connections
- Valves with compression connections

## VALVES FOR WATER FOR HEATING/COOLING SYSTEMS, DANGEROUS AND NOT DANGEROUS GAS, LIQUID HYDROCARBONS

### > R910



DADO ball valve, with female-female connections.  
Full port.

#### USE WITH WATER AND NOT DANGEROUS GAS

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 1/4", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"  
2,8 MPa (28 bar) for 2-1/2", 3", 4"

#### USE WITH GAS AND LIQUID HYDROCARBONS

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.

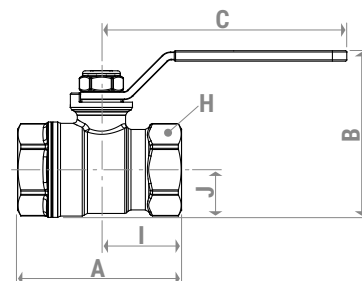
**i** For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.



DADO

| Product code | Connections               | Finishing           | Handle type | Handle color | Notes     |
|--------------|---------------------------|---------------------|-------------|--------------|-----------|
| R910UY001    | 1/4"NPT-F x 1/4"NPT-F     | Brass               | Lever       | Red          | DADO ball |
| R910UY003    | 1/2"NPT-F x 1/2"NPT-F     | Brass               | Large lever | Red          | DADO ball |
| R910UY004    | 3/4"NPT-F x 3/4"NPT-F     | Brass               | Large lever | Red          | DADO ball |
| R910UY005    | 1"NPT-F x 1"NPT-F         | Brass               | Large lever | Red          | DADO ball |
| R910UY006    | 1-1/4"NPT-F x 1-1/4"NPT-F | Brass               | Large lever | Red          | DADO ball |
| R910UY007    | 1-1/2"NPT-F x 1-1/2"NPT-F | Brass               | Large lever | Red          | DADO ball |
| R910UY008    | 2"NPT-F x 2"NPT-F         | Brass               | Large lever | Red          | DADO ball |
| R910UY009    | 2-1/2"NPT-F x 2-1/2"NPT-F | Brass               | Lever       | Red          | DADO ball |
| R910UY010    | 3"NPT-F x 3"NPT-F         | Brass               | Lever       | Red          | DADO ball |
| R910UY011    | 4"NPT-F x 4"NPT-F         | Brass               | Lever       | Red          | DADO ball |
| R910UX023    | 1/2"NPT-F x 1/2"NPT-F     | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R910UX024    | 3/4"NPT-F x 3/4"NPT-F     | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R910UX025    | 1"NPT-F x 1"NPT-F         | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R910UX026    | 1-1/4"NPT-F x 1-1/4"NPT-F | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R910UX027    | 1-1/2"NPT-F x 1-1/2"NPT-F | Nickel plated brass | Large lever | Yellow       | DADO ball |
| R910UX028    | 2"NPT-F x 2"NPT-F         | Nickel plated brass | Large lever | Yellow       | DADO ball |

| Product code | DN  | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|-----|--------|--------|--------|--------|--------|--------|------|
| R910UY001    | 8   | 43     | 21     | 37     | 10     | 43     | wr.17  | 6,9  |
| R910UY003    | 15  | 57     | 28     | 53     | 16     | 77     | wr.25  | 13,3 |
| R910UY004    | 20  | 62     | 31     | 70     | 21     | 95     | wr.32  | 25,8 |
| R910UY005    | 25  | 76     | 38     | 78     | 25     | 95     | wr.39  | 50,9 |
| R910UY006    | 32  | 86     | 43     | 88     | 30     | 95     | wr.47  | 103  |
| R910UY007    | 40  | 97     | 48     | 109    | 37     | 137    | wr.54  | 147  |
| R910UY008    | 50  | 111    | 55     | 125    | 46     | 137    | wr.67  | 222  |
| R910UY009    | 65  | 153    | 76     | 170    | 58     | 187    | wr.82  | 336  |
| R910UY010    | 80  | 173    | 87     | 189    | 68     | 187    | wr.96  | 377  |
| R910UY011    | 100 | 217    | 108    | 242    | 88     | 257    | wr.126 | 645  |
| R910UX023    | 15  | 57     | 28     | 53     | 16     | 77     | wr.25  | 13,3 |
| R910UX024    | 20  | 62     | 31     | 70     | 21     | 95     | wr.32  | 25,8 |
| R910UX025    | 25  | 76     | 38     | 78     | 25     | 95     | wr.39  | 50,9 |
| R910UX026    | 32  | 86     | 43     | 88     | 30     | 95     | wr.47  | 103  |
| R910UX027    | 40  | 97     | 48     | 109    | 37     | 137    | wr.54  | 147  |
| R910UX028    | 50  | 111    | 55     | 125    | 46     | 137    | wr.67  | 222  |



> **R850**

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

**USE WITH WATER AND NOT DANGEROUS GAS**

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", 1-1/2", 2"

**USE WITH GAS AND LIQUID HYDROCARBONS**

Temperature range: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

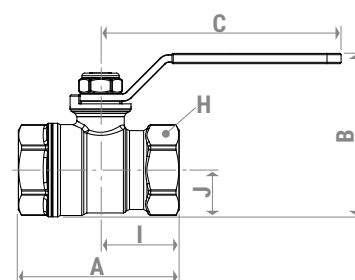
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

**i** For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

| Product code | Connections               | Finishing | Handle type | Handle color |
|--------------|---------------------------|-----------|-------------|--------------|
| R850UY001    | 1/4"NPT-F x 1/4"NPT-F     | Brass     | Lever       | Red          |
| R850UY002    | 3/8"NPT-F x 3/8"NPT-F     | Brass     | Lever       | Red          |
| R850UY003    | 1/2"NPT-F x 1/2"NPT-F     | Brass     | Lever       | Red          |
| R850UY004    | 3/4"NPT-F x 3/4"NPT-F     | Brass     | Lever       | Red          |
| R850UY005    | 1"NPT-F x 1"NPT-F         | Brass     | Lever       | Red          |
| R850UY006    | 1-1/4"NPT-F x 1-1/4"NPT-F | Brass     | Lever       | Red          |
| R850UY007    | 1-1/2"NPT-F x 1-1/2"NPT-F | Brass     | Lever       | Red          |
| R850UY008    | 2"NPT-F x 2"NPT-F         | Brass     | Lever       | Red          |
| R850UY093    | 1/2"NPT-F x 1/2"NPT-F     | Brass     | Lever       | Blue         |
| R850UY094    | 3/4"NPT-F x 3/4"NPT-F     | Brass     | Lever       | Blue         |
| R850UY095    | 1"NPT-F x 1"NPT-F         | Brass     | Lever       | Blue         |
| R850UY096    | 1-1/4"NPT-F x 1-1/4"NPT-F | Brass     | Lever       | Blue         |
| R850UY097    | 1-1/2"NPT-F x 1-1/2"NPT-F | Brass     | Lever       | Blue         |
| R850UY098    | 2"NPT-F x 2"NPT-F         | Brass     | Lever       | Blue         |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R850UY001    | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R850UY002    | 10 | 46     | 23     | 45     | 13     | 77     | wr.20  | 6,7  |
| R850UY003    | 15 | 53     | 27     | 51     | 16     | 77     | wr.25  | 12,7 |
| R850UY004    | 20 | 60     | 30     | 67     | 20     | 95     | wr.31  | 24,6 |
| R850UY005    | 25 | 74     | 37     | 76     | 25     | 95     | wr.38  | 48,5 |
| R850UY006    | 32 | 84     | 42     | 85     | 29     | 95     | wr.47  | 98,0 |
| R850UY007    | 40 | 95     | 47     | 104    | 35     | 137    | wr.54  | 140  |
| R850UY008    | 50 | 109    | 54     | 120    | 43     | 137    | wr.66  | 211  |
| R850UY093    | 15 | 53     | 27     | 51     | 16     | 77     | wr.25  | 12,7 |
| R850UY094    | 20 | 60     | 30     | 67     | 20     | 95     | wr.31  | 24,6 |
| R850UY095    | 25 | 74     | 37     | 76     | 25     | 95     | wr.38  | 48,5 |
| R850UY096    | 32 | 84     | 42     | 85     | 29     | 95     | wr.47  | 98,0 |
| R850UY097    | 40 | 95     | 47     | 104    | 35     | 137    | wr.54  | 140  |
| R850UY098    | 50 | 109    | 54     | 120    | 43     | 137    | wr.66  | 211  |



> **R250D**

Ball valve, with female-female connections.  
Standard port.

**USE WITH WATER AND NOT DANGEROUS GAS**

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 1/4", 3/8", 1/2", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"  
2,8 MPa (28 bar) for 2-1/2", 3", 4"

**USE WITH GAS AND LIQUID HYDROCARBONS**

Temperature range: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

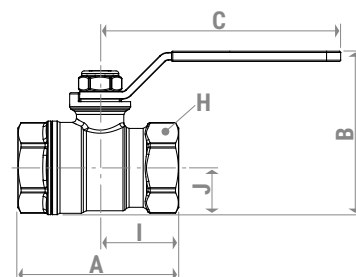
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

**i** For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

| Product code | Connections               | Finishing | Handle type | Handle color |
|--------------|---------------------------|-----------|-------------|--------------|
| R250UY001    | 1/4"NPT-F x 1/4"NPT-F     | Brass     | Lever       | Red          |
| R250UY002    | 3/8"NPT-F x 3/8"NPT-F     | Brass     | Lever       | Red          |
| R250UY003    | 1/2"NPT-F x 1/2"NPT-F     | Brass     | Lever       | Red          |
| R250UY004    | 3/4"NPT-F x 3/4"NPT-F     | Brass     | Lever       | Red          |
| R250UY005    | 1"NPT-F x 1"NPT-F         | Brass     | Lever       | Red          |
| R250UY006    | 1-1/4"NPT-F x 1-1/4"NPT-F | Brass     | Lever       | Red          |
| R250UY007    | 1-1/2"NPT-F x 1-1/2"NPT-F | Brass     | Lever       | Red          |
| R250UY008    | 2"NPT-F x 2"NPT-F         | Brass     | Lever       | Red          |
| R250UY009    | 2-1/2"NPT-F x 2-1/2"NPT-F | Brass     | Lever       | Red          |
| R250UY010    | 3"NPT-F x 3"NPT-F         | Brass     | Lever       | Red          |
| R250UY011    | 4"NPT-F x 4"NPT-F         | Brass     | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R250UY001    | 8  | 43     | 21     | 36     | 10     | 43     | wr.17  | 6,6  |
| R250UY002    | 10 | 45     | 22     | 46     | 14     | 77     | wr.21  | 6,7  |
| R250UY003    | 14 | 54     | 27     | 49     | 15     | 77     | wr.25  | 10,2 |
| R250UY004    | 18 | 63     | 31     | 64     | 18     | 94     | wr.32  | 18,5 |
| R250UY005    | 22 | 75     | 38     | 73     | 23     | 94     | wr.39  | 36,3 |
| R250UY006    | 28 | 84     | 42     | 82     | 28     | 94     | wr.48  | 73,5 |
| R250UY007    | 35 | 93     | 46     | 100    | 33     | 136    | wr.55  | 105  |
| R250UY008    | 45 | 107    | 54     | 115    | 41     | 136    | wr.67  | 158  |
| R250UY009    | 58 | 146    | 73     | 154    | 52     | 173    | wr.82  | 240  |
| R250UY010    | 68 | 160    | 80     | 169    | 60     | 173    | wr.98  | 269  |
| R250UY011    | 90 | 207    | 104    | 207    | 77     | 187    | wr.122 | 461  |



> **R258CC**

Ball valve, with compression connections for copper pipes.  
Standard port.

**USE WITH WATER AND NOT DANGEROUS GAS**

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"; 3/4"  
3,5 MPa (35 bar) for 1"

**USE WITH GAS AND LIQUID HYDROCARBONS**

Temperature range: -20÷60 °C

Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)

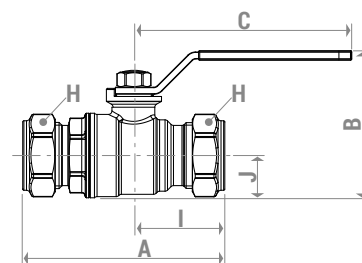
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

 For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

| Product code | Connections | Finishing           | Handle type | Handle color |
|--------------|-------------|---------------------|-------------|--------------|
| R258CX052    | 1/2" x 1/2" | Chrome plated brass | Lever       | Red          |
| R258CX055    | 3/4" x 3/4" | Chrome plated brass | Lever       | Red          |
| R258CX056    | 1" x 1"     | Chrome plated brass | Lever       | Red          |
| R258CX062    | 1/2" x 1/2" | Chrome plated brass | Lever       | Yellow       |
| R258CX065    | 3/4" x 3/4" | Chrome plated brass | Lever       | Yellow       |
| R258CX066    | 1" x 1"     | Chrome plated brass | Lever       | Yellow       |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R258CX052    | 14 | 72     | 32     | 49     | 15     | 77     | wr.24  | 10,2 |
| R258CX055    | 18 | 88     | 40     | 64     | 18     | 94     | wr.32  | 18,5 |
| R258CX056    | 22 | 97     | 45     | 73     | 23     | 94     | wr.39  | 36,3 |
| R258CX062    | 14 | 72     | 32     | 49     | 15     | 77     | wr.24  | 10,2 |
| R258CX065    | 18 | 88     | 40     | 64     | 18     | 94     | wr.32  | 18,5 |
| R258CX066    | 22 | 97     | 45     | 73     | 23     | 94     | wr.39  | 36,3 |



> R858



Ball valve, with compression connections for copper pipes.  
Standard port.

USE WITH WATER AND NOT DANGEROUS GAS  
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", 3/4"  
3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"

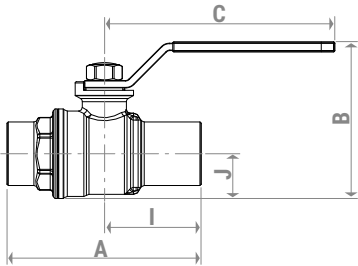
USE WITH GAS AND LIQUID HYDROCARBONS  
Temperature range: -20÷60 °C  
Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)  
Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

 For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

| Product code | Connections     | Finishing | Handle type | Handle color |
|--------------|-----------------|-----------|-------------|--------------|
| R858UY003    | 1/2" x 1/2"     | Brass     | Lever       | Red          |
| R858UY004    | 3/4" x 3/4"     | Brass     | Lever       | Red          |
| R858UY005    | 1" x 1"         | Brass     | Lever       | Red          |
| R858UY006    | 1-1/4" x 1-1/4" | Brass     | Lever       | Red          |
| R858UY007    | 1-1/2" x 1-1/2" | Brass     | Lever       | Red          |
| R858UY008    | 2" x 2"         | Brass     | Lever       | Red          |

| Product code | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|------|
| R858UY003    | 15 | 58     | 29     | 51     | 16     | 77     | 12,7 |
| R858UY004    | 20 | 80     | 40     | 67     | 20     | 94     | 24,6 |
| R858UY005    | 25 | 98     | 49     | 76     | 24     | 94     | 48,5 |
| R858UY006    | 32 | 110    | 55     | 85     | 29     | 94     | 98   |
| R858UY007    | 40 | 127    | 63,5   | 104    | 35     | 136    | 140  |
| R858UY008    | 50 | 155    | 77,5   | 120    | 43     | 136    | 211  |





## BALL COCKS

Cocks for water for heating/cooling systems

Under-sink and washing machine cocks

Hose Bibs

## COCKS FOR WATER FOR HEATING/COOLING SYSTEMS

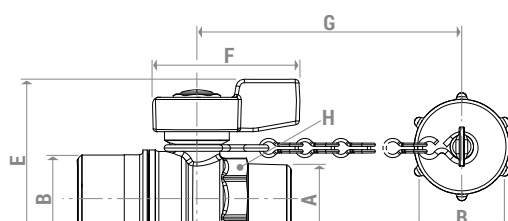
### > R248M-1



Ball cock, with male-male threaded connections.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)

| Product code | Connections                 | Finishing           | Handle type       | Handle color | Notes    |
|--------------|-----------------------------|---------------------|-------------------|--------------|----------|
| R248X023     | R 1/2" x G 3/4" M flat seat | Chrome plated brass | Single lug handle | Red          | With cap |
| R248Y023     | R 1/2" x G 3/4" M flat seat | Brass               | Single lug handle | Red          | With cap |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|--------|------|
| R248X023     | 14 | 1/2"   | 3/4"   | 65     | 29     | 51     | 44     | wr.22  | 140    | 10,2 |
| R248Y023     | 14 | 1/2"   | 3/4"   | 65     | 29     | 51     | 44     | wr.22  | 140    | 10,2 |



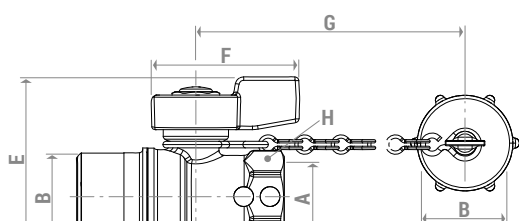
### > R248F-1



Ball cock, with female-male threaded connections.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)

| Product code | Connections                   | Finishing           | Handle type       | Handle color | Notes    |
|--------------|-------------------------------|---------------------|-------------------|--------------|----------|
| R248X024     | G 1/2" F x G 3/4" M flat seat | Chrome plated brass | Single lug handle | Red          | With cap |
| R248Y024     | G 1/2" F x G 3/4" M flat seat | Brass               | Single lug handle | Red          | With cap |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|--------|------|
| R248X024     | 14 | 1/2"   | 3/4"   | 63     | 27     | 51     | 44     | wr.25  | 140    | 10,2 |
| R248Y024     | 14 | 1/2"   | 3/4"   | 63     | 27     | 51     | 44     | wr.25  | 140    | 10,2 |

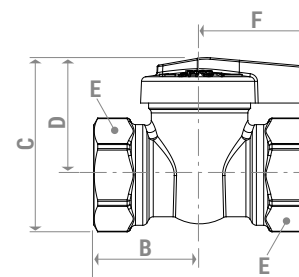


> **R602**

Ball cock, with female-female threaded connections.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections       |  |  |  | Finishing | Handle type | Handle color |
|--------------|-------------------|--|--|--|-----------|-------------|--------------|
| R602Y003     | G 1/2"F x G 1/2"F |  |  |  | Brass     | Short lever | Red          |

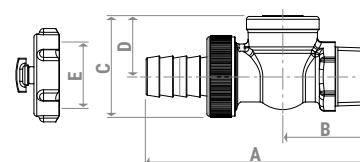
| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|-----|
| R602Y003     | 10 | 59     | 29,5   | 47     | 33     | wr.25  | 35     | 6,7 |

> **R608**

Ball cock, with male threaded connection-hose connection.  
For opening and closing operations use a screwdriver or a 5 mm Allen key.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections                      |  |  |  | Finishing | Handle type        | Notes                             |
|--------------|----------------------------------|--|--|--|-----------|--------------------|-----------------------------------|
| R608Y012     | R 3/8" x Hose connection Ø 15 mm |  |  |  | Brass     | Screwdriver bonnet | With hose connection, nut and cap |
| R608Y013     | R 1/2" x Hose connection Ø 15 mm |  |  |  | Brass     | Screwdriver bonnet | With hose connection, nut and cap |
| R608Y014     | R 3/4" x Hose connection Ø 18 mm |  |  |  | Brass     | Screwdriver bonnet | With hose connection, nut and cap |

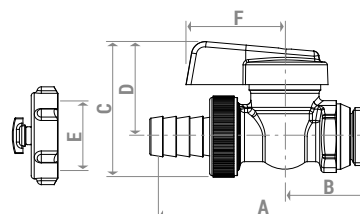
| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm]             | Kv   |
|--------------|----|--------|--------|--------|--------|--------------------|------|
| R608Y012     | 10 | 75     | 29     | 33     | 22     | 1/2"F (G, ISO 228) | 6,7  |
| R608Y013     | 10 | 78     | 30     | 36     | 22     | 3/4"F (G, ISO 228) | 6,7  |
| R608Y014     | 15 | 89     | 36     | 40     | 25     | 3/4"F (G, ISO 228) | 12,7 |

> **R608D**

Ball cock, with self-sealing male threaded connection-hose connection.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections                       |  |  |  | Finishing | Handle type | Handle color | Notes                             |
|--------------|-----------------------------------|--|--|--|-----------|-------------|--------------|-----------------------------------|
| R608DY053    | G 1/2"M x Hose connection Ø 15 mm |  |  |  | Brass     | Short lever | Red          | With hose connection, nut and cap |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm]  | F [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|---------|--------|-----|
| R608DY053    | 10 | 78     | 30     | 49     | 35     | G 3/4"F | 35     | 6,7 |



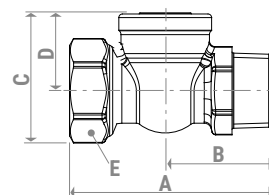
## > R609



Ball cock, with female-male threaded connections.  
For opening and closing operations use a screwdriver or a 5 mm Allen key.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections       | Finishing | Handle type        |
|--------------|-------------------|-----------|--------------------|
| R609Y012     | G 3/8" F x R 3/8" | Brass     | Screwdriver bonnet |
| R609Y013     | G 1/2" F x R 1/2" | Brass     | Screwdriver bonnet |
| R609Y014     | G 3/4" F x R 3/4" | Brass     | Screwdriver bonnet |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|------|
| R609Y012     | 10 | 54     | 29     | 34     | 22     | wr.22  | -      | 6,7  |
| R609Y013     | 10 | 57     | 30     | 36     | 22     | wr.26  | -      | 6,7  |
| R609Y014     | 15 | 67     | 36     | 43     | 25     | wr.32  | -      | 12,7 |



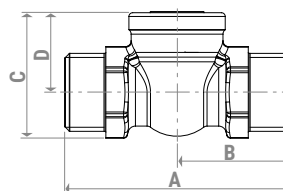
## > R610



Ball cock, with male-male threaded connections.  
For opening and closing operations use a screwdriver or a 5 mm Allen key.  
Standard port.  
Min. working temperature: -20 °C with 50 % glycol solutions  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections         | Finishing | Handle type        |
|--------------|---------------------|-----------|--------------------|
| R610Y003     | G 1/2" M x G 1/2" M | Brass     | Screwdriver bonnet |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|-----|
| R610Y003     | 10 | 60     | 30     | 34     | 22     | 6,7 |

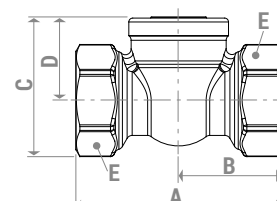


> **R611**

Ball cock, with female-female threaded connections.  
 For opening and closing operations use a screwdriver or a 5 mm Allen key.  
 Standard port.  
 Min. working temperature: -20 °C with 50 % glycol solutions  
 Max. working temperature: 90 °C  
 Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections       | Finishing | Handle type        |
|--------------|-------------------|-----------|--------------------|
| R611Y012     | G 3/8"F x G 3/8"F | Brass     | Screwdriver bonnet |
| R611Y013     | G 1/2"F x G 1/2"F | Brass     | Screwdriver bonnet |
| R611Y014     | G 3/4"F x G 3/4"F | Brass     | Screwdriver bonnet |

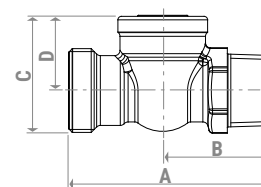
| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|------|
| R611Y012     | 10 | 49     | 24,5   | 33     | 22     | wr.22  | 6,7  |
| R611Y013     | 10 | 53     | 26,5   | 36     | 22     | wr.26  | 6,7  |
| R611Y014     | 15 | 61     | 30,5   | 43     | 25     | wr.32  | 12,7 |

> **R612**

Ball cock, with male threaded connection-base for adaptor.  
 For opening and closing operations use a screwdriver or a 5 mm Allen key.  
 Standard port.  
 Min. working temperature: -20 °C with 50 % glycol solutions  
 Max. working temperature: 90 °C  
 Max. working pressure at 20 °C with water and not dangerous gas: 1,0 MPa (10 bar)

| Product code | Connections   | Finishing | Handle type        |
|--------------|---------------|-----------|--------------------|
| R612Y003     | R 1/2" x B.16 | Brass     | Screwdriver bonnet |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|-----|
| R612Y003     | 10 | 57     | 30     | 34     | 22     | 6,7 |



## UNDER-SINK AND WASHING MACHINE COCKS

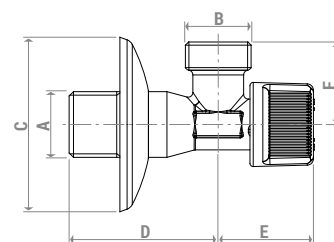
### > R613



Under-sink ball cock, with male-male threaded connections.  
Standard port.  
Min. working temperature: 5 °C  
Max. working temperature: 70 °C (possibility of 90 °C for short periods of time)  
Max. working pressure at 20 °C with water: 1,0 MPa (10 bar)

| Product code | Connections       |  | Finishing           | Handle type    | Handle color  | Notes                          |
|--------------|-------------------|--|---------------------|----------------|---------------|--------------------------------|
| R613X003     | G 1/2"M x G 1/2"M |  | Chrome plated brass | Plastic handle | Chrome plated | With chrome plated cover plate |

| Product code | DN | A [mm]  | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | Kv   |
|--------------|----|---------|--------|--------|--------|--------|--------|------|
| R613X003     | 6  | G 1/2"M | 1/2"M  | Ø 55   | 47     | 30     | 26     | 0,95 |



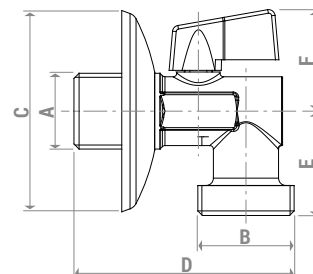
### > R614



Washing machine ball cock, with male-male threaded connections.  
Standard port.  
Min. working temperature: 5 °C  
Max. working temperature: 70 °C (possibility of 90 °C for short periods of time)  
Max. working pressure at 20 °C with water: 1,0 MPa (10 bar)

| Product code | Connections       |  | Finishing           | Handle type    | Handle color  | Notes                          |
|--------------|-------------------|--|---------------------|----------------|---------------|--------------------------------|
| R614X004     | G 1/2"M x G 3/4"M |  | Chrome plated brass | Plastic handle | Chrome plated | With chrome plated cover plate |

| Product code | DN | A [mm]  | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | Kv  |
|--------------|----|---------|--------|--------|--------|--------|--------|-----|
| R614X004     | 8  | G 1/2"M | 3/4"M  | Ø 55   | 60     | 29     | 28     | 1,7 |



## HOSE BIBS

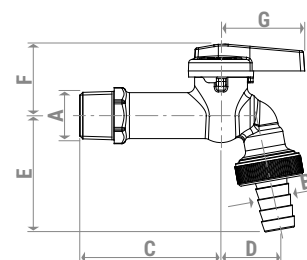
## &gt; R619



Hose Bib, with male threaded connection-hose connection.  
Standard port.  
Min. working temperature: 5 °C  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water: 1,0 MPa (10 bar)

| Product code | Connections                      |  |  |  | Finishing           | Handle type | Handle color |
|--------------|----------------------------------|--|--|--|---------------------|-------------|--------------|
| R619IX103    | R 1/2" x Hose connection Ø 15 mm |  |  |  | Chrome plated brass | Short lever | Red          |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | Kv  |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|-----|
| R619IX103    | 10 | R 1/2" | Ø 15   | 62     | 25     | 51     | 31     | 37     | 6,7 |



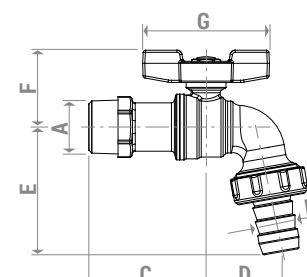
## &gt; R620



Hose Bib, with male threaded connection-hose connection.  
Standard port.  
Min. working temperature: 5 °C  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water: 1,0 MPa (10 bar)

| Product code | Connections                      |  |  |  | Finishing           | Handle type | Handle color |
|--------------|----------------------------------|--|--|--|---------------------|-------------|--------------|
| R620X003     | R 1/2" x Hose connection Ø 15 mm |  |  |  | Chrome plated brass | T-handle    | Red          |
| R620X014     | R 3/4" x Hose connection Ø 20 mm |  |  |  | Chrome plated brass | T-handle    | Red          |
| R620X015     | R 1" x Hose connection Ø 26 mm   |  |  |  | Chrome plated brass | T-handle    | Red          |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|------|
| R620X003     | 10 | R 1/2" | Ø 15   | 52     | 30     | 52     | 29     | 64     | 6,7  |
| R620X014     | 15 | R 3/4" | Ø 20   | 58     | 37     | 63     | 38     | 62     | 12,7 |
| R620X015     | 18 | R 1"   | Ø 26   | 74     | 44     | 74     | 42     | 72     | 18,5 |



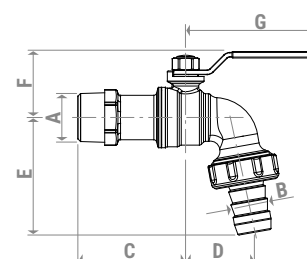
## &gt; R621

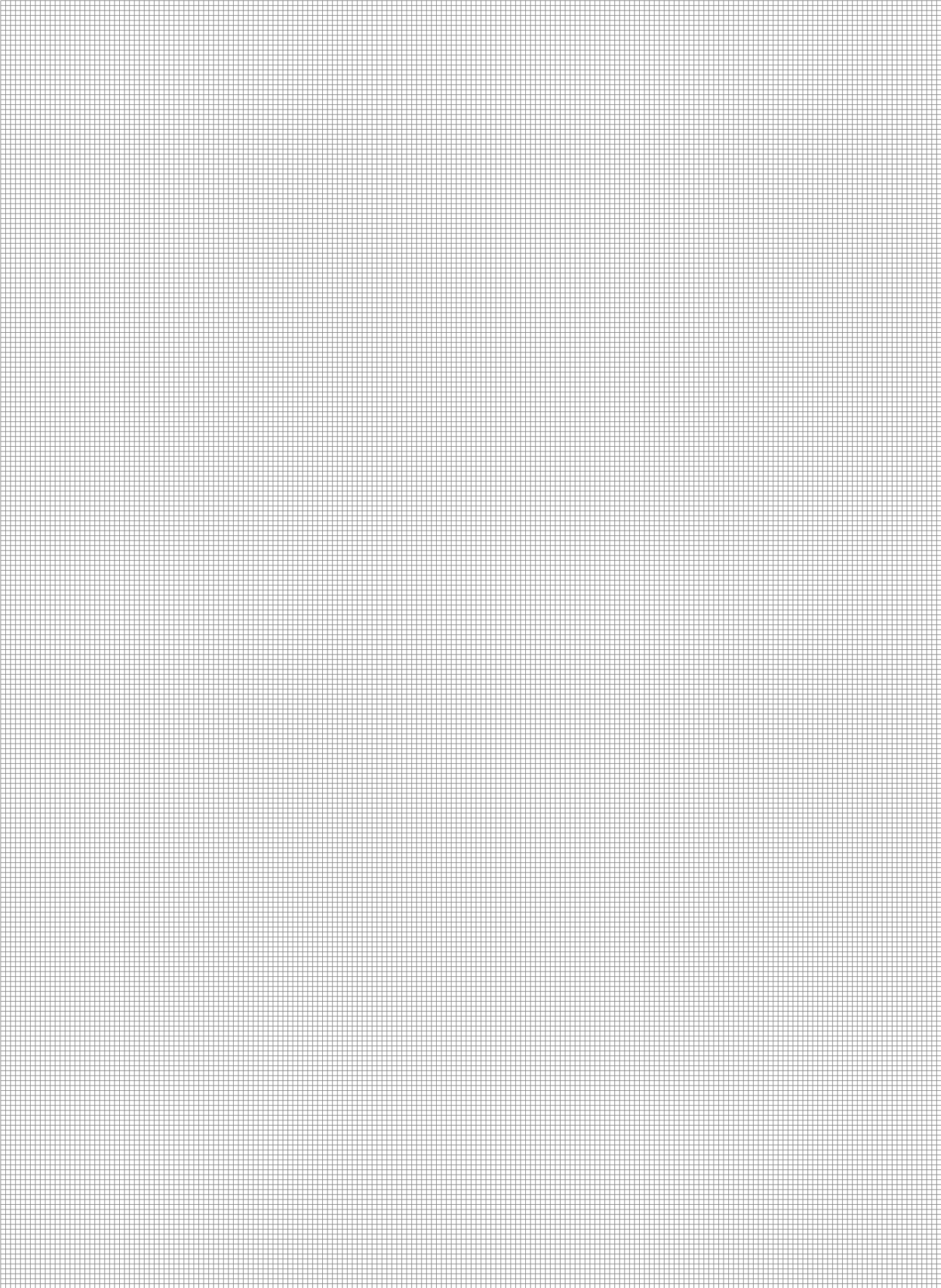


Hose Bib, with male threaded connection-hose connection.  
Standard port.  
Min. working temperature: 5 °C  
Max. working temperature: 90 °C  
Max. working pressure at 20 °C with water: 1,0 MPa (10 bar)

| Product code | Connections                      |  |  |  | Finishing           | Handle type | Handle color |
|--------------|----------------------------------|--|--|--|---------------------|-------------|--------------|
| R621X003     | R 1/2" x Hose connection Ø 15 mm |  |  |  | Chrome plated brass | Lever       | Red          |
| R621X014     | R 3/4" x Hose connection Ø 20 mm |  |  |  | Chrome plated brass | Lever       | Red          |
| R621X015     | R 1" x Hose connection Ø 26 mm   |  |  |  | Chrome plated brass | Lever       | Red          |

| Product code | DN | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | Kv   |
|--------------|----|--------|--------|--------|--------|--------|--------|--------|------|
| R621X003     | 10 | R 1/2" | Ø 15   | 52     | 30     | 52     | 29     | 76     | 6,7  |
| R621X014     | 15 | R 3/4" | Ø 20   | 58     | 37     | 63     | 38     | 76     | 12,7 |
| R621X015     | 18 | R 1"   | Ø 26   | 74     | 44     | 74     | 42     | 94     | 18,5 |







## ACCESSORIES

> **R749T**

Cylinder extension for ball valves

| Product code | Size                                                           | Finishing           | Height [mm] |
|--------------|----------------------------------------------------------------|---------------------|-------------|
| R749TX101    | For all the ball valves of 3/8", 1/2"                          | Chrome plated brass | 50          |
| R749TX102    | For all the ball valves of 3/4", 1", 1 1/4"                    | Chrome plated brass | 61          |
| R749TX103    | For all the ball valves of 1 1/2", 2"                          | Chrome plated brass | 81          |
| R749TX004    | For ball valves R850, R250D of 2 1/2", 3"                      | Chrome plated brass | 93          |
| R749TX005    | For valves R910 of 2 1/2", 3", 4" and valves R850, R250D of 4" | Chrome plated brass | 107         |
| R749TY101    | For all the ball valves of 3/8", 1/2"                          | Brass               | 50          |
| R749TY102    | For all the ball valves of 3/4", 1", 1 1/4"                    | Brass               | 61          |
| R749TY103    | For all the ball valves of 1 1/2", 2"                          | Brass               | 81          |
| R749TY004    | For ball valves R850, R250D of 2 1/2", 3"                      | Brass               | 93          |
| R749TY005    | For valves R910 of 2 1/2", 3", 4" and valves R850, R250D of 4" | Brass               | 107         |



Loosen the nut with the proper wrench



Remove the lever and insert the new PTFE stuffing box ring (included in the package) without removing the preassembled one



Install the cylindrical extension placing it on the ball valve rod and paying attention to the opening direction



Screw the extension central pin on the ball valve rod and tighten completely using the ball valve lever



Insert the brass washer (included in the package)



Install the lever and tighten the nut with the proper wrench

> **R749F**Extended T-handle, for ball valves, with red, blue and green plates.  
Temperature range: -20÷110 °C

| Product code | Size                                        | Material | Height [mm] |
|--------------|---------------------------------------------|----------|-------------|
| R749FY001    | For all the ball valves of 3/8", 1/2"       | Plastic  | 45          |
| R749FY002    | For all the ball valves of 3/4", 1", 1 1/4" | Plastic  | 45          |
| R749FY003    | For all the ball valves of 1 1/2", 2"       | Plastic  | 65          |



Remove the nut with the proper wrench



Remove the lever



Fit the extended handle



Tighten the nut completely using the proper socket wrench



Fit the cover plate

> **R747**

Locking device for ball valves with lever handle

**i** Not suitable for valves with large lever

| Product code | Size             |
|--------------|------------------|
| R747Y001     | 3/8" - 1/2"      |
| R747Y002     | 3/4", 1", 1 1/4" |
| R747Y003     | 1 1/2" - 2"      |

> **R747N**

Locking device for ball valves with lever handle

| Product code | Size        |
|--------------|-------------|
| R747NY004    | 2 1/2" - 3" |
| R747NY005    | 4"          |

> **R37**

Fittings for the connection of the meters.  
Temperature range: 5÷110 °C  
Max. working pressure: 10 bar

| Product code | Size                 | Finishing           |
|--------------|----------------------|---------------------|
| R37X003      | R 1/2" x G 3/4"F Nut | Chrome plated brass |
| R37X004      | R 1/2" x G 3/4"F Nut | Chrome plated brass |
| R37Y003      | R 1/2" x G 3/4"F Nut | Brass               |
| R37Y004      | R 1/2" x G 3/4"F Nut | Brass               |

> **P18L**

Brass nut, female threaded, for R285, R285L ball valves

| Product code | Size                      |
|--------------|---------------------------|
| P18LY007     | For R285, R285L of 1 1/2" |
| P18LY009     | For R285, R285L of 2"     |

> **R540F**

Contact thermometer for R749F T-handles.  
Dual scale 0÷120 °C and 32÷240 °F; Ø40 mm.

| Product code | Color |
|--------------|-------|
| R540FY012    | Red   |
| R540FY032    | Blue  |

> **R288**

Plastic check valve for R285, R285L, R285F ball valves.  
Max. working temperature: 100 °C  
Max. working pressure: 16 bar

| Product code | Size                                              |
|--------------|---------------------------------------------------|
| R288Y005     | 1" - For R285Y001, R285Y002, R285LY001, R285FY001 |
| R288Y006     | 1 1/4" - For R285Y003, R285LY003, R285FY003       |

**⚠ 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](http://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.