

BALL VALVES

0599EN December 2013

STANDARD PORT BALL VALVE, SPECIFIC FOR THE CONNECTION OF THE COUNTERS. FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS. R251P SERIES



GIACOMINI
WATER E-MOTION



R251P

Description

Ball valve with female-female connections, with fixed nut and gasket. Specific for the connection of the counters. For plumbing, gas and liquid hydrocarbon systems. Chrome-plated brass or brass finish. Standard port. Steel lever handle (red, blue or yellow).

Versions and product codes

| Product code | Size | Version | Use | Handle color | |
|--------------|---------------------|---------------|------------------|-------------------------------------|--------|
| R251PX003 | 1/2" F x 3/4" F nut | Chrome-plated | Plumbing systems | Red | |
| R251PX004 | 3/4" F x 3/4" F nut | | | | |
| R251PX005 | 3/4" F x 1" F nut | | | | |
| R251PX006 | 1" F x 1" F nut | | | | |
| R251PY003 | 1/2" F x 3/4" F nut | Brass finish | | Gas and liquid hydrocarbons systems | Blue |
| R251PY004 | 3/4" F x 3/4" F nut | | | | |
| R251PY005 | 3/4" F x 1" F nut | | | | |
| R251PY006 | 1" F x 1" F nut | | | | Yellow |
| R251PY045 | 3/4" F x 1" F nut | | | | |
| R251PY046 | 1" F x 1" F nut | | | | |
| R251PY024 | 3/4" F x 3/4" F nut | | | | |
| R251PY026 | 1" F x 1" F nut | | | | |

Technical data

Main features and materials

- Suitable for plumbing, gas and liquid hydrocarbon systems.
- Connections: F x F nut (ISO 228)
- Standard port.
- UNI EN 12165 CW617N chrome-plated or brass finish valve.
- Stem with double O-ring.
- Nut with anti-corrosion coating, with guarantee seal and hologram.
- Steel lever handle (red and blue for water use; yellow for gas use), with pvc anti-corrosion coating.
- Asbestos-free fiber gasket.

Field of applications

- 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"
- Minimum working temperature: -20 °C with 50 % glycol solutions
- Max. working pressure at 20 °C with liquid hydrocarbon: 1,2 MPa (12 bar)
- Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
- Max. working conditions with dry saturated steam:
185 °C with 1,05 MPa (10,5 bar)

Valves Kv

| Size | Kv |
|------|------|
| 1/2" | 10,2 |
| 3/4" | 18,5 |
| 1" | 36,3 |

Dimensions

| Size | DN | A [mm] | I [mm] | B [mm] | J [mm] | C [mm] | H [mm] | H' [mm] |
|---------------------|----|--------|--------|--------|--------|--------|--------|---------|
| 1/2" F x 3/4" F nut | 14 | 62 | 27 | 54 | 18 | 63 | 25 | 30 |
| 3/4" F x 3/4" F nut | 14 | 63 | 28 | 54 | 18 | 63 | 32 | 30 |
| 3/4" F x 1" F nut | 18 | 85 | 31 | 63 | 21 | 73 | 32 | 37 |
| 1" F x 1" F nut | 22 | 85 | 38 | 69 | 23 | 73 | 40 | 37 |

Product specifications

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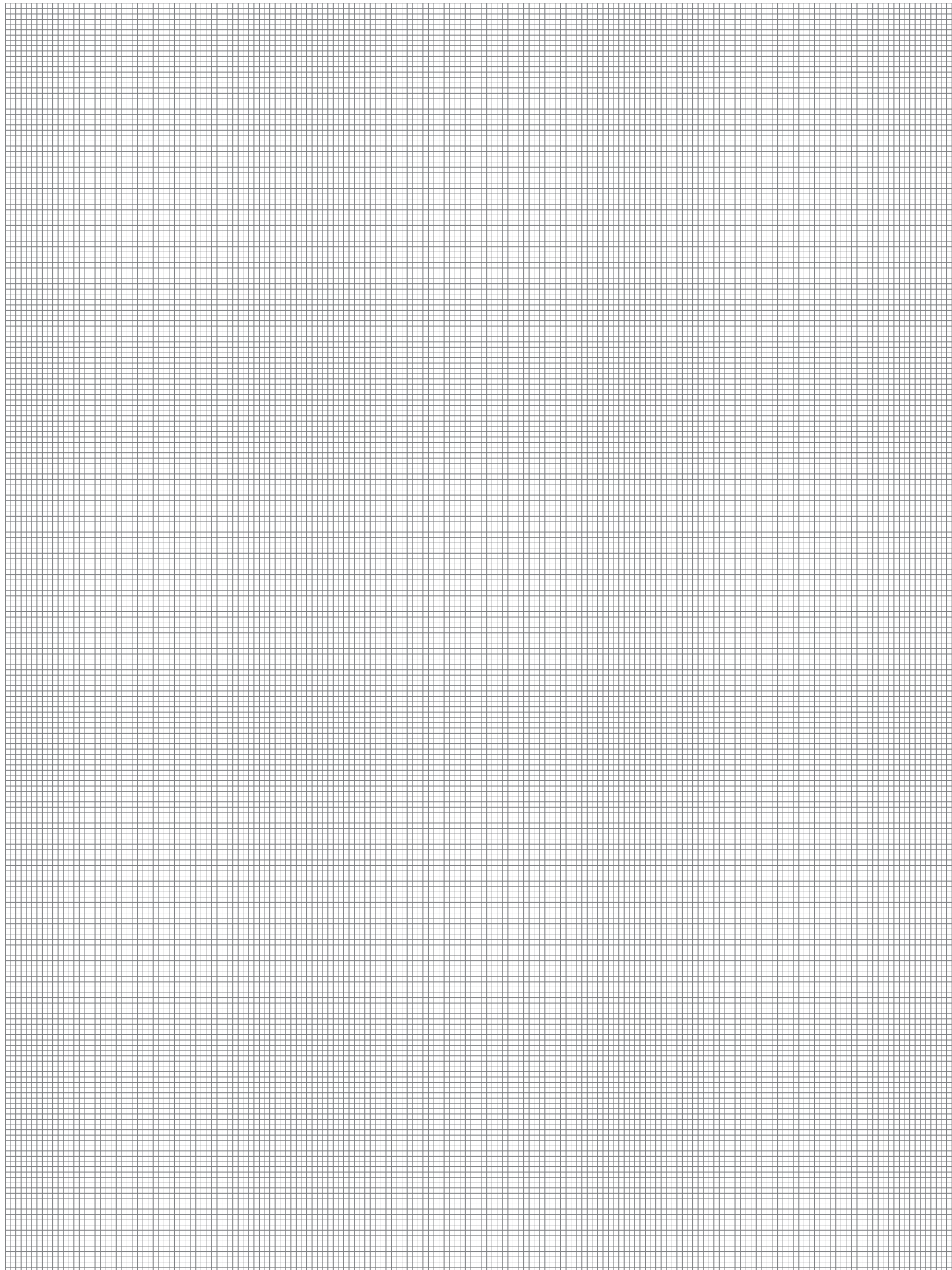
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Additional information

For additional information please check the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📞 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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