

BALL VALVES

0590EN December 2013

**STANDARD PORT BALL VALVE.
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.
R251D SERIES**



GIACOMINI
WATER E-MOTION



R251D

Description

Ball valve with female-female connections. For plumbing, gas and liquid hydrocarbon systems. Chrome-plated brass. Standard port. Aluminium T handle (red or yellow).

Versions and product code

Product code	Size	Use	Handle color
R251X001	1/4"	Plumbing systems	Red
R251X002	3/8"		
R251X003	1/2"		
R251X004	3/4"		
R251X005	1"		
R251X006	1 1/4"		
R251X021	1/4"	Gas and liquid hydrocarbons systems	Yellow
R251X022	3/8"		
R251X023	1/2"		
R251X024	3/4"		
R251X025	1"		
R251X026	1 1/4"		

Technical data

Main features and materials

- Suitable for plumbing, gas and liquid hydrocarbon systems.
- Connections: F x F (ISO 228).
- Standard port.
- UNI EN 12165 CW617N chrome-plated brass valve.
- Stem with double O-ring.
- Nut with anti-corrosion coating, with guarantee seal and hologram.
- Painted aluminium T handle (red for water use; yellow for gas use).

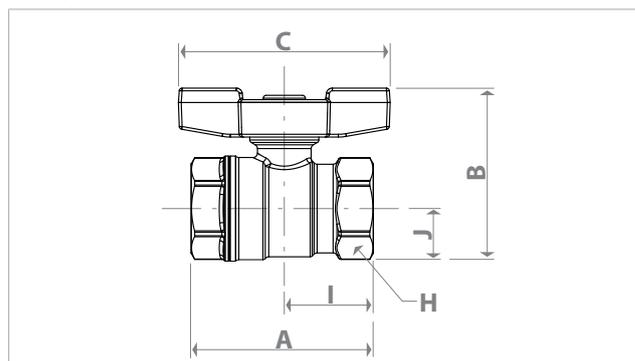
Field of applications

- 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"
- 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
1/4"	6,6
3/8"	6,7
1/2"	10,2
3/4"	18,5
1"	36,3
1 1/4"	73,5

Dimensions



Size	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
1/4"	8	43	21	35	10	40	17
3/8"	10	45	22	46	14	63	21
1/2"	14	54	27	51	15	63	25
3/4"	18	63	31	60	18	73	32
1"	22	75	38	73	23	73	39
1 1/4"	28	84	42	78	28	73	48

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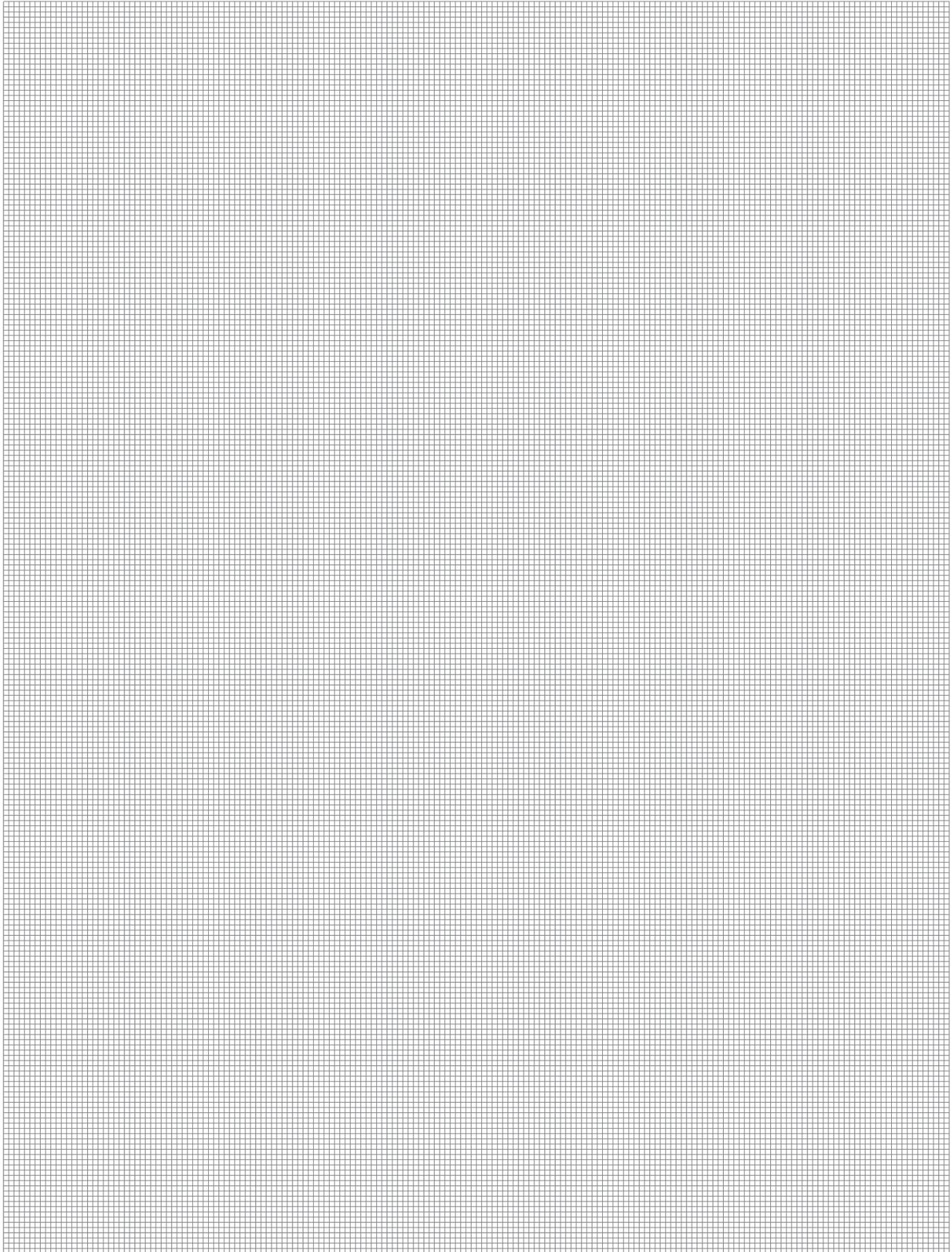
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Additional information

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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