

BALL VALVES

0632EN December 2013

**FULL PORT BALL VALVE.
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.
R851 SERIES**



GIACOMINI
WATER E-MOTION



Description

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

Versions and product code

Product code	Size	Use	Handle color
R851X021	1/4"	Plumbing systems	Red
R851X022	3/8"		
R851X023	1/2"		
R851X024	3/4"		
R851X025	1"		
R851X026	1 1/4"		
R851X001	1/4"	Gas and liquid hydrocarbons systems	Yellow
R851X002	3/8"		
R851X003	1/2"		
R851X004	3/4"		
R851X005	1"		
R851X006	1 1/4"		

Technical data

Main features and materials

- Suitable for plumbing, gas and liquid hydrocarbon systems.
- Connections: F x F (ISO 228).
- Full 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).

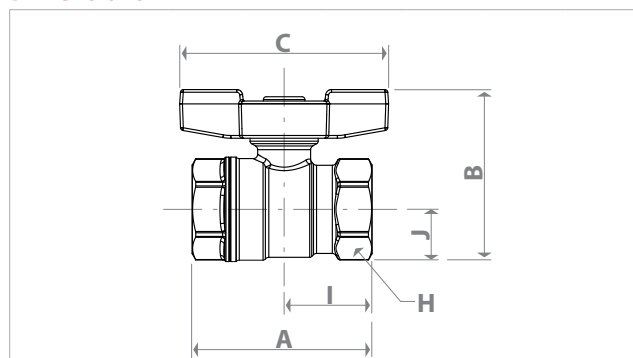
Field of applications

- Max. working pressure at 20 °C with water and not dangerous gas: 3,5 MPa (35 bar) for 1/4" - 3/8" - 1/2" - 3/4" 2,8 MPa (28 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"	12,7
3/4"	24,6
1"	48,5
1 1/4"	98,0

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	46	23	48	13	63	20
1/2"	15	53	27	54	16	63	25
3/4"	20	60	30	63	20	73	31
1"	25	74	37	72	25	73	38
1 1/4"	32	84	42	82	29	73	47

Product specifications

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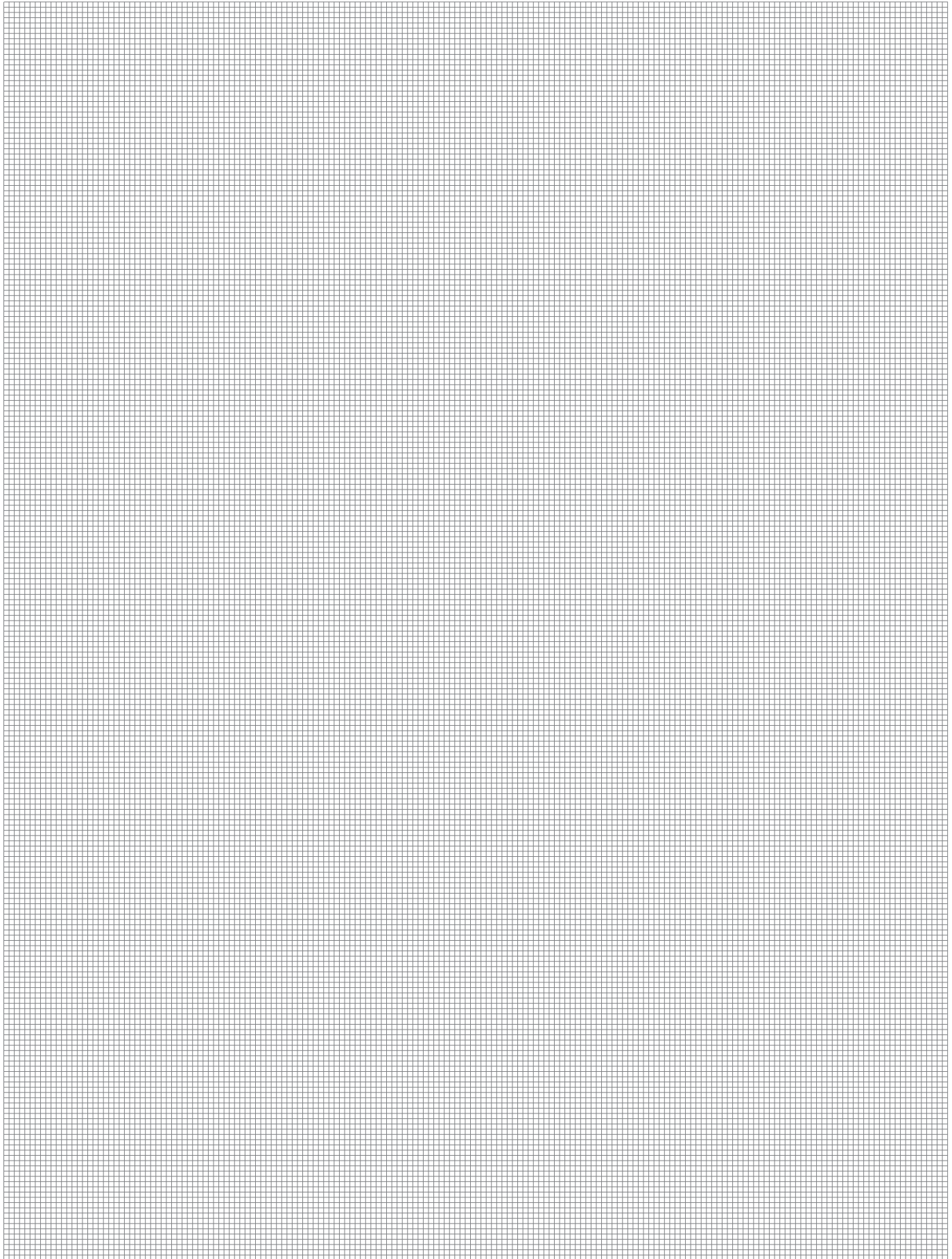
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Additional information

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
This pamphlet is merely for information purposes. Giacomini S.p.A. retains the right to make modifications for technical or commercial reasons, without prior notice, to the items described in this pamphlet. The information described in this technical pamphlet does not exempt the user from following carefully the existing regulations and norms on good workmanship.
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