

BALL VALVES

0594EN December 2013

**STANDARD PORT BALL VALVE.
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.
R254D SERIES**



GIACOMINI
WATER E-MOTION



Description

Ball valve with female-male 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
R254X001	1/4"	Plumbing systems	Red
R254X002	3/8"		
R254X003	1/2"		
R254X004	3/4"		
R254X005	1"		
R254X006	1 1/4"		
R254X021	1/4"	Gas and liquid hydrocarbon systems	Yellow
R254X022	3/8"		
R254X023	1/2"		
R254X024	3/4"		
R254X025	1"		
R254X026	1 1/4"		

Technical data

Main features and materials

- Suitable for plumbing, gas and liquid hydrocarbon systems.
- Connections: F (ISO 228) x M (R - EN 10226).
- 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).

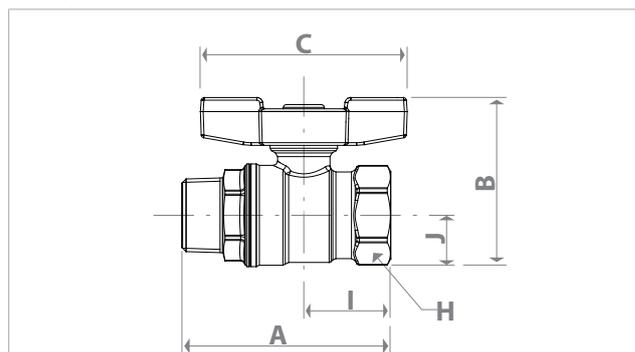
Field of applications

- 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	51	21	35	10	40	17
3/8"	10	55	22	46	14	63	21
1/2"	14	64	27	51	15	63	25
3/4"	18	76	31	60	18	73	32
1"	22	89	38	69	23	73	39
1 1/4"	28	100	42	78	28	73	48

Product specifications

R254D

Ball valve with female-male connections. For plumbing, gas and liquid hydrocarbon systems. UNI EN 12165 CW617N chrome-plated brass. Standard port. Painted aluminium T handle (red for water use; yellow for gas use). Stem with double O-ring. Nut with anti-corrosion coating, with guarantee seal and hologram. 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).

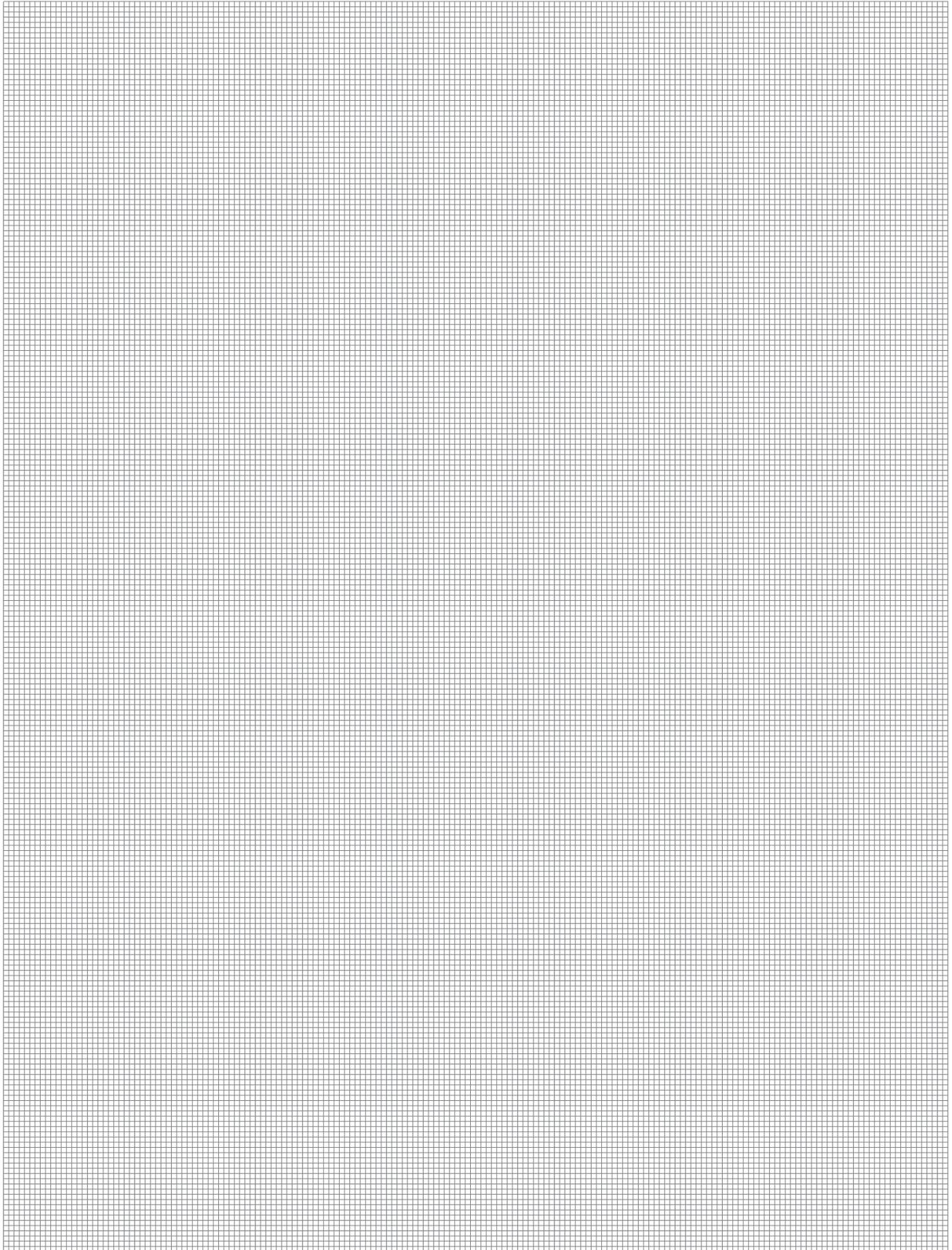
BALL VALVES

0594EN December 2013

STANDARD PORT BALL VALVE.
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.
R254D SERIES



GIACOMINI
WATER E-MOTION



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.
Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy