

BALL VALVES

0590EN March 2020

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
AND NOT DANGEROUS GAS
STANDARD PORT - R251D SERIES

 **GIACOMINI**
WATER E-MOTION



Description

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

Versions and product codes

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

Technical data

Main features and materials

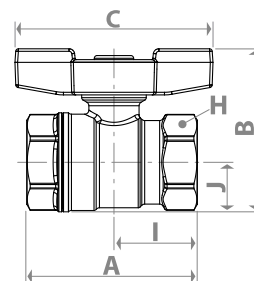
- Suitable for water for heating/cooling systems and not dangerous gas
- Standard port
- Valve made of UNI EN 12165 CW617N chrome plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Aluminium T-handle, red painted

Field of applications

- 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"

Dimensions and Kv

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



Product specifications

R251D - Red T-handle

Ball valve, with female-female threaded connections. Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N chrome plated brass. Standard port. Aluminium T-handle, red painted. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. 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".