

BALL VALVES

0149EN September 2018

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
AND NOT DANGEROUS GAS
STANDARD PORT - R250D SERIES



GIACOMINI
WATER E-MOTION



R250D

Description

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

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color
R250X001	1/4"F (ISO 228) x 1/4"F (ISO 228)	Chrome plated brass	Lever	Red
R250X002	3/8"F (ISO 228) x 3/8"F (ISO 228)	Chrome plated brass	Lever	Red
R250X003	1/2"F (ISO 228) x 1/2"F (ISO 228)	Chrome plated brass	Lever	Red
R250X004	3/4"F (ISO 228) x 3/4"F (ISO 228)	Chrome plated brass	Lever	Red
R250X005	1"F (ISO 228) x 1"F (ISO 228)	Chrome plated brass	Lever	Red
R250X006	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Chrome plated brass	Lever	Red
R250X007	1 1/2"F (ISO 228) x 1 1/2"F (ISO 228)	Chrome plated brass	Lever	Red
R250X008	2"F (ISO 228) x 2"F (ISO 228)	Chrome plated brass	Lever	Red
R250X009	2 1/2"F (ISO 228) x 2 1/2"F (ISO 228)	Chrome plated brass	Lever	Red
R250X010	3"F (ISO 228) x 3"F (ISO 228)	Chrome plated brass	Lever	Red
R250X011	4"F (ISO 228) x 4"F (ISO 228)	Chrome plated brass	Lever	Red
R250ZX001	1/4"F (Rc, EN 10226 "BSP") x 1/4"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX002	3/8"F (Rc, EN 10226 "BSP") x 3/8"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX003	1/2"F (Rc, EN 10226 "BSP") x 1/2"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX004	3/4"F (Rc, EN 10226 "BSP") x 3/4"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX005	1"F (Rc, EN 10226 "BSP") x 1"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX006	1 1/4"F (Rc, EN 10226 "BSP") x 1 1/4"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX007	1 1/2"F (Rc, EN 10226 "BSP") x 1 1/2"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX008	2"F (Rc, EN 10226 "BSP") x 2"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX009	2 1/2"F (Rc, EN 10226 "BSP") x 2 1/2"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX010	3"F (Rc, EN 10226 "BSP") x 3"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZX011	4"F (Rc, EN 10226 "BSP") x 4"F (Rc, EN 10226 "BSP")	Chrome plated brass	Lever	Red
R250ZY001	1/4"F (Rc, EN 10226 "BSP") x 1/4"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY002	3/8"F (Rc, EN 10226 "BSP") x 3/8"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY003	1/2"F (Rc, EN 10226 "BSP") x 1/2"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY004	3/4"F (Rc, EN 10226 "BSP") x 3/4"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY005	1"F (Rc, EN 10226 "BSP") x 1"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY006	1 1/4"F (Rc, EN 10226 "BSP") x 1 1/4"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY007	1 1/2"F (Rc, EN 10226 "BSP") x 1 1/2"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY008	2"F (Rc, EN 10226 "BSP") x 2"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY009	2 1/2"F (Rc, EN 10226 "BSP") x 2 1/2"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY010	3"F (Rc, EN 10226 "BSP") x 3"F (Rc, EN 10226 "BSP")	Brass	Lever	Red
R250ZY011	4"F (Rc, EN 10226 "BSP") x 4"F (Rc, EN 10226 "BSP")	Brass	Lever	Red



Technical data

Main features and materials

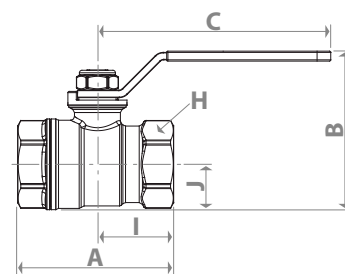
- Suitable for water for heating/cooling systems and not dangerous gas
- Standard port
- Valve made of UNI EN 12165 CW617N rough or chrome plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and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

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" - 1 1/2" - 2"
2,8 MPa (28 bar) for 2 1/2" - 3" - 4"

Dimensions and Kv

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R250X001	8	43	21	36	10	43	17	6,6
R250X002	10	45	22	46	14	77	21	6,7
R250X003	14	54	27	49	15	77	25	10,2
R250X004	18	63	31	64	18	94	32	18,5
R250X005	22	75	38	73	23	94	39	36,3
R250X006	28	84	42	82	28	94	48	73,5
R250X007	35	93	46	100	33	136	55	105
R250X008	45	107	54	115	41	136	67	158
R250X009	58	146	73	154	52	173	82	240
R250X010	68	160	80	169	60	173	98	269
R250X011	90	207	104	207	77	187	122	461
R250ZX001	8	43	21	36	10	43	17	6,6
R250ZX002	10	45	22	46	14	77	21	6,7
R250ZX003	14	54	27	49	15	77	25	10,2
R250ZX004	18	63	31	64	18	94	32	18,5
R250ZX005	22	75	38	73	23	94	39	36,3
R250ZX006	28	84	42	82	28	94	48	73,5
R250ZX007	35	93	46	100	33	136	55	105
R250ZX008	45	107	54	115	41	136	67	158
R250ZX009	58	146	73	154	52	173	82	240
R250ZX010	68	160	80	169	60	173	98	269
R250ZX011	90	207	104	207	77	187	122	461
R250ZY001	8	43	21	36	10	43	17	6,6
R250ZY002	10	45	22	46	14	77	21	6,7
R250ZY003	14	54	27	49	15	77	25	10,2
R250ZY004	18	63	31	64	18	94	32	18,5
R250ZY005	22	75	38	73	23	94	39	36,3
R250ZY006	28	84	42	82	28	94	48	73,5
R250ZY007	35	93	46	100	33	136	55	105
R250ZY008	45	107	54	115	41	136	67	158
R250ZY009	58	146	73	154	52	173	82	240
R250ZY010	68	160	80	169	60	173	98	269
R250ZY011	90	207	104	207	77	187	122	461



Product specifications

R250D - Red lever

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 rough or chrome plated brass. Standard port. Steel lever handle with anti-corrosion treatment and red PVC coating. 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" - 1 1/2" - 2"; 2,8 MPa (28 bar) for 2 1/2" - 3" - 4".