

## BALL VALVES

0619EN September 2017

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS  
AND NOT DANGEROUS GAS  
FULL PORT - R910 SERIES

**GIACOMINI**  
WATER E-MOTION



### Description

DADO ball valve, with female-female threaded connections.  
Full port.

### Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color	Notes
R910X022	3/8"F (ISO 228) x 3/8"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X023	1/2"F (ISO 228) x 1/2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X024	3/4"F (ISO 228) x 3/4"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X025	1"F (ISO 228) x 1"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X026	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X027	1 1/2"F (ISO 228) x 1 1/2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X028	2"F (ISO 228) x 2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X029	2 1/2"F (ISO 228) x 2 1/2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X030	3"F (ISO 228) x 3"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R910X031	4"F (ISO 228) x 4"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball

### Technical data

#### Main features and materials

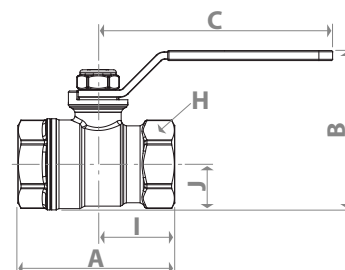
- Suitable for water for heating/cooling systems and not dangerous gas
- Full port
- Valve made of UNI EN 12165 CW617N nickel plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and red PVC coating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

#### 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 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
R910X022	10	50	25	47	13	77	21	7,0
R910X023	15	57	28	53	16	77	25	13,3
R910X024	20	62	31	70	21	95	32	25,8
R910X025	25	76	38	78	25	95	39	50,9
R910X026	32	86	43	88	30	95	47	103
R910X027	40	97	48	109	37	137	54	147
R910X028	50	111	55	125	46	137	67	222
R910X029	65	153	76	170	58	187	82	336
R910X030	80	173	87	189	68	187	96	377
R910X031	100	217	108	242	88	257	126	645



### Product specifications

#### R910 - Red lever

DADO 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 nickel plated brass. Full 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 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".



### Description

DADO valve, with female-female threaded connections.  
Full port.

### Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color	Notes
R910X002	3/8"F (ISO 228) x 3/8"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X003	1/2"F (ISO 228) x 1/2"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X004	3/4"F (ISO 228) x 3/4"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X005	1"F (ISO 228) x 1"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X006	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X007	1 1/2"F (ISO 228) x 1 1/2"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X008	2"F (ISO 228) x 2"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X009	2 1/2"F (ISO 228) x 2 1/2"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X010	3"F (ISO 228) x 3"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball
R910X011	4"F (ISO 228) x 4"F (ISO 228)	Nickel plated brass	Lever	Yellow	DADO ball

### Technical data

#### Main features and materials

- Suitable for dangerous gas and liquid hydrocarbons\*
- Full port
- Valve made of UNI EN 12165 CW617N nickel 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 yellow PVC coating
- DADO ball

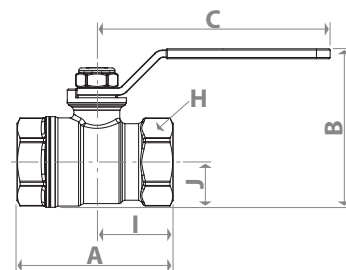
#### Field of applications

- Temperature range: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons\*: 1,2 MPa (12 bar)
- Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

\* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

### Dimensions

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
R910X002	10	50	25	47	13	77	21
R910X003	15	57	28	53	16	77	25
R910X004	20	62	31	70	21	95	32
R910X005	25	76	38	78	25	95	39
R910X006	32	86	43	88	30	95	47
R910X007	40	97	48	109	37	137	54
R910X008	50	111	55	125	46	137	67
R910X009	65	153	76	170	58	187	82
R910X010	80	173	87	189	68	187	96
R910X011	100	217	108	242	88	257	126



### Product specifications

#### R910 - Yellow lever

DADO ball valve, with female-female threaded connections. Suitable for dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N nickel plated brass. Full port. Steel lever handle with anti-corrosion treatment and yellow PVC coating. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Temperature range: -20÷60 °C. Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar). Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar).

#### Additional information

For more information, go to [www.giacomini.com](http://www.giacomini.com) or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)

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