

## BALL VALVES

0619EN December 2013

**FULL PORT BALL VALVE.  
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.  
R910 SERIES**



**GIACOMINI**  
WATER E-MOTION



**R910**

### Description

DADO ball valve with female-female connections. For plumbing, gas and liquid hydrocarbon systems. Nickel-plated brass. Full port. Steel lever handle (red or yellow).

### Versions and product codes

Product code	Size	Use	Handle color
R910X022	3/8"	Plumbing systems	Red
R910X023	1/2"		
R910X024	3/4"		
R910X025	1"		
R910X026	1 1/4"		
R910X027	1 1/2"		
R910X028	2"		
R910X029	2 1/2"		
R910X030	3"		
R910X031	4"		
R910X002	3/8"	Gas and liquid hydrocarbons systems	Yellow
R910X003	1/2"		
R910X004	3/4"		
R910X005	1"		
R910X006	1 1/4"		
R910X007	1 1/2"		
R910X008	2"		
R910X009	2 1/2"		
R910X010	3"		
R910X011	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 nickel-plated brass valve.
- Stem with double O-ring.
- Nut with anti-corrosion coating, with guarantee seal and hologram.
- Steel lever handle (red for water use; yellow for gas use), with pvc anti-corrosion coating.
- DADO ball valve.



### Field of applications

- 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"
- 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	Size	Kv
3/8"	7,0	1 1/2"	147
1/2"	13,3	2"	222
3/4"	25,8	2 1/2"	336
1"	50,9	3"	377
1 1/4"	103	4"	645

### Dimensions

Size	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
3/8"	10	50	25	47	13	77	21
1/2"	15	57	28	53	16	77	25
3/4"	20	62	31	70	21	95	32
1"	25	76	38	78	25	95	39
1 1/4"	32	86	43	88	30	95	47
1 1/2"	40	97	48	109	37	137	54
2"	50	111	55	125	46	137	67
2 1/2"	65	153	76	170	58	187	82
3"	80	173	87	189	68	187	96
4"	100	217	108	242	88	257	126

### Product specifications

#### R910

DADO ball valve with female-female connections. For plumbing, gas and liquid hydrocarbon systems. UNI EN 12165 CW617N nickel-plated brass. Full port. Steel lever handle (red for water use; yellow for gas use), with pvc anti-corrosion coating. 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 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". 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).

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### Additional information

For additional information please check the website [www.giacomini.com](http://www.giacomini.com) or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy