

## BALL VALVES

0615EN December 2013

**FULL PORT BALL VALVE.  
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.  
R950 SERIES**



**GIACOMINI**  
WATER E-MOTION



**R950  
RED HANDLE**

### Description

DADO ball valve with female-female connections. Heavy series. For plumbing systems. Nickel-plated brass. Full port. Steel lever handle (red).

### Versions and product codes

Product code	Size	Use	Handle color
R950X021	1/4"	Plumbing systems	Red
R950X022	3/8"		
R950X023	1/2"		
R950X024	3/4"		
R950X025	1"		
R950X026	1 1/4"		
R950X027	1 1/2"		
R950X028	2"		

### Technical data

#### Main features and materials

- Suitable for plumbing 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), with pvc anti-corrosion coating.
- Heavy series.
- DADO ball valve.



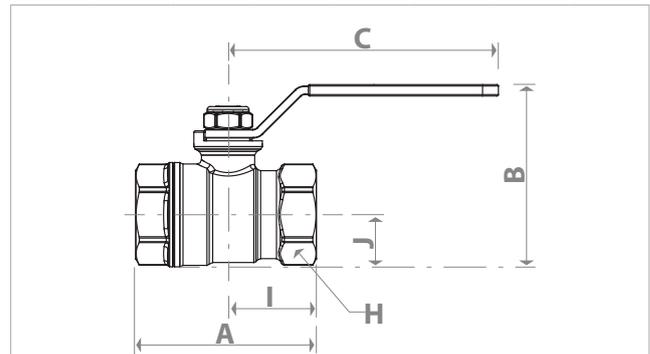
#### Field of applications

- 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" - 1 1/2" - 2"
- Minimum working temperature: -20 °C with 50 % glycol solutions.
- Max. working conditions with dry saturated steam:  
185 °C with 1,05 MPa (10,5 bar)

### Valves Kv

Size	Kv	Size	Kv
1/4"	6,9	1"	50,9
3/8"	7,0	1 1/4"	103
1/2"	13,3	1 1/2"	147
3/4"	25,8	2"	222

### Dimensions



Size	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
1/4"	8	43	21	36	10	43	17
3/8"	10	49	25	47	13	77	21
1/2"	15	60	30	53	16	77	26
3/4"	20	68	34	69	21	95	32
1"	25	81	41	77	25	95	41
1 1/4"	32	95	48	87	30	95	50
1 1/2"	40	104	52	107	36	137	55
2"	50	126	63	122	44	137	70

### Product specifications

#### R950 - Red handle

DADO ball valve with female-female connections. Heavy series. For plumbing systems. UNI EN 12165 CW617N nickel-plated brass. Full port. Steel lever handle (red), 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 1/4" - 3/8" - 1/2" - 3/4"; 3,5 MPa (35 bar) for 1" - 1 1/4" - 1 1/2" - 2". Minimum working temperature: -20 °C with 50 % glycol solutions. Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar).

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R950 SERIES**



**GIACOMINI**  
WATER E-MOTION



**R950  
YELLOW HANDLE**

### Description

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

### Versions and product codes

Product code	Size	Use	Handle color
R950X001	1/4"	Gas and liquid hydrocarbons systems	Yellow
R950X002	3/8"		
R950X003	1/2"		
R950X004	3/4"		
R950X005	1"		
R950X006	1 1/4"		
R950X007	1 1/2"		
R950X008	2"		

### Technical data

#### Main features and materials

- Suitable for plumbing, gas and liquid hydrocarbon systems.
- Connections: F x F (Rp - EN 10226).
- 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 (yellow), with pvc anti-corrosion coating.
- Heavy series.
- DADO ball valve.



#### Field of applications

- 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)
- Temperature range: -20÷60 °C

### Valves Kv

Size	Kv	Size	Kv
1/4"	6,9	1"	50,9
3/8"	7,0	1 1/4"	103
1/2"	13,3	1 1/2"	147
3/4"	25,8	2"	222

### Dimensions

Size	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
1/4"	8	43	21	36	10	43	17
3/8"	10	49	25	47	13	77	21
1/2"	15	60	30	53	16	77	26
3/4"	20	68	34	69	21	95	32
1"	25	81	41	77	25	95	41
1 1/4"	32	95	48	87	30	95	50
1 1/2"	40	104	52	107	36	137	55
2"	50	126	63	122	44	137	70

### Product specifications

#### R950 - Yellow handle

DADO ball valve with female-female connections. Heavy series. For gas and liquid hydrocarbon systems. UNI EN 12165 CW617N nickel-plated brass. Full port. Steel lever handle (yellow), 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 liquid hydrocarbon: 1,2 MPa (12 bar). Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar). Temperature range: -20÷60 °C.

### 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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