

## BALL VALVES

0616EN September 2017

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS  
AND NOT DANGEROUS GAS  
FULL PORT - R951 SERIES

**GIACOMINI**  
WATER E-MOTION



### Description

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

### Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color	Notes
R951X021	1/4"F (ISO 228) x 1/4"F (ISO 228)	Nickel plated brass	T-handle	Red	DADO ball
R951X022	3/8"F (ISO 228) x 3/8"F (ISO 228)	Nickel plated brass	T-handle	Red	DADO ball
R951X023	1/2"F (ISO 228) x 1/2"F (ISO 228)	Nickel plated brass	T-handle	Red	DADO ball
R951X024	3/4"F (ISO 228) x 3/4"F (ISO 228)	Nickel plated brass	T-handle	Red	DADO ball
R951X025	1"F (ISO 228) x 1"F (ISO 228)	Nickel plated brass	T-handle	Red	DADO ball
R951X026	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Nickel plated brass	T-handle	Red	DADO ball

### Technical data

#### Main features and materials

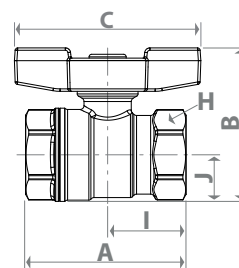
- Suitable for water for heating/cooling systems and not dangerous gas
- Full port
- Valve made of UNI EN 12165 CW617N nickel plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Aluminium T-handle, red painted
- Heavy series
- DADO ball

#### 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 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
R950X021	8	43	21	36	10	42	17	6,9
R950X022	10	49	25	47	13	63	21	7,0
R950X023	15	60	30	53	16	63	26	13,3
R950X024	20	68	34	69	21	77	32	25,8
R950X025	25	81	41	77	25	77	41	50,9
R950X026	32	95	48	87	30	77	50	103



### Product specifications

#### R951 - Red T-handle

DADO ball valve, with female-female threaded connections. Heavy series. Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N nickel plated brass. Full 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".


**R951**

### Description

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

### Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color	Notes
R951X001	1/4"F (ISO 228) x 1/4"F (ISO 228)	Nickel plated brass	T-handle	Yellow	DADO ball
R951X002	3/8"F (ISO 228) x 3/8"F (ISO 228)	Nickel plated brass	T-handle	Yellow	DADO ball
R951X003	1/2"F (ISO 228) x 1/2"F (ISO 228)	Nickel plated brass	T-handle	Yellow	DADO ball
R951X004	3/4"F (ISO 228) x 3/4"F (ISO 228)	Nickel plated brass	T-handle	Yellow	DADO ball
R951X005	1"F (ISO 228) x 1"F (ISO 228)	Nickel plated brass	T-handle	Yellow	DADO ball
R951X006	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Nickel plated brass	T-handle	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
- Aluminium T-handle, yellow painted
- Heavy series
- DADO ball

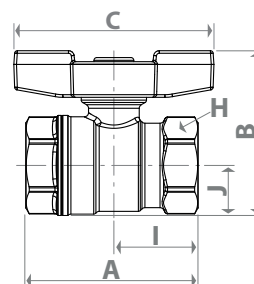
#### Field of applications

- 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]
R951X001	8	43	21	36	10	42	17
R951X002	10	49	25	47	13	63	21
R951X003	15	60	30	53	16	63	26
R951X004	20	68	34	69	21	77	32
R951X005	25	81	41	77	25	77	41
R951X006	32	95	48	87	30	77	50



### Product specifications

#### R951 - Yellow T-handle

DADO ball valve, with female-female threaded connections. Heavy series. Suitable for dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N nickel plated brass. Full port. Aluminium T-handle, yellow painted. 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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The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

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