

BALL VALVES

0615EN September 2017

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
AND NOT DANGEROUS GAS
FULL PORT - R950 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
R950X021	1/4"F (ISO 228) x 1/4"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X022	3/8"F (ISO 228) x 3/8"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X023	1/2"F (ISO 228) x 1/2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X024	3/4"F (ISO 228) x 3/4"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X025	1"F (ISO 228) x 1"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X026	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X027	1 1/2"F (ISO 228) x 1 1/2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball
R950X028	2"F (ISO 228) x 2"F (ISO 228)	Nickel plated brass	Lever	Red	DADO ball

Technical data

Main features and materials

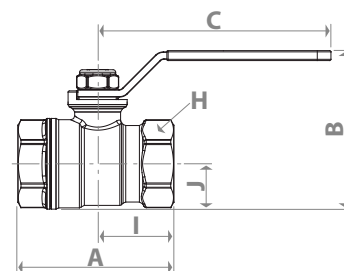
- Suitable for water for heating/cooling systems and not dangerous gas
- Full port
- Valve made of UNI EN 12165 CW617N nickel plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and red PVC coating
- 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" - 1 1/2" - 2"

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	43	17	6,9
R950X022	10	49	25	47	13	77	21	7,0
R950X023	15	60	30	53	16	77	26	13,3
R950X024	20	68	34	69	21	95	32	25,8
R950X025	25	81	41	77	25	95	41	50,9
R950X026	32	95	48	87	30	95	50	103
R950X027	40	104	52	107	36	137	55	147
R950X028	50	126	63	122	44	137	70	222



Product specifications

R950 - Red lever

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. 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".

BALL VALVES

0615EN September 2017

VALVE FOR DANGEROUS GAS AND LIQUID HYDROCARBONS
FULL PORT - R950 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
R950X001	1/4"F (Rp, EN 10226) x 1/4"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X002	3/8"F (Rp, EN 10226) x 3/8"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X003	1/2"F (Rp, EN 10226) x 1/2"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X004	3/4"F (Rp, EN 10226) x 3/4"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X005	1"F (Rp, EN 10226) x 1"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X006	1 1/4"F (Rp, EN 10226) x 1 1/4"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X007	1 1/2"F (Rp, EN 10226) x 1 1/2"F (Rp, EN 10226)	Nickel plated brass	Lever	Yellow	DADO ball
R950X008	2"F (Rp, EN 10226) x 2"F (Rp, EN 10226)	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
- Heavy series
- DADO ball

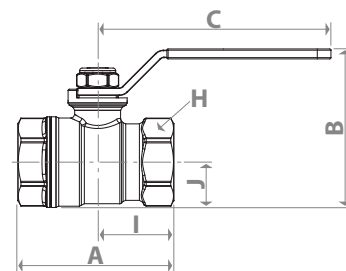
Field of applications

- 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]
R950X001	8	43	21	36	10	43	17
R950X002	10	49	25	47	13	77	21
R950X003	15	60	30	53	16	77	26
R950X004	20	68	34	69	21	95	32
R950X005	25	81	41	77	25	95	41
R950X006	32	95	48	87	30	106	50
R950X007	40	104	52	107	36	137	55
R950X008	50	126	63	122	44	137	70



Product specifications

R950 - Yellow lever

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. 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 or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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