R950

Ball valve for water for heating systems, full port

Energy Management

Datasheet
0615EN 06/2025

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	G 1/4"F x G 1/4"F	Nickel plated brass	Lever	Red	DADO ball
R950X022	G 3/8"F x G 3/8"F	Nickel plated brass	Lever	Red	DADO ball
R950X023	G 1/2"F x G 1/2"F	Nickel plated brass	Lever	Red	DADO ball
R950X024	G 3/4"F x G 3/4"F	Nickel plated brass	Lever	Red	DADO ball
R950X025	G 1"F x G 1"F	Nickel plated brass	Lever	Red	DADO ball
R950X026	G 1-1/4"F x G 1-1/4"F	Nickel plated brass	Lever	Red	DADO ball
R950X027	G 1-1/2"F x G 1-1/2"F	Nickel plated brass	Lever	Red	DADO ball
R950X028	G 2"F x G 2"F	Nickel plated brass	Lever	Red	DADO ball

Giacomini S.p.A.
Via per Alzo 39, 28017 San Maurizio d'Opaglio (NO) Italia
consulenza.prodotti@giacomini.com
+39 0322 923372 - giacomini.com

Technical data

Main features and materials

- Suitable for water for heating/cooling systems, not 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 red PVC coating
- Heavy series
- DADO ball

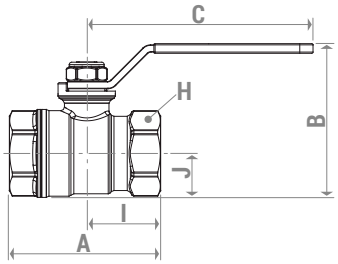
* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

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"
- Temperature range with liquid hydrocarbons*: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar)

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



Product specifications

R950

DADO ball valve, with female-female threaded connections. Heavy series. Suitable for water for heating/cooling systems, not 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 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". Temperature range with liquid hydrocarbons: -20÷60 °C. Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar).

Giacomini S.p.A.
Via per Alzo 39, 28017 San Maurizio d'Opaglio (NO) Italia
consulenza.prodotti@giacomini.com
+39 0322 923372 - giacomini.com