R910-U

Gas Distribution | Energy Management

Valve for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydrocarbons

Datasheet
0892EN 03/2020

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

NOTE. For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

Technical data

Main features and materials

- Suitable for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydrocarbons*
- Full port
- Valve made of UNI EN 12165 CW617N rough or nickel plated brass
- Stem with double O-Ring
- Steel lever handle with anti-corrosion treatment and PVC coating
- Nut with anti-corrosion coating, with guarantee seal and hologram
- DADO ball

Fields of applications

Use with water and not dangerous gas

- Min. working temperat.: 0 °F (-20 °C) with 50 % glycol solutions
- Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
- Max. work. pressure at 20 °C with water and not dangerous gas:
  4,2 MPa (42 bar) for 1/4", 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"

Use with gas and liquid hydrocarbons

- 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.*

GIACOMINI WATER E-MOTION

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Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR
R910UY001	1/4"NPT-F x 1/4"NPT-F	Brass	Lever	Red
R910UY003	1/2"NPT-F x 1/2"NPT-F	Brass	Large lever	Red
R910UY004	3/4"NPT-F x 3/4"NPT-F	Brass	Large lever	Red
R910UY005	1"NPT-F x 1"NPT-F	Brass	Large lever	Red
R910UY006	1-1/4"NPT-F x 1-1/4"NPT-F	Brass	Large lever	Red
R910UY007	1-1/2"NPT-F x 1-1/2"NPT-F	Brass	Large lever	Red
R910UY008	2"NPT-F x 2"NPT-F	Brass	Large lever	Red
R910UY009	2-1/2"NPT-F x 2-1/2"NPT-F	Brass	Lever	Red
R910UY010	3"NPT-F x 3"NPT-F	Brass	Lever	Red
R910UY011	4"NPT-F x 4"NPT-F	Brass	Lever	Red
R910UY023	1/2"NPT-F x 1/2"NPT-F	Brass	Large lever	Yellow
R910UY024	3/4"NPT-F x 3/4"NPT-F	Brass	Large lever	Yellow
R910UY025	1"NPT-F x 1"NPT-F	Brass	Large lever	Yellow
R910UY026	1-1/4"NPT-F x 1-1/4"NPT-F	Brass	Large lever	Yellow
R910UY027	1-1/2"NPT-F x 1-1/2"NPT-F	Brass	Large lever	Yellow
R910UY028	2"NPT-F x 2"NPT-F	Brass	Large lever	Yellow
R910UX002	3/8"NPT-F x 3/8"NPT-F	Nickel plated brass	Large lever	Red
R910UX003	1/2"NPT-F x 1/2"NPT-F	Nickel plated brass	Large lever	Red
R910UX004	3/4"NPT-F x 3/4"NPT-F	Nickel plated brass	Large lever	Red
R910UX005	1"NPT-F x 1"NPT-F	Nickel plated brass	Large lever	Red
R910UX006	1-1/4"NPT-F x 1-1/4"NPT-F	Nickel plated brass	Large lever	Red
R910UX007	1-1/2"NPT-F x 1-1/2"NPT-F	Nickel plated brass	Large lever	Red
R910UX008	2"NPT-F x 2"NPT-F	Nickel plated brass	Large lever	Red
R910UX023	1/2"NPT-F x 1/2"NPT-F	Nickel plated brass	Large lever	Yellow
R910UX024	3/4"NPT-F x 3/4"NPT-F	Nickel plated brass	Large lever	Yellow
R910UX025	1"NPT-F x 1"NPT-F	Nickel plated brass	Large lever	Yellow
R910UX026	1-1/4"NPT-F x 1-1/4"NPT-F	Nickel plated brass	Large lever	Yellow
R910UX027	1-1/2"NPT-F x 1-1/2"NPT-F	Nickel plated brass	Large lever	Yellow
R910UX028	2"NPT-F x 2"NPT-F	Nickel plated brass	Large lever	Yellow
R910UX029	2-1/2"NPT-F x 2-1/2"NPT-F	Nickel plated brass	Lever	Yellow
R910UX030	3"NPT-F x 3"NPT-F	Nickel plated brass	Lever	Yellow

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Dimensions

PRODUCT CODE	DN [mm]	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R910UY001	8	43	21	37	10	43	wr.17	**6,9**
R910UY003	15	57	28	53	16	77	wr.25	**13,3**
R910UY004	20	62	31	70	21	95	wr.32	**25,8**
R910UY005	25	76	38	78	25	95	wr.39	**50,9**
R910UY006	32	86	43	88	30	95	wr.47	**103**
R910UY007	40	97	48	109	37	137	wr.54	**147**
R910UY008	50	111	55	125	46	137	wr.67	**222**
R910UY009	65	153	76	170	58	187	wr.82	**336**
R910UY010	80	173	87	189	68	187	wr.96	**377**
R910UY011	100	217	108	242	88	257	wr.126	**645**
R910UY023	15	57	28	53	16	77	wr.25	**13,3**
R910UY024	20	62	31	70	21	95	wr.32	**25,8**
R910UY025	25	76	38	78	25	95	wr.39	**50,9**
R910UY026	32	86	43	88	30	95	wr.47	**103**
R910UY027	40	97	48	109	37	137	wr.54	**147**
R910UY028	50	111	55	125	46	137	wr.67	**222**
R910UX002	10	50	25	47	13	77	wr.21	**7,0**
R910UX003	15	57	28	53	16	77	wr.25	**13,3**
R910UX004	20	62	31	70	21	95	wr.32	**25,8**
R910UX005	25	76	38	78	25	95	wr.39	**50,9**
R910UX006	32	86	43	88	30	95	wr.47	**103**
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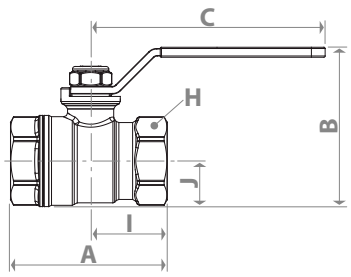
R910UX027	40	97	48	109	37	137	wr.54	**147**
R910UX028	50	111	55	125	46	137	wr.67	**222**
R910UX029	65	153	76	170	58	187	wr.82	**336**
R910UX030	80	173	87	189	68	187	wr.96	**377**



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Product specifications

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DADO ball valve, with female-female threaded connections (NPT, ASME B1.20.1). Suitable for water for heating/cooling systems, dangerous and not dangerous gas, liquid hydriocarbons. Valve made of UNI EN 12165 CW617N rough or nickel plated brass. Full port. Stem with double O-Ring. Steel lever handle with anti-corrosion treatment and PVC coating. Nut with anti-corrosion coating, with guarantee seal and hologram.
Use with water and not dangerous gas: Min. working temperat.: 0 °F (-20 °C) with 50 % glycol solutions. Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar). Max. work. 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"; 2,8 MPa (28 bar) for 2-1/2", 3", 4".
Use with gas and liquid hydrocarbons: 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).

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

ℹ Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

🗑 Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.

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