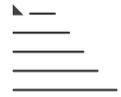


DR850



Energy
Management

Ball valve for water for heating systems, full port

Datasheet
0841EN 07/2021



DADO ball valve, with female-female threaded connections and anti-dezincification brass. Full port.



➤ Versions and product codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR	NOTES
DR850Y023	G 1/2"F x G 1/2"F	Brass	Lever	Red	Anti-dezincification brass, DADO ball
DR850Y024	G 3/4"F x G 3/4"F	Brass	Lever	Red	Anti-dezincification brass, DADO ball
DR850Y025	G 1"F x G 1"F	Brass	Lever	Red	Anti-dezincification brass, DADO ball
DR850Y026	G 1-1/4"F x G 1-1/4"F	Brass	Lever	Red	Anti-dezincification brass, DADO ball
DR850Y027	G 1-1/2"F x G 1-1/2"F	Brass	Lever	Red	Anti-dezincification brass, DADO ball
DR850Y028	G 2"F x G 2"F	Brass	Lever	Red	Anti-dezincification brass, DADO ball

➤ 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 CW602N (DZR) 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
- DADO ball

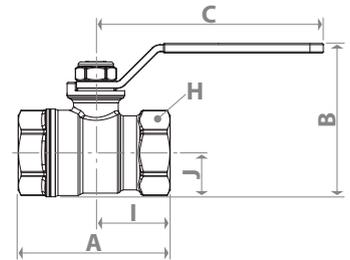
* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.

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:
3,5 MPa (35 bar) for 1/2", 3/4"
2,8 MPa (28 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
DR850Y023	15	53	27	51	16	77	wr.25	13,3
DR850Y024	20	60	30	67	20	95	wr.31	25,8
DR850Y025	25	74	37	76	25	95	wr.38	50,9
DR850Y026	32	84	42	85	29	95	wr.47	103
DR850Y027	40	95	47	104	35	137	wr.54	147
DR850Y028	50	109	54	120	43	137	wr.66	222



➤ Product specifications

DR850

DADO ball valve, with female-female threaded connections and anti-dezincification brass. Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons. Valve made of CW602N (DZR) 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: 3,5 MPa (35 bar) for 1/2", 3/4"; 2,8 MPa (28 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)

⚠ 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.