

## BALL VALVES

0841EN September 2017

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS  
AND NOT DANGEROUS GAS  
FULL PORT - DR850 SERIES

**GIACOMINI**  
WATER E-MOTION



### Descrizione

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	1/2"F (ISO 228) x 1/2"F (ISO 228)	Brass	Lever	Red	DZR brass, DADO ball
DR850Y024	3/4"F (ISO 228) x 3/4"F (ISO 228)	Brass	Lever	Red	DZR brass, DADO ball
DR850Y025	1"F (ISO 228) x 1"F (ISO 228)	Brass	Lever	Red	DZR brass, DADO ball
DR850Y026	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Brass	Lever	Red	DZR brass, DADO ball
DR850Y027	1 1/2"F (ISO 228) x 1 1/2"F (ISO 228)	Brass	Lever	Red	DZR brass, DADO ball
DR850Y028	2"F (ISO 228) x 2"F (ISO 228)	Brass	Lever	Red	DZR brass, DADO ball

### Technical data

#### Main features and materials

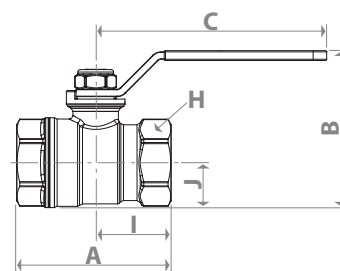
- Suitable for water for heating/cooling systems and not dangerous gas
- Full port
- Valve made of CW602N (DZR) brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and red PVC coating
- DADO ball

#### 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"

### 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	25	13,3
DR850Y024	20	60	30	67	20	95	31	25,8
DR850Y025	25	74	37	76	25	95	38	50,9
DR850Y026	32	84	42	85	29	95	47	103
DR850Y027	40	95	47	104	35	137	54	147
DR850Y028	50	109	54	120	43	137	66	222



### Product specifications

#### DR850

DADO ball valve, with female-female threaded connections and anti-dezincification brass. Suitable for water for heating/cooling systems and not dangerous gas. 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".

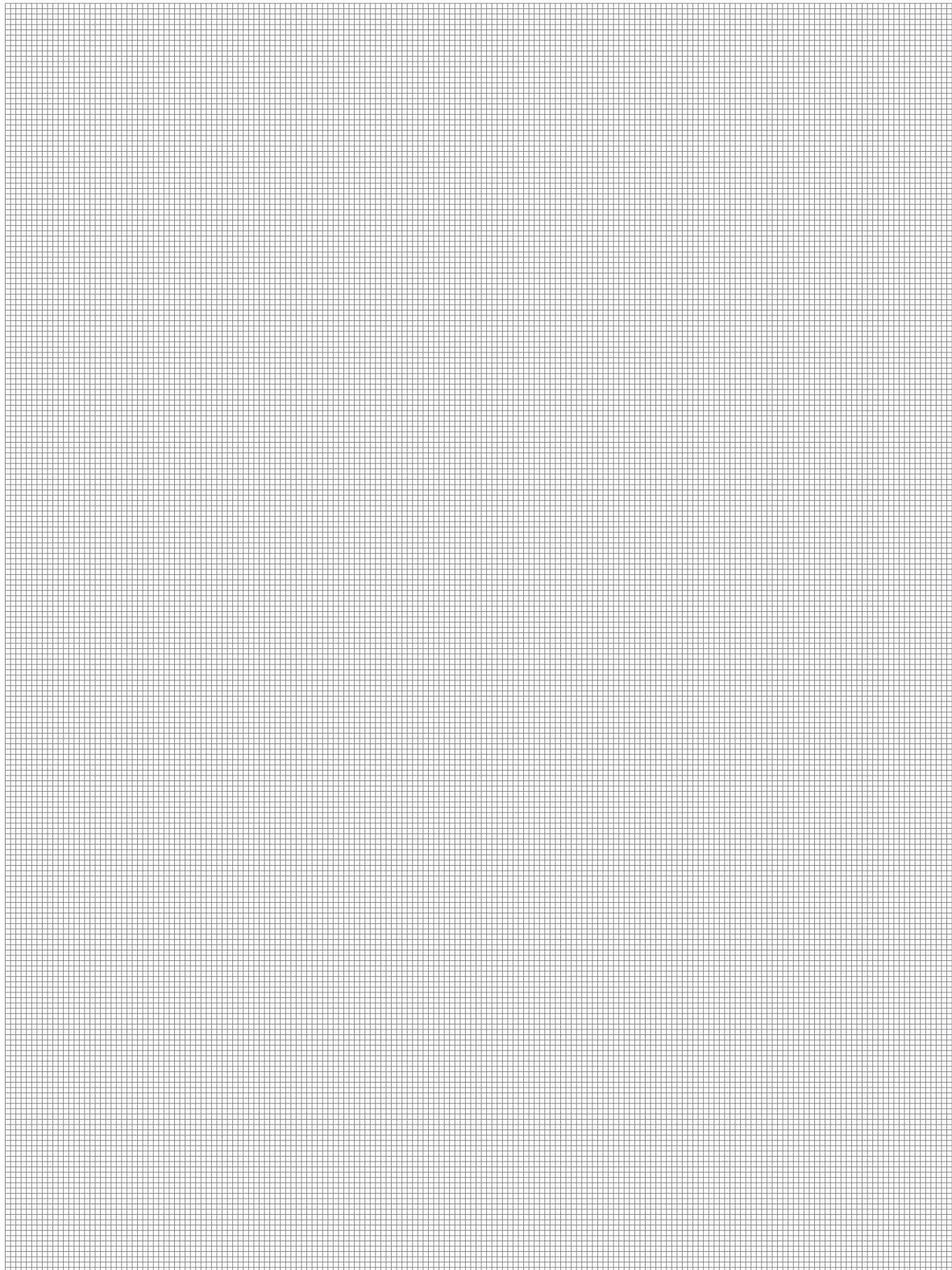
## BALL VALVES

0841EN September 2017

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS  
AND NOT DANGEROUS GAS  
FULL PORT - DR850 SERIES



**GIACOMINI**  
WATER E-MOTION



### 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)  
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.  
Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy