

BALL VALVES

0656EN 02/2021

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
NOT DANGEROUS GAS AND LIQUID HYDROCARBONS
STANDARD PORT - R258D SERIES

GIACOMINI
WATER E-MOTION



R258D

Description

Ball valve, with Sweat connections for copper pipes.
Standard port.



Warning.

The valve is suitable for connecting with metal pipes according to the process of soldering. This procedure does not damage the internal seals.

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color
R258Y002	Ø 15 x Ø 15	Brass	Lever	Red
R258Y004	Ø 18 x Ø 18	Brass	Lever	Red
R258Y005	Ø 22 x Ø 22	Brass	Lever	Red
R258Y006	Ø 28 x Ø 28	Brass	Lever	Red
R258Y007	Ø 35 x Ø 35	Brass	Lever	Red
R258Y012	Ø 15 x Ø 15	Brass	T-handle	Red
R258Y014	Ø 18 x Ø 18	Brass	T-handle	Red
R258Y015	Ø 22 x Ø 22	Brass	T-handle	Red
R258Y016	Ø 28 x Ø 28	Brass	T-handle	Red
R258Y017	Ø 35 x Ø 35	Brass	T-handle	Red

Technical data

Main features and materials

- Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons*
- Standard port
- Valve made of UNI EN 12165 CW617N 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 or aluminium T-handle, red painted

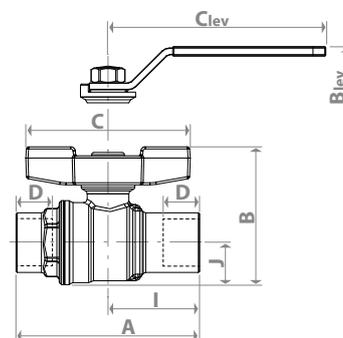
Field of applications

- 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 Ø 15, Ø 18, Ø 22
3,5 MPa (35 bar) for Ø 28, Ø 35
- Temperature range with liquid hydrocarbons*: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar)

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

Dimensions and Kv

Product code	DN	A [mm]	I [mm]	B _{lev} [mm]	B [mm]	J [mm]	C _{lev} [mm]	C [mm]	D [mm]	Kv
R258Y002	14	56	28	49	51	15	77	63	13	10,2
R258Y004	15	65	32	51	54	16	77	63	14	12,7
R258Y005	18	79	40	64	60	18	94	73	19	18,5
R258Y006	22	96	48	73	69	23	94	73	23	36,3
R258Y007	28	107	53	82	78	28	94	73	24	73,5
R258Y012	14	56	28	49	51	15	77	63	13	10,2
R258Y014	15	65	32	51	54	16	77	63	14	12,7
R258Y015	18	79	40	64	60	18	94	73	19	18,5
R258Y016	22	96	48	73	69	23	94	73	23	36,3
R258Y017	28	107	53	82	78	28	94	73	24	73,5



Product specifications

R258D

Ball valve, with Sweat connections for copper pipes. Suitable for water for heating/cooling systems, not dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N brass. Full port. Steel lever handle with anti-corrosion treatment and red PVC coating or aluminium T-handle, red painted. 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 Ø 15, Ø 18, Ø 22; 3,5 MPa (35 bar) for Ø 28, Ø 35. Temperature range with liquid hydrocarbons: -20÷60 °C. Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 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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The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

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