

## BALL VALVES

0643EN March 2020

VALVE SPECIFIC FOR DOMESTIC WATER  
FULL PORT - R859VT SERIES

**GIACOMINI**  
WATER E-MOTION



R859VT

### Description

Ball valve, with tail piece male-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water.

Full port.

### Versions and product codes

Product code	Connections	Tongs profile	Finishing	Handle type	Handle color	Notes
R859VY102	R 1/2" x Ø 18	V - SA - M	Brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R859VY103	R 1/2" x Ø 15	V - SA - M	Brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R859VY104	R 3/4" x Ø 22	V - SA - M	Brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R859VY105	R 1" x Ø 28	V - SA - M	Brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness
R859VY106	R 1-1/4" x Ø 35	V - SA - M	Brass	Extended T-handle	Green, red, blue plates	For pipes with high insulation thickness

### Technical data

#### Main features and materials

- Specific for domestic water
- Full port
- Valve made of UNI EN 12165 CW617N brass
- Stem with double O-Ring
- Double O-Ring (black) on the press fittings, complies with EN 681-1 standards
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Plastic extended T-handle, with green, red or blue plates
- Pressable with "V", "SA" or "M" profile tongs

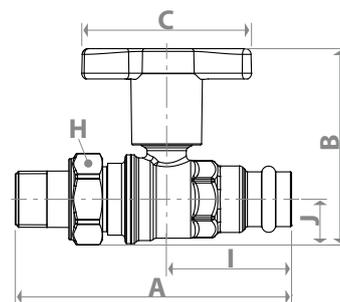


#### Field of applications

- Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time
- Max. working pressure at 20 °C with water and not dangerous gas:  
3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22  
2,8 MPa (28 bar) for Ø 28, Ø 35

### Dimensions and Kv

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R859VY102	15	112	50	81	17	78	wr.30	12,7
R859VY103	15	112	50	81	17	78	wr.30	12,7
R859VY104	20	127	57	91	21	78	wr.38	24,6
R859VY105	25	135	61	100	26	78	wr.46	48,5
R859VY106	32	150	65	108	30	78	wr.53	98,0



### Product specifications

#### R859VT

Ball valve, with tail piece male-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Valve made of UNI EN 12165 CW617N brass. Full port. Plastic extended T-handle, with green, red or blue plates. Stem with double O-Ring. Double O-Ring (black) on the press fittings, complies with EN 681-1 standards. Nut with anti-corrosion coating, with guarantee seal and hologram. Temperature range: 5÷110 °C, possibility of 120 °C for short periods of time. Max. working pressure at 20 °C with water and not dangerous gas: 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22; 2,8 MPa (28 bar) for Ø 28, Ø 35.

#### 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