

BALL VALVES

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PAIR OF BALL VALVES FOR WATER FOR HEATING/COOLING SYSTEMS AND NOT DANGEROUS GAS
STANDARD PORT - R285M SERIES



Description

Pair of ball valves with female-female nut connections, specific for circulator connections and pipes with high insulation thickness.

Brass check valve pre-assembled on the valve with the green handle.

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color	Note
R285MY011	G 1" F x Nut G 1-1/2" F	Brass	T-handle	Red (valve without check valve) Green (valve with check valve)	For circulator connection and pipes with high insulation thickness

Technical data

Main features and materials

- Suitable for heating/cooling systems and not dangerous gas
- Standard port
- Valve made of UNI EN 12165 CW617N brass
- Stem with double O-ring
- Nut with anti-corrosion covering, safety seal and hologram
- Extended aluminium T-handle, red and green painted
- Brass check valve preassembled on the valve with the green handle

Fields of applications

- Temperature range: -20÷110 °C (-20 °C with 50 % glycol solutions)
- Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)
- Max. differential pressure for release of check valve: 0,35 MPa (3,5 bar)
- Min. pressure for opening of check valve: 1 kPa (10 mbar)

Special brass check valve

Inside the valve with the green handle, there is a brass check valve. In normal operating conditions (with the valve fully open), the check valve prevents water from flowing back towards the circulator (Fig.1). By manoeuvring the T-handle towards the valve closure (clockwise), you can exclude the check valve function. From the $\alpha \approx 30^\circ$ position to the closure position, the check valve is disconnected, allowing the fluid to circulate in both directions (Fig.2).

This function may be handy in the event of system maintenance.

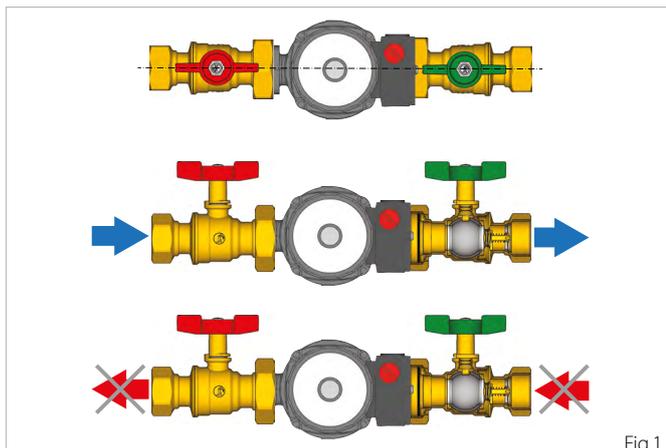


Fig.1

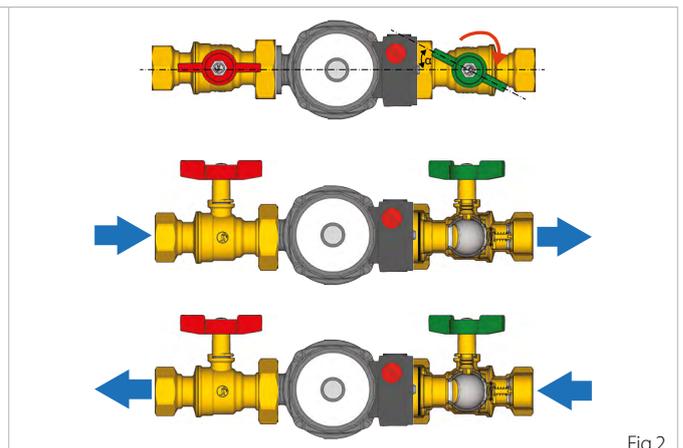
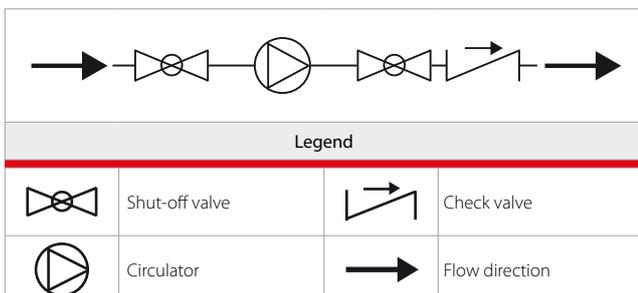


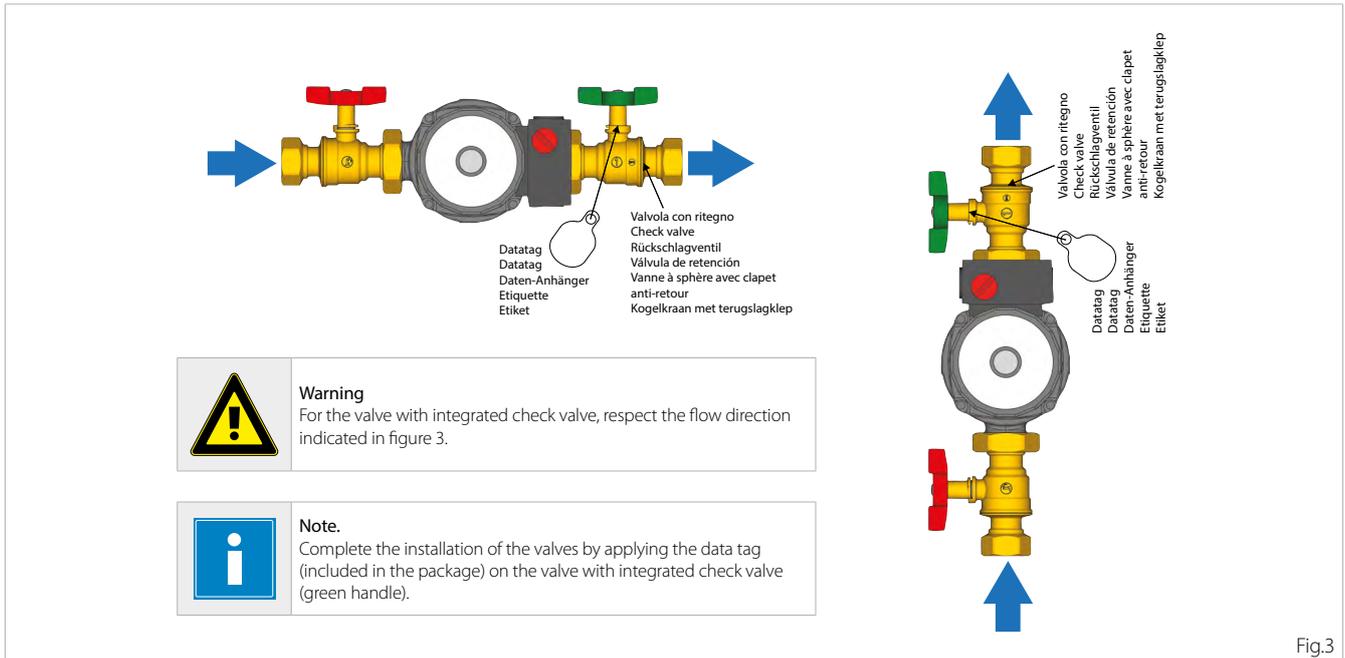
Fig.2

Flow scheme





Installation example



Warning
For the valve with integrated check valve, respect the flow direction indicated in figure 3.

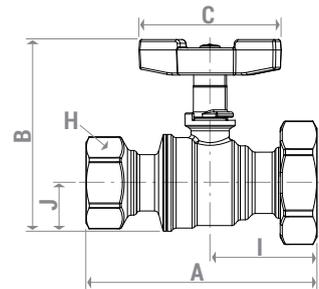


Note.
Complete the installation of the valves by applying the data tag (included in the package) on the valve with integrated check valve (green handle).

Fig.3

Dimensions and Kv

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv valve fully open without check valve (red T-handle)	Kv valve fully open with check valve (green T-handle)
R285MY011	22	110	51	92	23	73	wr.40	8,15	5,55



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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