G213SP

Ball valve with box, for domestic gas systems

EN 331   G213SP014

EN 331   G213SP024

Ball valve with flat seat male connections, for use with underfloor domestic gas systems.
Available in versions for horizontal/vertical installation or for installation with connections from below.
Complete with plastic box, adjustable plastic brackets, gaskets and plastic worksite protection. Standard port.

❯ Versions and product codes

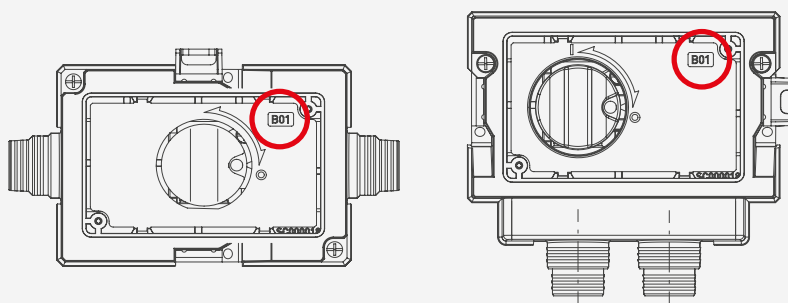| PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR	TYPE OF INSTALLATION	NOTES
G213SP014	G 3/4"M flat seat	Brass	Plastic knob	Yellow	Underfloor domestic gas systems	Horizontal or vertical installation
G213SP024	G 3/4"M flat seat	Brass	Plastic knob	Yellow	Underfloor domestic gas systems	Installation with connections from below

Completion codes

	PRODUCT CODE	DESCRIPTION
	G489PL011	White plate
	G489PL012	Chromo plate
	R180FY120	Straight fitting for copper pipe 3/4"F x 16
	R180FY121	Straight fitting for copper pipe 3/4"F x 18

	PRODUCT CODE	DESCRIPTION
	RM179Y263	Straight multitong press fitting for Multigas pipes 3/4"F x (16 x 2)
	RM179Y266	Straight multitong press fitting for Multigas pipes 3/4"F x (20 x 2)
	RM179Y269	Straight multitong press fitting for Multigas pipes 3/4"F x (26 x 6)

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✎ **NOTA.** Plates G489PL011 and G489PL012 <u>are not</u> compatible with the old valve version G213SP004.

✎ **NOTA.** Plates G489PL011 and G489PL012 are compatible only with valves G213SP014 and G213SP024; marked with the indication "B01" stamped on both the valve containment box and inside the plate.
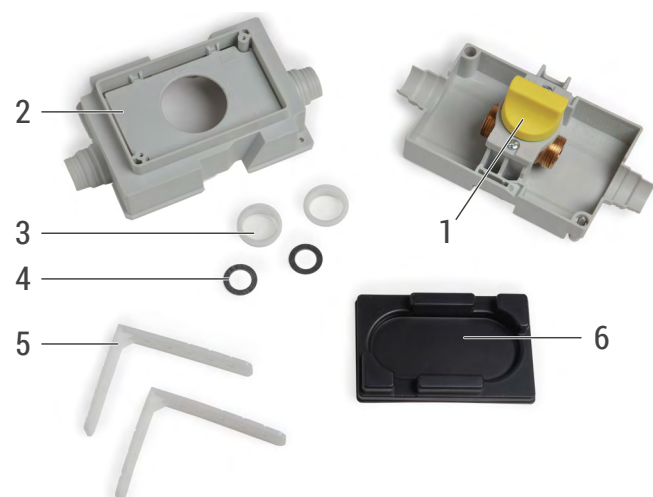

❯ Technical data

Main features and materials
- Suitable for underfloor domestic gas systems
- Suitable for gases of the first, second and third family (EN 437)
- Standard port
- Valve in UNI EN 12165 CW617N brass
- Plastic yellow handle
- EN 331 certified

Field of applications
- Temperature range: -20÷60 ˚C
- Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
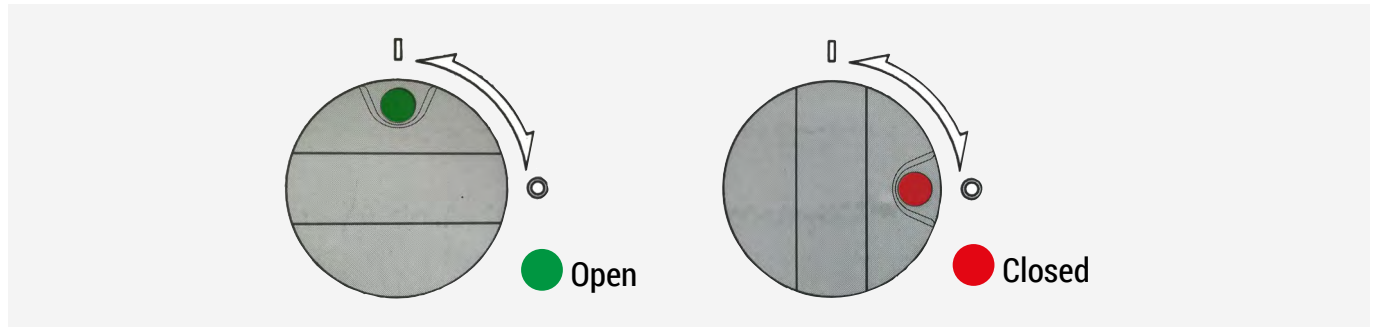- Resistance to high temperatures: class B 0,1; 650 ˚C for 30'

❯ Components

LEGEND	
1	Ball valve
2	Cover of the box
3	Protections for threaded connections
4	Gaskets
5	Ajustable plastic brackets
6	Plastic worksite protection

ISO 9001:15   ISO 14001:15   OHSAS 18001:07

❯ Operation

The G213SP valves are equipped with a plastic knob to open or close the sphere contained inside.
The condition of opening or closing of the valve is indicated by the color that can be seen through the hole on the knob: the green color indicates that the valve is open; the red color indicates that the valve is closed.

● Open   ● Closed

❯ Precautions

• Do not store/install in areas warmer than 60 °C.
• Do not install the valve in case of incompatibility between connections.
• Be sure the valve has the proper flow rate, given its final application.
• Install the valve in accordance with existing local and National Regulations as well as best customs and practice.
• Any damage to the valve or to any of its components, shall require the valve substitution.
• Any alteration executed to the valve or any of its components, leads to the product warranty to cease.

✎ **NOTE.** The manufacturer does not take any responsibility for the product misuse or for the missing interpretation of the present datasheet.
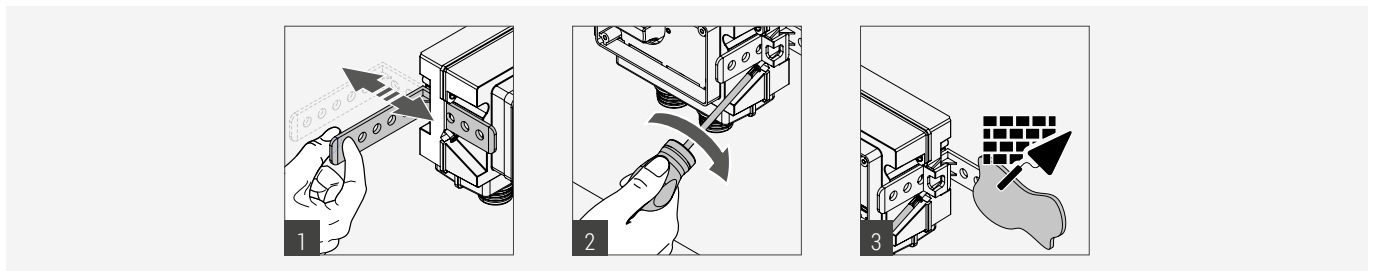
❯ Installation

⚠ **WARNING.** The G213SP are designed for connections to devices with rated power less than 35 kW.
Incorrect use of the devices may present a risk of explosion caused by leaking gas.

• Be sure before installation and first operation, that the valve does not come in contact with dirtiness.
• Use the proper assembly tools, without exceeding the standard recommended tightening torques.
• Use the proper sealant approved for gas use. An excessive amount of sealant for the threaded connections can lead to material stress or cracks.
• Be sure to verify the valve tightness after installation and the first operation.
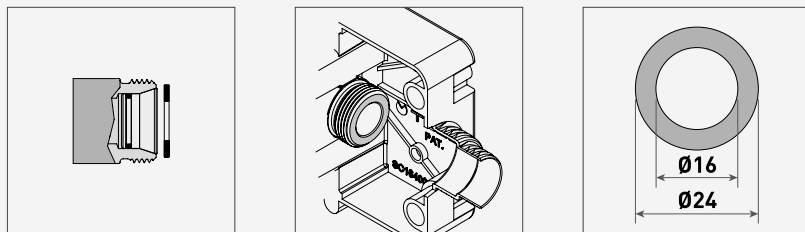
Adjustable fixing brackets
For an accurate installation, the valve is equipped with adjustable fixing brackets (included in the package) that allow a perfect positioning of the box. Once the correct position is located, the brackets can be fixed with the screws.
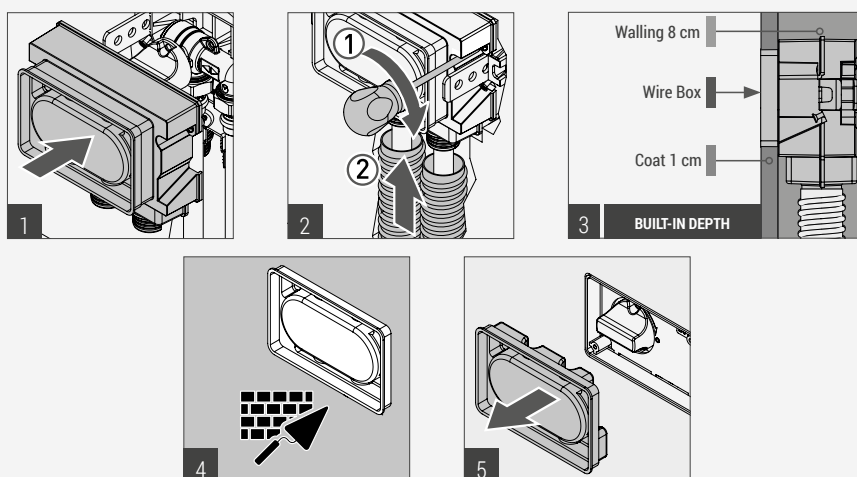
System connection for flat seat fittings
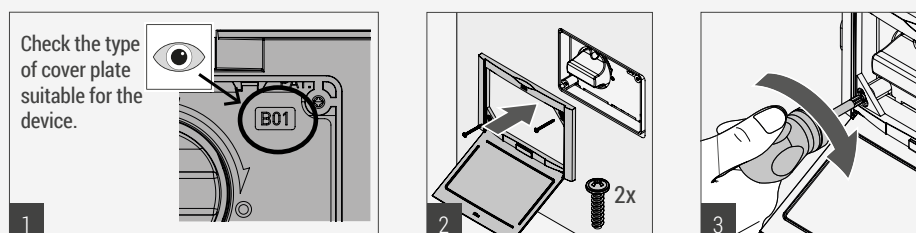
Connection for G3/4" flat seat fittings.

⚠ WARNING. The gasket supplied with is certificated for gas application according to DIN DVGW-G as acc. to DIN 3535.
The tightness is guaranteed when the joint has a 3 mm flat surface for the gasket. No imperfection is allowed.
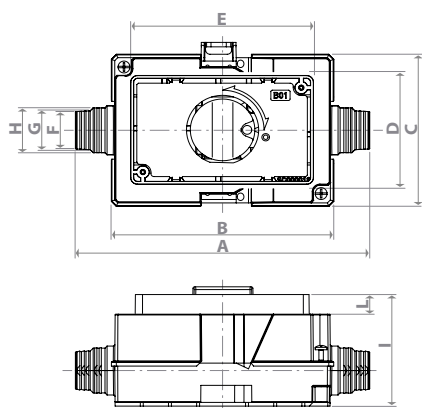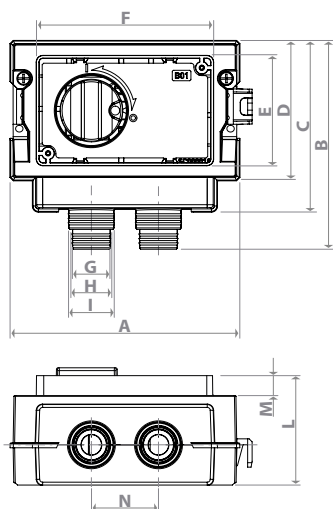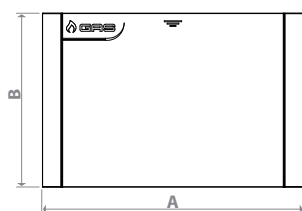
Box closing

Walling 8 cm
Wire Box
Coat 1 cm
BUILT-IN DEPTH

Assembly of the covering plate

Check the type of cover plate suitable for the device.

B01

2x

Dimensions

PRODUCT CODE	CONNEC-TIONS	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	L [mm]
G213SP014	G 3/4"M flat seat	199	150	102	74	119	Ø24	Ø28	Ø30	76	14

PRODUCT CODE	CONNEC-TIONS	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	L [mm]	M [mm]	N [mm]
G213SP024	G 3/4"M flat seat	154	140	115	94	74	119	Ø24	Ø28	Ø30	60	14	45

PRODUCT CODE	A [mm]	B [mm]
G489PL011	135	90
G489PL012	135	90

⟩ Product specifications

G213SP

Ball valve, with flat seat male connections, available in versions for horizontal/vertical installation or for installation with connections from below. Suitable for underfloor domestic gas systems. Suitable for gases of the first, second and third family (EN 437). Standard port. Complete of plastic box, adjustable plastic brackets, gaskets and plastic worksite protection. Valve made of UNI EN 12165 CW617N brass. Plastic yellow handle. Temperature range: -20÷60 ˚C. Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar). Resistance to high temperatures: class B 0,1; 650 ˚C for 30'. EN 331 certified.

G489

Plastic closing plate for G213SP valves. Available in white or chrome color.

GIACOMINI
WATER E-MOTION

ICIM
SISTEMA DI GESTIONE CERTIFICATO

ISO 9001:15 · ISO 14001:15 · OHSAS 18001:07