

R230

Gate valve



Energy
Management

Datasheet
0801EN 03/2023



Gate valve with Sweat connections.
Suitable for use with cold water, hot water and steam at low pressure.
It satisfies the requirements of PED 2014/68/UE Directive, according to which, it is exempted from CE marking according to 4.3 paragraph.

Versions and product codes

Copper pipe Europe connections

PRODUCT CODE	CONNECTIONS
R230Y002	Ø15
R230Y004	Ø18
R230Y005	Ø22
R230Y006	Ø28
R230Y007	Ø35

Copper pipe USA connections

PRODUCT CODE	CONNECTIONS
R230UY004	3/4"
R230UY005	1"
R230UY006	1-1/4"
R230UY007	1-1/2"
R230UY009	2-1/2"

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



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Technical data

Main features and materials

- Suitable for plumbing systems.
- Body: UNI EN 12165 - CW617N brass.
- Particulars in forged brass (UNI EN 12165 - CW617N) and machined from bar (UNI EN 12164 - CW614N).
- PTFE external sealing.
- Handwheel: alluminium.
- Zinc plated steel nut for fixing of the handwheel.

Field of applications

- Temperature range: 5÷110 °C (41÷230 °F)
- Max. working pressure:
16 bar / 232 psi (a 23 °C / 73 °F)
10 bar / 145 psi (a 95 °C / 203 °F)

Installation

Gate valves can be installed horizontally or vertically.

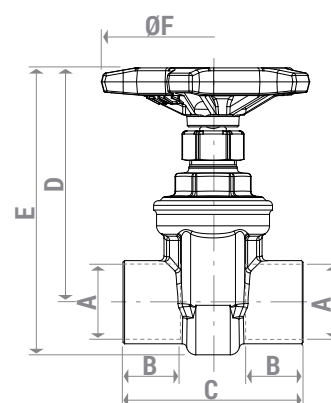
The slow and proportional manoeuvre avoid the water hammer phenomenon.

Pay attention during the installation phase avoiding forcing the pipe screwing and deforming the sealing seats.

Gate valves can also work in intermediate positions of the stroke, so as to parzialize the flow into pipes.

Dimensions and Kv

CONNECTIONS	ØB [mm]	C [mm]	D [mm]	E [mm]	ØF [mm]	Kv
Ø15	13	43	64	79	59	12
Ø18	15	48	64	79	59	36
Ø22	19	58	77	93	72	36
Ø28	23	68	87	107	72	61
Ø35	25	76	96	130	84	90
3/4"	19	58	77	93	72	36
1"	23	68	87	107	72	61
1 1/4"	25	76	96	130	84	90
1 1/2"	28	85	116	148	95	180
2 1/2"	38	120	186	233	145	400



Product specifications

R230

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⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

ℹ Additional information. For more information, go to giacomini.com or contact our technical assistance service. 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.

♻ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.