IMPARTE
EQUIPAMENTOS DE SEGURANÇA

ANEPC Registo 271

Technical Data Sheet

Designation **TEST AND DRAIN VALVE**

Brand **GCI** **Ref. No.** **VL115**

General Description

The test and drain valve is a compact, functional device developed to carry out both operational testing and draining in wet pipe sprinkler systems.
With an innovative design, it replaces traditional test assemblies with a single valve, optimising system installation and management and significantly speeding up assembly, especially in large installations with multiple test points.
This ball-type valve has three distinct positions: Off / Test / Drain, allowing:

- The system to be fully shut off;
- Sprinkler activation to be simulated through a calibrated orifice;
- The system to be fully drained, through the full nominal bore of the valve;

Made of high-strength cast brass, it also includes a sight glass for visually assessing water quality, making it a versatile and effective element in controlling system maintenance and operation.

Features

- Brass body;
- Chrome-plated ball;
- Threaded or grooved inlet/outlet;
- Working pressure 20.6bar/300psi;
- Ball valve with 3 positions closed/test/drain “Off, Test & Drain”;
- Steel handle with anti-corrosion treatment and red PVC coating;
- Polycarbonate sight glass;
- Durability, strength and excellent value for money;



Standards, certificates, marking and documentation

- Complies with the requirements of NFPA-13, NFPA13R and NFPA-13D and with FM and UL 258:2025;

How to order

- Ref. VL115_test and drain valve (specify inlet/outlet type) .



The illustrative images show the product(s) presented; however, they may differ slightly from the final product(s).

www.imparte.pt

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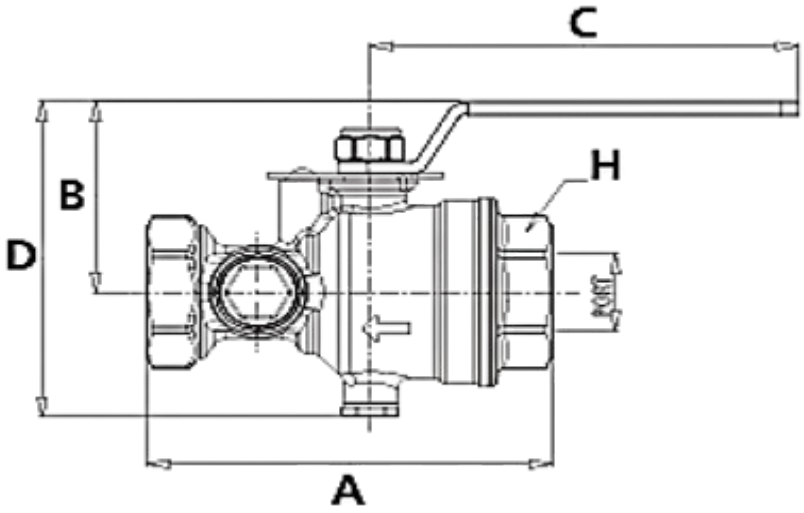
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Technical Drawing

Female NPT inlet and outlet [female x female]



	1" & 1 1/4"	2"
C (PLUG)	1/4"	1/4"
PORT	1 1/16"	1 12/16"
A	5 1/32"	6 6/32"
B	2 43/64"	4"
C	5 11/32"	6 26/32"
D	4 27/64"	6 21/64"
H	1 57/64"	2 40/64"



a/b	ORIFICE	K FACTOR
1"	3/8"	2.8
1"	7/16"	4.2
1"	1/2"	5.6
1"	17/32"	8.0
1 1/4"	3/8"	2.8
1 1/4"	7/16"	4.2
1 1/4"	1/2"	5.6
1 1/4"	17/32"	8.0
1 1/4"	5/8"	11.2
1 1/4"	3/4"	14.0
2"	7/16"	4.2
2"	1/2"	5.6
2"	17/32"	8.0
2"	5/8"	11.2
2"	3/4"	14.0
2"	15/16"	16.8
2"	1 5/64"	22.4
2"	1 9/64"	25.2

FM APPROVED UL LISTED 36Y7

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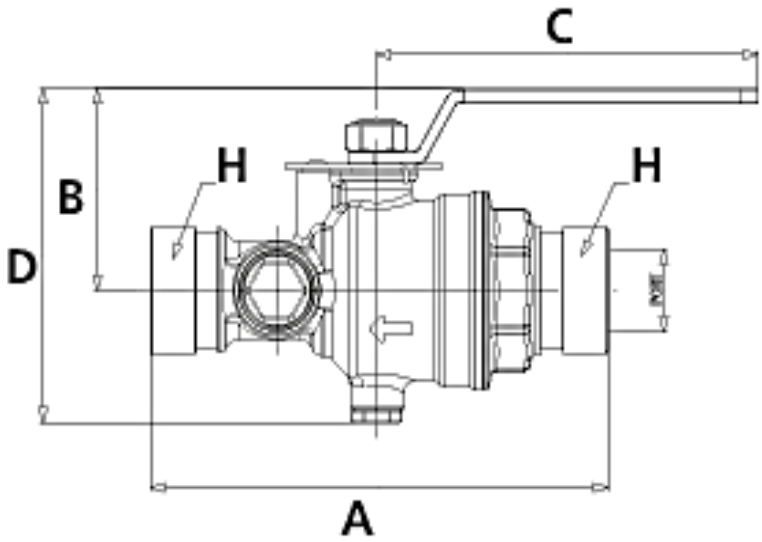
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Designation TEST AND DRAIN VALVE

Brand GCI **Ref. No.** VL115

Technical Drawing

Grooved inlet and outlet [groove x groove]



	1 1/4"	2"
C (PLUG)	1/4"	1/4"
PORT	1 1/16"	1 12/16"
A	6 13/32"	7 17/32"
B	2 43/64"	4"
C	5 11/32"	6 26/32"
D	4 27/64"	6 21/64"
H	1 1/4" GROOVE	2" GROOVE

a/b	ORIFICE	K FACTOR
1 1/4"	3/8"	2.8
1 1/4"	7/16"	4.2
1 1/4"	1/2"	5.6
1 1/4"	17/32"	8.0
1 1/4"	5/8"	11.0
1 1/4"	3/4"	14.0
2"	7/16"	4.2
2"	1/2"	5.6
2"	17/32"	8.0
2"	5/8"	11.2
2"	3/4"	14.0
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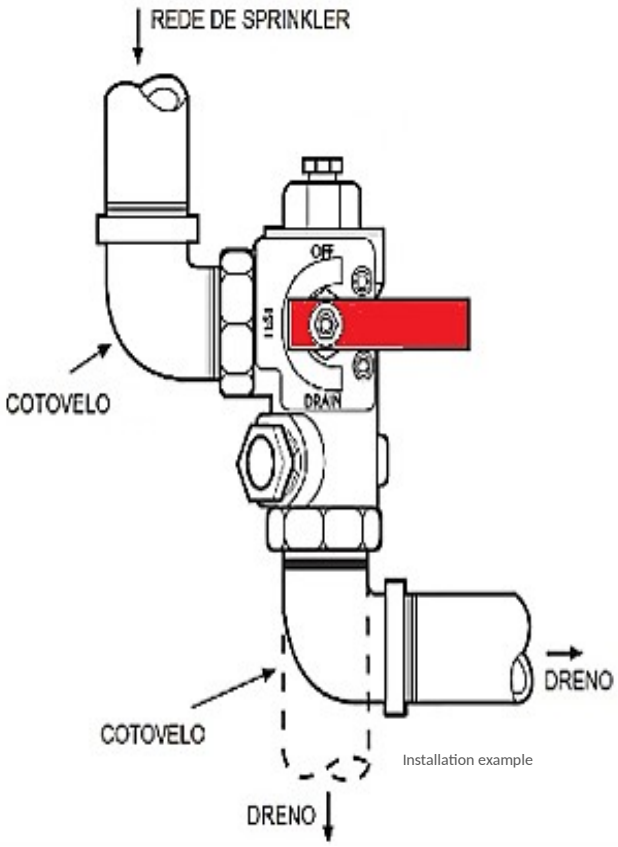
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Installation and Operation

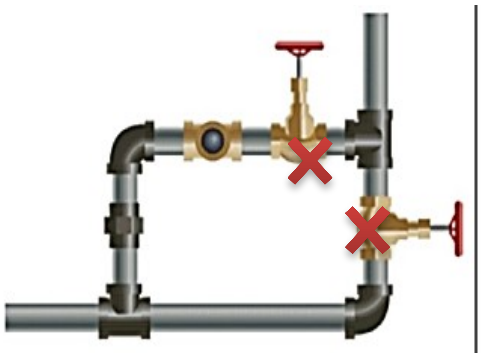


Installation example

Valve Operation

TEST Turn the valve handle to "TEST" on the indicator plate. When the test is complete, return the handle to the "Off" position

DRAIN Turn the handle to "DRAIN". When the system is empty, return the handle to the "Off" position





Replaces numerous test valves with a single valve, optimising system installation and management.

As an innovative company, IMPARTE S.A. reserves the right to change product specifications, models and standard equipment without prior notice and without incurring any obligation. For more information visit www.imparte.pt or contact our sales department.

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