A61

Test and drain valves

Fire Protection

Datasheet
0686EN 09/2025

A61
Threaded

A61
Groove

A61 Test and Drain valves for sprinkler systems combines the functions of test and drain for wet sprinkler systems.
A61 valves is made of DZR (dezincification resistant) brass body with chrome plated brass ball valve and PTFE seats.
The valves features a single handle with three working positions.
They include tamper resistant test orifice and sight glass for the visual control.
In compliance with the requirements of NFPA-13, NFPA13R and NFPA-13D and with FM and UL 258:2025 for fire protection applications with water.

Versions and product codes

SERIES	SIZE	TYPE
A61	1"	Rp, EN 10226 (F) x Rp, EN 10226 (F)
	1-1/4"	
	1-1/2"	
	2"	
	1"	NPT (F) x NPT (F)
	1-1/4"	
	1-1/2"	
	2"	
	1-1/4"	Groove x Groove
	2"	

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Technical data

- Suitable for fire protection applications with water
- Rated pressure: 300 psi (20,6 bar)

Materials
- Forged DZR UNI EN 12165 CW602N brass body
- Chrome plated ball
- Steel lever handle with anti-corrosion treatment and red PVC coating
- Valve seat in PTFE
- Indication disk in brass
- Sight glasses in polycarbonate

Approvals
- UL 258:2025
- FM

Orifice codes and K-factor

VALVES SIZE	SIZE	K FACTOR
1"	3/8"	2,8
	7/16"	4,2
	1/2"	5,6
	17/32"	8,0
1-1/4"	3/8"	2,8
	7/16"	4,2
	1/2"	5,6
	17/32"	8,0
	5/8"	11,2
	3/4"	14,0
1-1/2" 2"	7/16"	4,2
	1/2"	5,6
	17/32"	8,0
	5/8"	11,2
	3/4"	14,0
	15/16"	16,8
	1-5/64"	22,4
	1-9/64"	25,2

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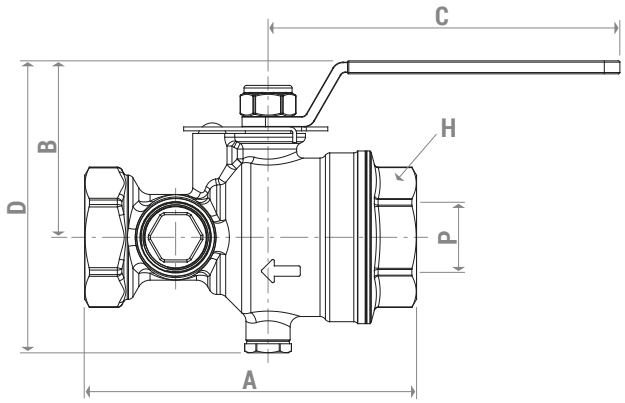
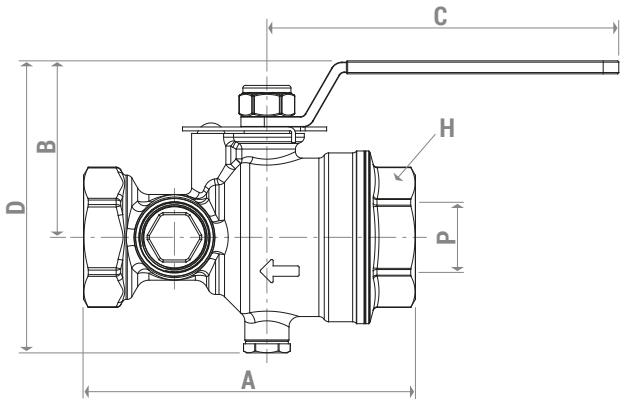
Dimensions

A61 (Rp-F x Rp-F)



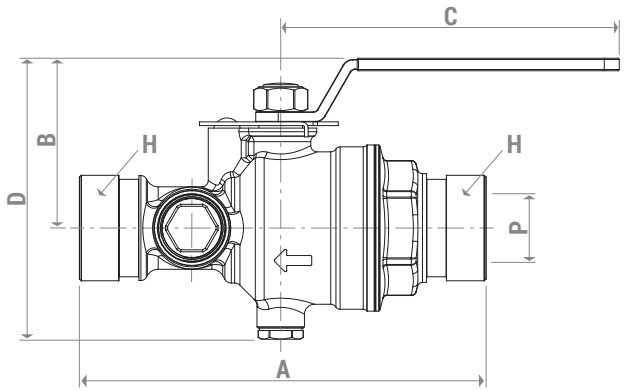
SIZE	C (PLUG)	P (PORT)	A	B	C	D	H
1"	1/4"	1-1/16"	5-1/18"	2-43/64"	5-11/32"	4-27/64"	1-57/64"
1-1/4"	1/4"	1-1/16"	5-7/16"	2-43/64"	5-11/32"	4-27/64"	1-57/64"
1-1/2"	1/4"	1-18/32"	6-3/16""	4"	6-26/32"	4-21/64"	2-40/64"
2"	1/4"	1-12/16"	6-21/32""	4"	6-26/32"	4-21/64"	2-40/64"

A61 (NPT-F x NPT-F)



SIZE	C (PLUG)	P (PORT)	A	B	C	D	H
1"	1/4"	1-1/16"	5-1/32"	2-43/64"	5-11/32"	4-27/64"	1-57/64"
1-1/4"	1/4"	1-1/16"	5-1/32"	2-43/64"	5-11/32"	4-27/64"	1-57/64"
1-1/2"	1/4"	1-18/32"	6-6/32"	4"	6-26/32"	6-21/64"	2-40/64"
2"	1/4"	1-12/16"	6-6/32"	4"	6-26/32"	6-21/64"	2-40/64"

A61 (Groove x Groove)



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

Product specifications

A61

Test and drain valve for sprinkler systems combines the functions of test and drain for wet sprinkler systems. In compliance with the requirements of NFPA-13, NFPA13R and NFPA-13D and with FM and UL 258:2025 for fire protection applications with water.

Main feature as following:

- Rp, EN 10226 threads 1", 1-1/4", 1-1/2", 2"
- NPT threads 1", 1-1/4", 1-1/2", 2"
- Groove connections 1-1/4", 2"
- Forged DZR UNI EN 12165 CW602N brass body
- Chrome plated brass ball
- PTFE seats
- Single handle ball valves with three working positions
- Tamper resistant test orifice and sight glass included.

⚠ 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.

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🗑 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.

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WATER E-MOTION

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