


A61
FEMALE x FEMALE
A61
GROOVE x GROOVE

Description

A61 Giacomini Test and Drain valve for sprinkler systems combines the functions of test and drain for wet sprinkler systems.

A61 valves have forged brass body with chrome plated brass ball valve and PTFE seats. The valves comply with the requirements of NFPA-13, NFPA-13R and NFPA-13D. The A61 valves are single handle ball valves with three working positions. They include tamper resistant test orifice and sight glass for the visual control.

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"	

Orifice codes

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
1-1/2" 2"	3/4"	14,0
	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

Technical data

- Rated pressure: 300 psi

Materials

- Forged brass body
- Chrome plated ball
- Steel handle
- Valve seat in PTFE
- Indication disk in brass
- Sight glasses in polycarbonate

Approvals



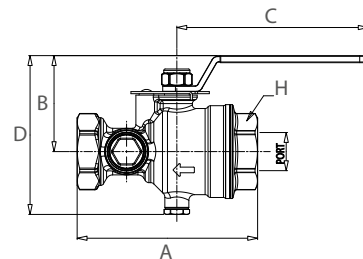
1", 1-1/4", 2"



1", 1-1/4", 1-1/2", 2"

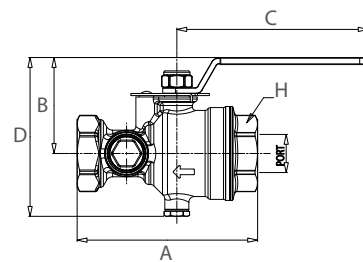
Dimensions

A61 - FEMALE Rp x FEMALE Rp



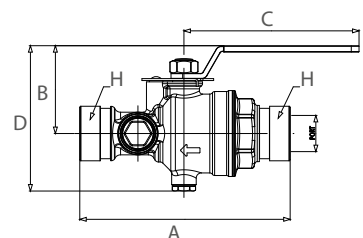
Size	C (plug)	PORT	A	B	C	D	H
1"	1/4"	1-1/16"	5-1/18"	2-43/64"	5-11/32"	4-27/64"	1-57/64"
1 1/4"	1/4"	1-1/16"	5 7/16"	2-43/64"	5-11/32"	4-27/64"	1-57/64"
1 1/2"	1/4"	1-18/32"	6-3/16"	4"	6-26/32"	6-21/64"	2-40/64"
2"	1/4"	1-12/16"	6-21/32"	4"	6-26/32"	6-21/64"	2-40/64"

A61 - FEMALE NPT x FEMALE NPT



Size	C (plug)	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)	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. complies with the requirements of NFPA-13, NFPA-13R and NFPA-13D and is FM approved (excluding 1-1/2" size) and UL listed (all sizes).

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 brass body
- Chrome plated brass ball
- PTFE seats.
- Single handle ball valves with three working positions
- Tamper resistant test orifice and sight glass included

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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The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy

Model A61

Product Description

Model No	Nominal Pipe Size		K-Factor	Rated Working Pressure		Remarks
	in	(mm)		psi	(kPa)	
A61	1	(25)	2.8, 4.2, 5.6, 8.0	300	(2065)	a
A61	1 1/4	(32)	2.8, 4.2, 5.6, 8.0, 11.2, 14.0	300	(2065)	a, b
A61	2	(50)	4.2, 5.6, 8.0, 11.2, 14.0, 16.8, 22.4, and 25.2	300	(2065)	a, b

Remarks:

- a. Devices supplied with female NPT or BSPP threaded end connections.
b. Devices supplied with grooved end connections.

Details

Category	Sprinkler System Alarm Testers
Class of Work	1625 - Branch Line Testers
Approval Standard	FM 1625 - Sprinkler System Alarm Test Devices
Certification Type	FM Approved
Listing Country	Italy

Company

Giacomini SpA
Via per Alzo 39, 28017 San Maurizio d'Opaglio (NO) Italy
<http://giacomini.com>



Model A61

File Number: EX4430

COMPANY
GIACOMINI SPA
VIA PER ALZO 39
S MAURIZIO D'OPAGLIO, NO 28017 Italy

MODEL INFO
A61

NOTES

The fittings are provided with two threaded female (NPT per ASME B1.20.1 or BSPP per EN 10226-1) or grooved end configurations.

PRODUCT INFORMATION

Size, in.	Nominal K-Factor, gpm/v(psi) [L/min/v(kPa)]	Rated Pressure, psi (kPa)
1	2.8 (4), 4.2 (6), 5.6 (8), 8 (11.5), 14 (20)	300 (2070)
1-1/4	2.8 (4), 4.2 (6), 5.6 (8), 8 (11.5), 11.2 (16), 14 (20)	300 (2070)
1-1/2	4.2 (6), 5.6 (8), 8 (11.5), 11.2 (16), 14 (20), 16.8 (24), 22.4 (32), 25.2 (36)	300 (2070)
2	4.2 (6), 5.6 (8), 8 (11.5), 11.2 (16), 14 (20), 16.8 (24), 22.4 (32), 25.2 (36)	300 (2070)

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