



## 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 complies 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)<br>x<br>Rp, EN 10226 (F) |
|        | 1-1/4" |   |
|        | 1-1/2" |   |
|        | 2"     |   |
|        | 1"     | NPT (F)<br>NPT (F)                        |
|        | 1-1/4" |   |
|        | 1-1/2" |   |
|        | 2"     |   |
|        | 1-1/4" | Groove<br>x<br>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"      | 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     |
| 2"          | 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](http://www.giacomini.com) or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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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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Feedback



Sprinkler System Components | Branch Line Alarm Testers | **Sprinkler System Alarm Testers**

## Model A61

### Product Description

#### Product Specification

| 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

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

## Company

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