TEST & DRAIN VALVE

Model A61



Female NPT x Female NPT



Groove x Groove

PRODUCT DESCRIPTION

The Test & Drain Valve model A61 from AG Fire Sprinkler for sprinkler systems combines the functions of test and drain for wet sprinkler systems.

A61 valves have forged brass body with chrome plate 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.

Main feature as following:

- Single handle ball valves with three working positions.
- Tamper resistant test orifice and sight glass included.

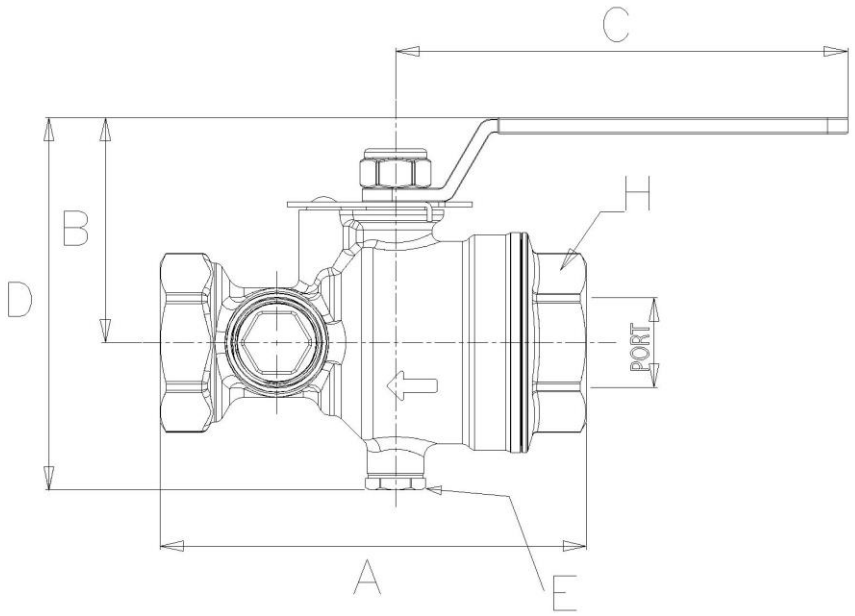
TECHNICAL DATA

Model	A61
Sizes	1” DN25 1 ¼” DN32 2” DN50
End connections	Thread female NPT: 1” – 1 ¼” – 2” Groove: 1 ¼” – 2”
Materials	Body: Forged brass Ball: Chrome plated Handle: Steel Valve seat: PTFE Indication disk: Brass Sight glasses: Polycarbonate
Rated pressure	300 psi (21 bar)
Finish	Natural

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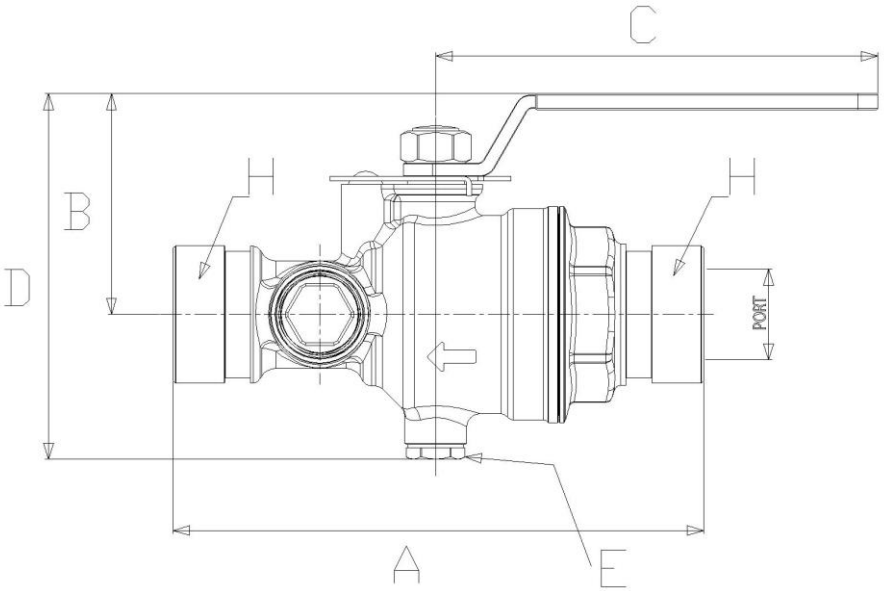
DIMENSIONS

A61 – THREAD FEMALE NPT x THREAD FEMALE NPT



SIZE	C (inch)	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 ¼”	1/4"	1 1/16”	5 1/32”	2 43/64”	5 11/32”	4 27/64”	1 57/64”
2”	1/4"	1 12/16”	6 6/32”	4”	6 21/64”	6 21/64”	2 40/64”

A61 – GROOVE x GROOVE



SIZE	C (inch)	PORT	A	B	C	D	H
1 ¼”	1/4"	1 1/16”	5 1/32”	2 43/64”	5 11/32”	4 27/64”	1 1/4” Grooved
2”	1/4"	1 12/16”	6 6/32”	4”	6 21/64”	6 21/64”	2” Grooved

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VERSIONS AND PRODUCT CODES

MODEL	SIZE	END CONNECTION
A61	1"	Female thread NPT x Female thread NPT
	1 1/4"	
	2”	
	1 1/4"	Groove x Groove
	2”	

VALVE SIZE	SIZE	K FACTOR
1”	3/8"	K40 (2,8)
	7/16"	K60 (4,2)
	1/2”	K80 (5,6)
	17/32"	K115 (8,0)
1 ¼”	3/8”	K40 (2,8)
	7/16”	K60 (4,2)
	1/2"	K80 (5,6)
	17/32”	K115 (8,0)
	5/8”	K160 (11,2)
	3/4"	K200 (14,0)
2”	7/16”	K60 (4,2)
	1/2"	K80 (5,6)
	17/32”	K115 (8,0)
	5/8”	K160 (11,2)
	3/4"	K200 (14,0)
	15/16”	K245 (16.8)
	15,/64”	K320 (22,4)
	19/64”	5365 (25,2)

ORDERING INFORMATION

SIZE	K FACTOR	THREAD	GROOVE
1” DN25	K40 (2.8)	VT025RO040	
	K60 (4.2)	VT025RO060	
	K80 (5.6)	VT025RO080	
	K115 (8.0)	VT025RO115	
1 ¼” DN32	K40 (2.8)	VT032RO040	VT032RA040
	K60 (4.2)	VT032RO060	VT032RA060
	K80 (5.6)	VT032RO080	VT032RA080
	K115 (8.0)	VT032RO115	VT032RA115
	K160 (11.2)	VT032RO160	VT032RA160
	K200 (14)	VT032RO200	VT032RA200
2” DN50	K60 (4.2)	VT050RO060	VT050RA060
	K80 (5.6)	VT050RO080	VT050RA080
	K115 (8.0)	VT050RO115	VT050RA115
	K160 (11.2)	VT050RO160	VT050RA160
	K200 (14)	VT050RO200	VT050RA200
	K245 (17)	VT050RO245	VT050RA245
	K320 (22)	VT050RO320	VT050RA320
	K365 (25)	VT050RO365	VT050RA365

Specify:

Model	
Size	
K Factor	
End connections	
Quantity	

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AG FIRE SPRINKLER

AG Fire Sprinkler offers a wide selection of components. Then a list of products is presented by AG Fire Sprinkler, we can offer all these components, made with precision to protect people, anywhere, anytime.

- Sprinklers
  - Standard Coverage
  - Extended Coverage
  - Storage
  - Dry
  - Accessories
- System Valves
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories
- Spray System Open Nozzles
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles
- Foam equipment
  - Tanks
  - Proportioners
  - Foam Discharge Equipment
  - Foam Concentrates
- Deluge equipment for Water Spray and Foam
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves
- Monitors
  - Manual Monitors
  - Remote Monitors
  - Monitor Nozzles
  - Towers and Trolleys
- Valves
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections

The equipment presented in this data sheet is to be installed in accordance with the latest published Standards of the national fire protection association (NFPA), FM Global, LPCB, VdS or other similar organizations, also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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