



Test and Drain Valve A61

Product Description

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.

Product Specifications

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.

Connections

- RP (BSP) 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"

Technical Specification

- 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.

Maximum Working Pressure

- 20.7 bar (300 psi)

Approvals

- FM
- UL 258: 2025

Materials

Components	Material
Body	Brass
Ball	Chrome plated
Leaver	Steel
Valve seat	PTFE
Sight glass	Poly carbonate

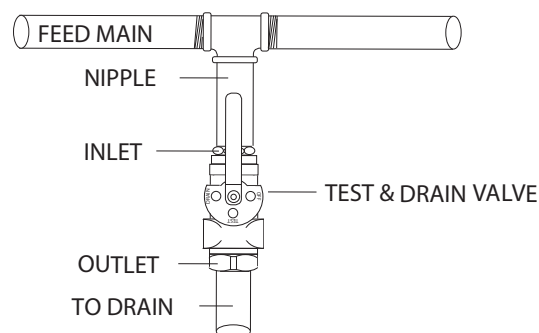


A61 Threaded



A61 Grooved

A61 is a drain and test fitting for use as special type drain fitting for Fire Protection Service in accordance with Standard for Installation of Sprinkler System.



1. Direction of the flow to "drain" or to "test" shall comply with the direction of the arrows.
2. Sight glasses shall be located downstream.
3. Thread or groove pipe nipple into the inlet of the valve.
4. Thread or groove pipe nipple and valve into the outlet on the feed main.
5. Thread or groove piping from outlet of the valve to drain.

Valve operating instructions

1 TO TEST

Turn valve handle to "TEST" on the indicating plate.
After test is completed return handle to "OFF" position.

2 TO DRAIN

Turn handle to "DRAIN".
When system is empty return handle to "OFF" position.



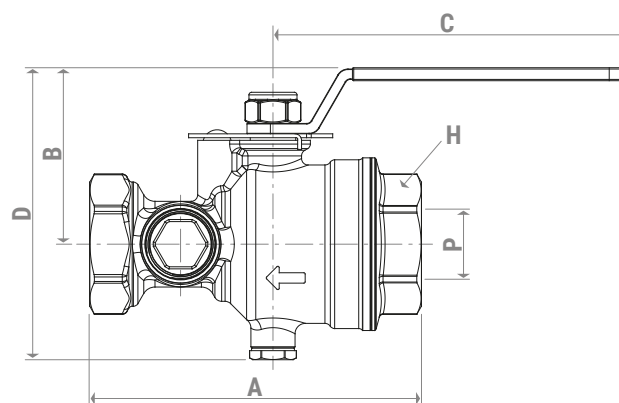
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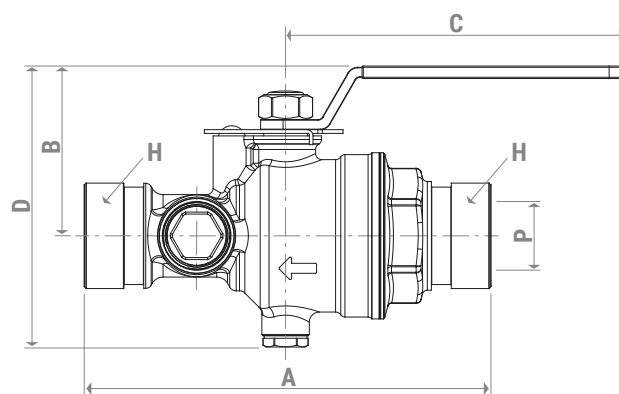
Female x Female RP (BSP) Valves

Size	Plug	Port	A mm	B mm	C mm	D mm	H mm
DN25	6	27	128	68	136	112	48
DN32	6	27	128	68	136	112	48
DN40	6	29	155	100	170	108	65
DN50	6	29	157	100	173	109	67



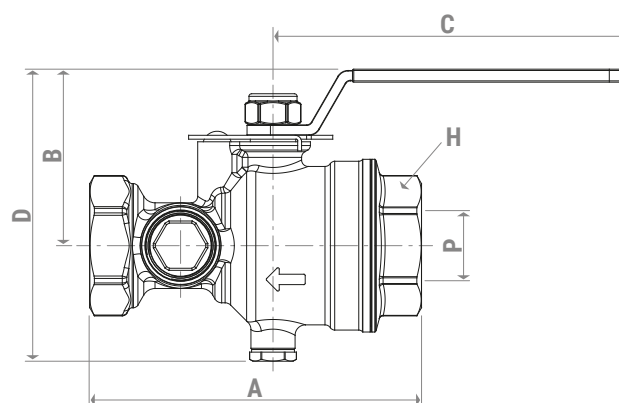
Groove x Groove Valves

Size	Plug	Port	A mm	B mm	C mm	D mm	H mm
DN32	6	27	163	68	136	112	32 Groove
DN50	6	45	191	100	173	161	50 Groove



Female x Female NPT Valves

Size	Plug	Port	A mm	B mm	C mm	D mm	H mm
DN25	6	27	128	68	136	112	48
DN32	6	27	128	68	136	112	48
DN40	6	29	155	100	170	160	67
DN50	6	29	157	100	173	160	67





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Ordering Codes

K factor (Metric)	K Factor (Imperial)	Connection Type	DN25	DN32	DN40	DN50
K40	K2.8	BSP	RDA61DRY101	-	-	-
		Grooved	-	-	-	-
		NPT	RDA61DRY001	RDA61DRY002	-	-
K57	K4.2	BSP	RDA61DRY103	RDA61DRY104	-	RDA61DRY130
		Grooved	-	-	-	RDA61DRY080
		NPT	RDA61DRY003	RDA61DRY004	-	-
K80	K5.6	BSP	RDA61DRY105	RDA61DRY106	RDA61DRY122	RDA61DRY132
		Grooved	-	RDA61DRY056	-	RDA61DRY082
		NPT	RDA61DRY005	RDA61DRY006	-	RDA61DRY032
K115	K8.0	BSP	RDA61DRY115	RDA61DRY116	-	RDA61DRY133
		Grooved	-	RDA61DRY058	-	RDA61DRY083
		NPT	RDA61DRY015	RDA61DRY016	RDA61DRY023	RDA61DRY033
K160	K11.2	BSP	-	RDA61DRY112	RDA61DRY124	RDA61DRY134
		Grooved	-	RDA61DRY062	-	RDA61DRY084
		NPT	-	RDA61DRY012	RDA61DRY024	RDA61DRY034
K200	K14.0	BSP	RDA61DRY109	-	-	RDA61DRY135
		Grooved	-	-	-	RDA61DRY085
		NPT	RDA61DRY009	RDA61DRY010	-	RDA61DRY035
K240	K16.8	BSP	-	-	-	RDA61DRY136
		Grooved	-	-	-	RDA61DRY086
		NPT	-	-	-	RDA61DRY036
K320	K22.4	BSP	-	-	-	RDA61DRY137
		Grooved	-	-	-	RDA61DRY087
		NPT	-	-	-	RDA61DRY037
K362	K25.2	BSP	-	-	-	RDA61DRY138
		Grooved	-	-	-	RDA61DRY088
		NPT	-	-	-	RDA61DRY038