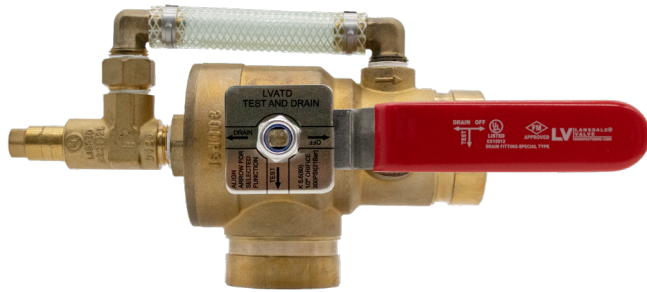


TRIM VALVES

GXG ANGLE TEST & DRAIN PRV

MODEL LVATD-R



Product Overview

The Model LVATD-R Grooved Angle Test & Drain Valve with PRV is a multi-functional device designed to combine testing, draining, and shutoff ("off" position) functions into a single compact assembly, eliminating the need for multi-component, field-assembled test and drain arrangements. It features grooved inlet and outlet connections for quick and convenient installation.

When placed in the Test position, the valve directs water through an internal restricted K-factor orifice that simulates the flow of a single activated sprinkler, allowing contractors to test waterflow alarms and flow switches without discharging large volumes of water. When moved to the Drain position, the valve opens a full-port drainage path to quickly evacuate water from the system for maintenance, system modifications, or winterization. This angle test and drain valve includes a sight glass for maximum visibility during testing and draining.

The Grooved Angle Test & Drain Valve is UL Listed and FM Approved for service up to 300 psi and is supplied with the Model LVAPR Adjustable Pressure Relief Valve attached, which is UL Listed for service up to 300 psi.



Material Specifications

Body, Cap, Ball, Stem, Retaining Ring
C37700 Brass

Stem O-Ring, Sight Glass Washer
NBR

Seat
PTFE

Lever, Indicator Plate, Nut
Stainless Steel

Sight Glass
Lexan

LVAPR Adjustable Pressure Relief Valve
See Model LVAPR Submittal Sheet

Inlet/Outlet Connections

Grooved to AWWA C606, UL 213C

Valve Sizes

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

Orifice Options

Standard: 1/2" (5.6K)

Optional: 3/8" (2.8K), 7/16" (4.2K), 17/32"
(8.0K), 5/8" (11.2K ELO), 3/4" (14.0K ESFR),
25.2K

Maximum Working Pressure

300 psi

Pressure Relief Valve Range

175-300 PSI (field adjustable)

Approvals

UL Listed (File No. EX15912, EX28625)
FM Approved

Conformance

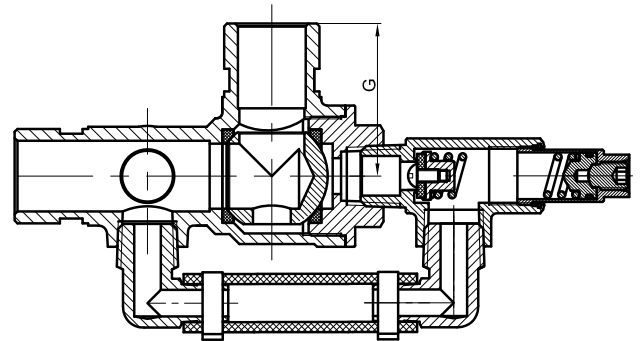
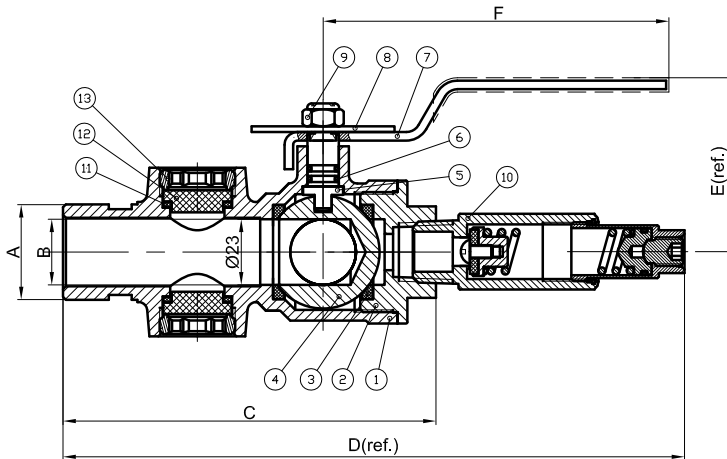
NFPA 13

PROJECT INFORMATION		APPROVAL STAMP
Project:		☐ Approved
Address:		☐ Approved as noted
Contractor:		☐ Not approved
Engineer:		Remarks:
Submittal Date:		
Notes 1:		
Notes 2:		

TRIM VALVES

GXG ANGLE TEST & DRAIN PRV

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GXG Angle Test & Drain PRV - Model LVATD-R

Part Number	Grv Size (In.)	K-Factor	Orifice Size (In.)
700-400-02020	1	2.8	3/8
700-400-02060	1	4.2	7/16
700-400-02100	1	5.6	1/2
700-400-02140	1	8.0	17/32
700-400-02180	1	11.2	5/8
700-400-02025	1-1/4	2.8	3/8
700-400-02065	1-1/4	4.2	7/16
700-400-02105	1-1/4	5.6	1/2
700-400-02145	1-1/4	8.0	17/32
700-400-02185	1-1/4	11.2	5/8
700-405-00800	1-1/4	14.0	3/4
700-400-02030	1-1/2	2.8	3/8
700-400-02070	1-1/2	4.2	7/16
700-400-02110	1-1/2	5.6	1/2
700-400-02150	1-1/2	8.0	17/32
700-400-02190	1-1/2	11.2	5/8
700-405-00820	1-1/2	14.0	3/4
700-405-00900	1-1/2	25.2	25.2k
700-400-02035	2	2.8	3/8
700-400-02075	2	4.2	7/16
700-400-02115	2	5.6	1/2
700-400-02155	2	8.0	17/32
700-400-02195	2	11.2	5/8
700-405-00840	2	14.0	3/4
700-405-00920	2	25.2	25.2k

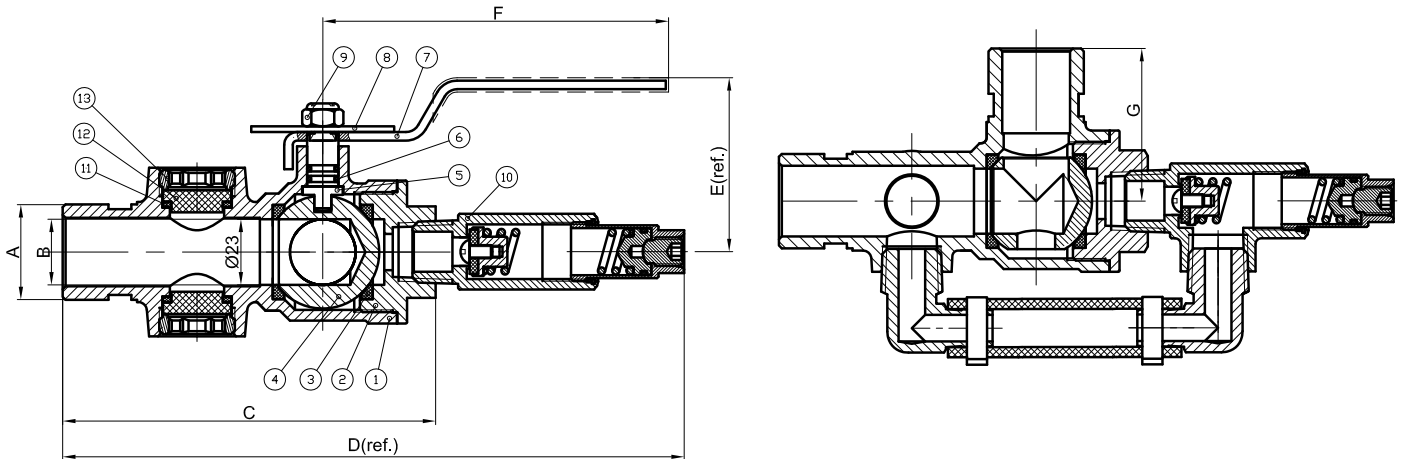
GXG Angle Test & Drain PRV - Model LVATD-R

A	B	C	D (ref.)	E	F	G
1.315	0.91	5.14	8.54	2.40	4.76	2.13
1.660	1.18	5.41	8.82	2.83	5.55	2.36
1.900	1.50	5.55	9.37	3.22	6.34	2.60
2.375	1.85	6.26	9.69	3.43	6.34	2.83

TRIM VALVES

GXG ANGLE TEST & DRAIN PRV

MODEL LVATD-R



GXG Angle Test & Drain PRV - Model LVATD-R		
NO.	Component	Material
1	Body	C37700 Brass
2	Cap	C37700 Brass
3	Seat	PTFE
4	Ball	C37700 Brass
5	Stem	C37700 Brass
6	Stem O-Ring	NBR
7	Lever	Stainless Steel
8	Indicator Plate	Stainless Steel
9	Nut	Stainless Steel
10	Adjustable Relief Valve	C37700 Brass
11	Sight Glass Washer	NBR
12	Sight Glass	Lexan
13	Sight Glass Retaining Ring	C37700 Brass

General Notes:

- Please always refer to the latest approval certification information posted on UL Solutions' Product iQ and FM Approvals' Approval Guide.
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- Lansdale reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on Lansdale products previously sold.

For more information

Learn more about Lansdale's other products
by visiting www.lansdalevalve.com

Lansdale Valve & Manufacturing

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