

3-WAY ALARM TEST VALVE

Model ATV

The BERMAD Alarm Trim Valve Assembly includes a 3-Way ball valve with a position plate. This valve enables fire alarm testing on BERMAD deluge valves without actuating the deluge valve.

There are 3 positions for this valve. The function of each position is indicated on a Stainless steel plate located opposite of the valve handle.

STAND BY – Directs the deluge valve downstream port to the alarm. In this position the alarm will sound when the deluge valve is actuated and water will flow from the downstream deluge valve port to the alarm sensor / motor alarm, initiating the alarm.

STOP – Closes the passage from the downstream port. In this position the alarm will not sound regardless of whether the deluge valve is open or not.

ALARM TEST – Directs the deluge upstream port to the alarm.

This position is used to test the working condition of the alarm without having to actuate the deluge valve. Water will flow from the upstream deluge valve port to the alarm sensor / motor alarm.

After testing the handle must be returned to the **STAND BY** position.

Materials of Construction

Stainless Steel Construction:

Body: Stainless Steel 316

Ball: Stainless Steel 316

Stem: Stainless Steel 316

Seats: PTFE

Seal: PTFE

Handle: Stainless Steel 316 (lockable)

Nut: Stainless Steel

Position plate: Stainless Steel 316

Monel Construction:

Body: Monel 400

Ball: Monel 400

Stem: Monel 400

Seats: PTFE

Packing: PTFE

Handle: AISI 316

Nut: Stainless Steel

Position plate: Stainless Steel 316

Connections

½ or ¾" NPT (F)

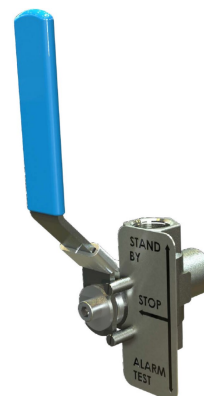
Pressure rating

25 bar / 365 psi

Approvals

UL and FM when installed and as part of

Bermad Listed or Approved water control valves



The Alarm Trim Valve assembly installed on a deluge valve

