



# HEAVY-DUTY LIMIT VALVES

## Heavy-Duty Limit Valves



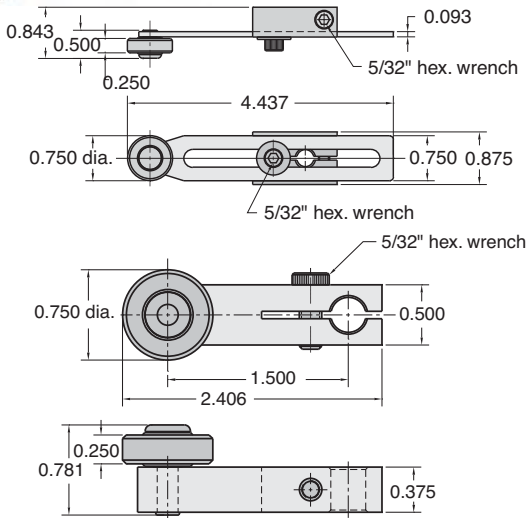
These valves feature rugged construction to withstand heavy use. A zinc alloy die cast actuator head with a hardened steel shaft in a bronze bearing is mated to a solid aluminum valve body. Inside is

a Clippard series cartridge valve (MJV-2C or 3C, MJVO-2C or 3C) made of brass and stainless steel with Buna-N seals. Valve cartridge is easily replaced in minutes. Three different style actuator arms are available as shown below.

Part No.	Description
<a href="#">LVA-2</a>	2-Way Poppet Normally-Closed Limit Valve
<a href="#">LVA-3</a>	3-Way Poppet Normally-Closed Limit Valve
<a href="#">LVAO-2</a>	2-Way Normally-Open Limit Valve
<a href="#">LVAO-3</a>	3-Way Normally-Open Limit Valve

## Roller Actuator Arms

Roller Actuator Arms are ideal for Clippard heavy-duty air limit valves.



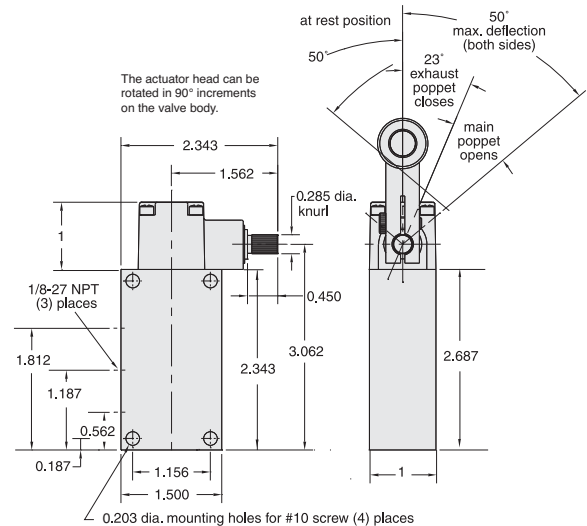
**Arm:** Aluminum base with steel extendable arm (AR-L only)

**Roller:** Hardened steel

**Adjustment:** AR-L only - 1.0" to 3.5"

**Mounting:** Slotted mounting clamp tightens onto limit valve with 5/32" hex. wrench; may be positioned on limit valve shaft in any direction within a 360° circle.

Part No.	Description
<a href="#">AR-K</a>	Roller Actuator Arm
<a href="#">AR-L</a>	Roller Actuator Arm, Adjustable



**Medium:** Air

**Stem Travel:** Actuator arm may move 50° in either direction

**Input Pressure:** 300 psig max.

**Air Flow:** 10 scfm @ 50 psig; 19 scfm @ 100 psig

**Torque to Actuate:** 3 in./lbs.

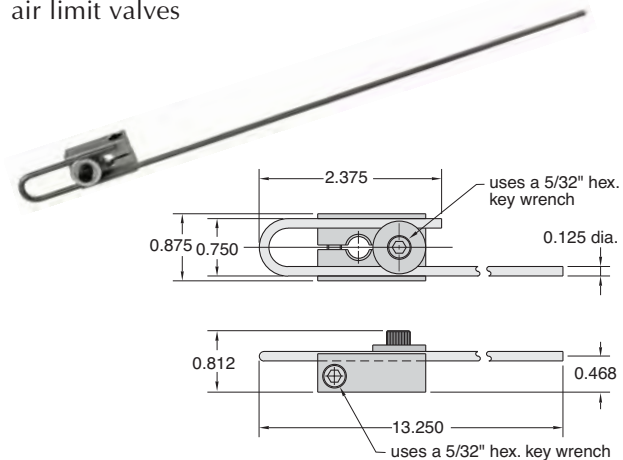
**Actuation Range:** 0 to 23° Off, 23 to 50° On, Maximum travel 50°

**Mounting:** Four 13/64" dia. mounting holes provided in valve body for use with #10 screw, or for tapping 1/4-20 by customer

**Ports:** Inlet - 1/8-27" NPT, Outlet - 1/8-27" NPT, Exhaust - 1/8-27" NPT for convenience in porting away exhaust air or attaching muffler; it should not be restricted; exhaust port is not used on 2-ways

## Adjustable Rod Actuator Arm

Adjustable Rod Actuator Arm for Clippard heavy-duty air limit valves



**Arm:** Steel 1/8" rod 13" long retained by screw clamp; the rod may be shortened and/or bent to desired shape

**Mounting:** Slotted aluminum mounting clamp may be positioned on limit valve shaft in any direction within a 360° circle

Part No.	Description
<a href="#">AR-M</a>	Rod Actuator Arm