

SPECIAL PILOTED 3-WAY VALVES

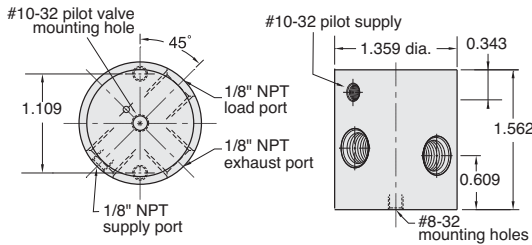


3-Way Normally-Closed Pressure Piloted Valve



Designed to be piloted by a Clippard EV or ET manifold mount electronic valve. Output from the EV/ET actuates the valve to produce outputs up to 22 scfm at 100 psig. Combines low wattage, long life and cool running of the EV/ET valves with quick response and high flow of Clippard booster type valves.

The 2020 and 2021 are identical in all respects except one. The 2020 has an external #10-32 port for the pressure supply to the EV/ET electronic pilot valve. The 2021 has an internal pressure supply to the EV/ET.



Top View

Side View



2020 shown with ET Pilot Valve and external pilot supply

Medium: Air

Input Pressure: 30 to 100 psig max.

Air Flow: 22 scfm @ 100 psig

Pilot Pressure: 60% of supply pressure, minimum

Response Time: Approx. 20 milliseconds

Mounting: Mounting holes provided

Materials: Anodized aluminum, stainless steel

Part No.	Description
2020	Piloted Valve, Ext. Port
2021	Piloted Valve, Int. Port

Part No.	Description
2013-6	Valve, 6 Volts DC, 1/8" NPT
2013-12	Valve, 12 Volts DC, 1/8" NPT
2013-24	Valve, 24 Volts DC, 1/8" NPT

Flat Bracket

Flat mounting bracket available. See page 146.

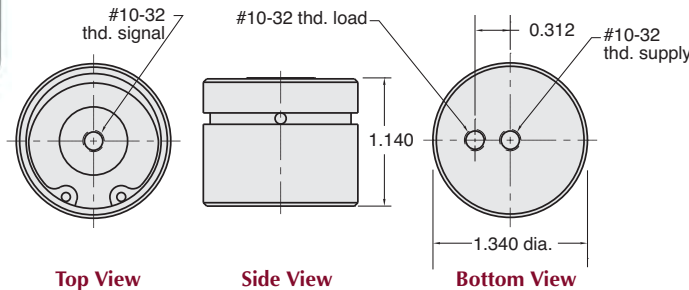


Part No.	Description
2010-050	Flat Bracket

Pressure Piloted Snap Action Amplifying Valve



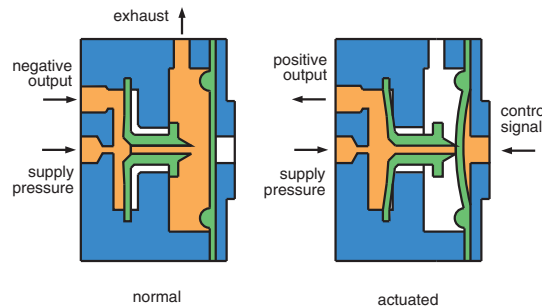
Provides a sharp, clean output signal, even with slow-changing pressure input signals; output is stabilized without chatter or oscillation.



Top View

Side View

Bottom View



normal

actuated

Medium: Air

Input Pressure: 3 to 100 psig max.

Minimum Pilot Pressure: 1.5" H₂O psig

Maximum Pilot Pressure: 1 psig (28" H₂O)

Air Flow: 0.18 scfm @ 100 psig;

Bleed Orifice Diameter: 0.010"

Part No.	Description
3200-A	Amplifying Valve, #10-32

Bracket for Action Relays

Mounting bracket for snap action relays available. See page 146.



Part No.	Description
2010-050	Flat Bracket

Metric line available. Visit www.clippard.com