



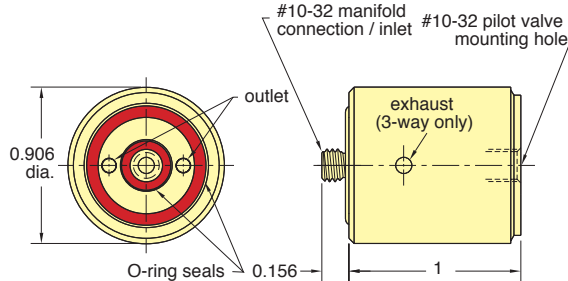
EV, ET, EC SERIES ACCESSORIES

EVB-2 EVB-3



EC, EV and ET Piloted 2-Way & 3-Way Valve, Manifold Mount

Electronic Valve Booster Amplifies the flow capacity of EC, EV and ET type valves by over eight times. Manifold style electronic valves mount onto booster body, which, in turn, mounts on Clippard manifolds.



Type: 2-Way (EVB-2) or 3-Way (EVB-3)
Normally-Closed, Pressure Piloted Valve

Medium: Air

Input Pressure: 20 to 150 psig

Air Flow: 6.1 scfm @ 100 psig

Response: 20 milliseconds at 20 psig
13 milliseconds at 100 psig

Mounting: Mounts to manifold

Ports: Inlet and outlet through manifold

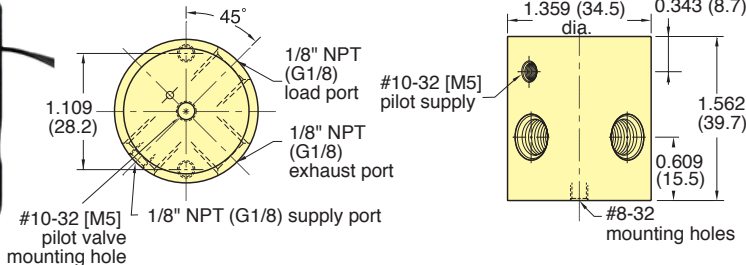
Materials: Nickel plated brass, acetyl, stainless steel and Buna-N

Additional Note Use only Normally-Closed 3-way pilot valves in conjunction with EVB-2/EVB-3

2013 - □

Electronic Fluidamp

Low-power DC solenoid solid state output signals can be directly converted to high pressure pneumatic power without amplification



Type: 3-Way Normally-Closed, Electronic Valve

Medium: Air

Input Pressure: 30 to 100 psig

Air Flow: 22 scfm @ 100 psig

Bleed Flow: 0.10 scfm @ 100 psig

Filtration: 10 micron

Frequency Response: 50 Hz @ 100 psig
70 Hz @ 30 psig

Ports: 1/8" NPT female

Switching Speed: 10 milliseconds

Electrical Data

Continuous Overload: 350% @ 25°C ambient;
250% @ 50°C ambient

Power Consumption: Less than .50 watts at rated voltage (80 ma. @ 6V, 40 ma. @ 12 V, 20 ma. @ 24V)

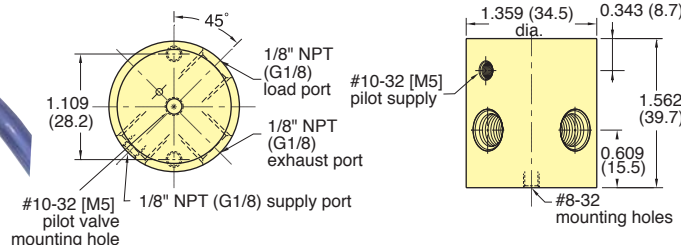
Leads: 28 gauge stranded P.V.C. insulated

Standard Options: 2013-6 6 volts DC
2013-12 12 volts DC
2013-24 24 volts DC

2020/2021

High Flow EC, EV and ET Piloted 3-Way Valves

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



Type: 3-Way Normally-Closed, Pressure Piloted Valve

Medium: Air

Input Pressure: 30 to 100 psig; 2.1 to 6.9 bar

Pilot Pressure: (2020) 60% of supply pressure, minimum

Air Flow: 22 scfm at 100 psig/620 l/min @ 6 bar

Response: Approximately 20 milliseconds

Mounting: Mounting holes provided

Ports: Inlet and outlet, exhaust 1/8" NPT
Pilot supply on 2020 is #10-32 female

Materials: Anodized Aluminum, Stainless Steel and Buna-N

Additional Note: Use only Normally-Closed 3-way pilot valves in conjunction with 2020/2021

Option: Add -MG for metric version