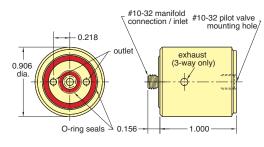


EV, ET, EC, EW Series Higher Flow Valves

EC, EV, ET & EW PILOTED 2-WAY & 3-WAY NORMALLY-CLOSED, PRESSURE PILOTED VALVES, MANIFOLD MOUNT







Medium: Air

Materials: Nickel-plated brass, acetal, stainless steel and Nitrile

Response: 20 milliseconds @ 20 psig; 13 milliseconds @ 100 psig nominal

Ports: Inlet and outlet through manifold

Material: Nickel-plated brass, acetal, stainless steel and Nitrile

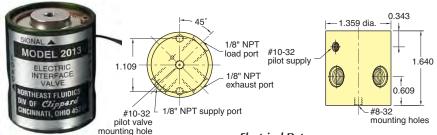
Note: Use only Normally-Closed 3-Way Pilot valves in conjunction with EVB-2/EVB-3

Part No.

EVB-2 2-Way Valve Booster EVB-3 3-Way Valve Booster

Input Pressure	Air Flow
20 to 150 psig	6.1 scfm @ 100 psig

ELECTRONIC INTERFACE 3-WAY NORMALLY-CLOSED VALVE



Electrical Data

Part No. <u>2013-6</u> Interface Valve, 6 VDC

2013-12 Interface Valve, 12 VDC Interface Valve, 24 VDC 2013-24

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

Power Consumption: Less than 0.50 watts @ rated voltage (80 ma. @ 6 VDC, 40 ma. @ 12 VDC 20 ma. @ 24VDC)

Leads: 28 gauge stranded PVC insulated

Medium: Air

Filtration: 10 micron

Ports: 1/8" NPT female

Switching Speed: 10 milliseconds

Bleed Flow: 0.10 scfm @ 100 psig

Frequency Response: 50 Hz @ 100 psig;

70 Hz @ 30 psig

Input Pressure	Air Flow
30 to 100 psig	22 scfm @ 100 psig
call for special configurations	

3-WAY NORMALLY-CLOSED, PRESSURE PILOTED VALVES

1.359 dia. 0.343 #10-32 load port 1.562 /8" NPT exhaust port 0.609 #10-32 1/8" NPT supply port -#8-32 mounting holes pilot valve ounting hole

Designed to be piloted by a Clippard EC, EV and ET manifold mount electronic valve (not included). 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 pilot port.

Medium: Air

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

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 Nitrile

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

Part No.

External Piloted Valve 2020 2021

External Photed valve			
with #10-32 Port			
nternal Piloted Valve			

Input Pressure	Air Flow
30 to 100 psig call for special configurations	22 scfm @ 100 psig