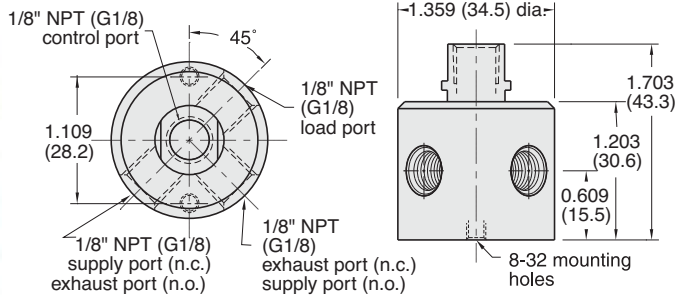




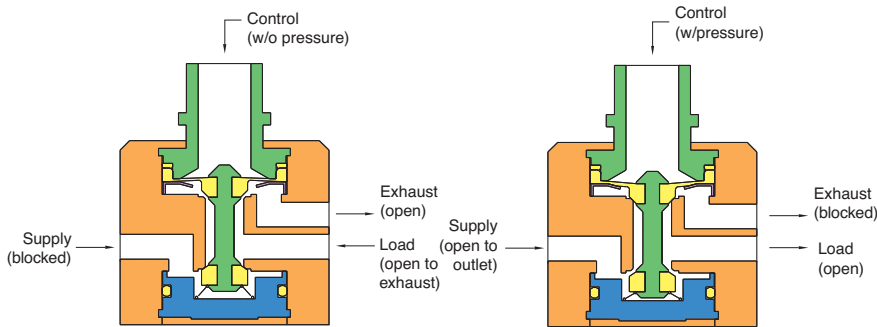
SPECIAL PILOTED 3-WAY VALVES

3-Way N.O. or N.C. Air-Piloted Valves



Top View

Side View



Valve Closed

Valve Open

Medium: Air

Material: Anodized aluminum body, Buna-N diaphragms

Input Pressure: 1 to 100 psig/7 bar max.

Air Flow: 22 scfm @ 100 psig;
530 l/min @ 6 bar

Minimum Pilot Pressure:

N.O. - 90% of supply pressure
N.C. - 60% of supply pressure

Response Time: 15 milliseconds after pilot pressure reaches switch point

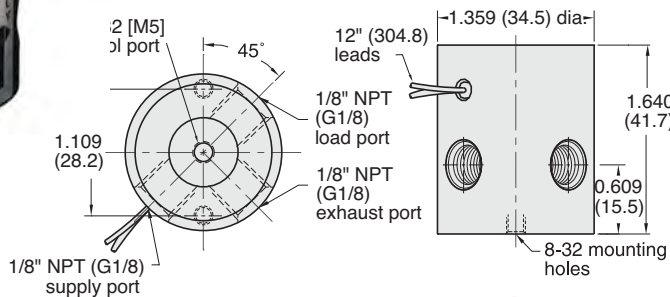
Operating Speed: 1,100 CPM

Part No.	Description
2012	Piloted Valve, 1/8" NPT
2012-MG	Piloted Valve, G1/8
2012-VAC	Valve for Vacuum Operation (requires positive pressure pilot signal)
2012-G	Valve for Liquid Adhesives (silicone diaphragm and seals), 1/8" NPT
2012-G-MG	Valve for Liquid Adhesives (silicone diaphragm and seals), G1/8

3-Way N.O. or N.C. Electronically Piloted Valves

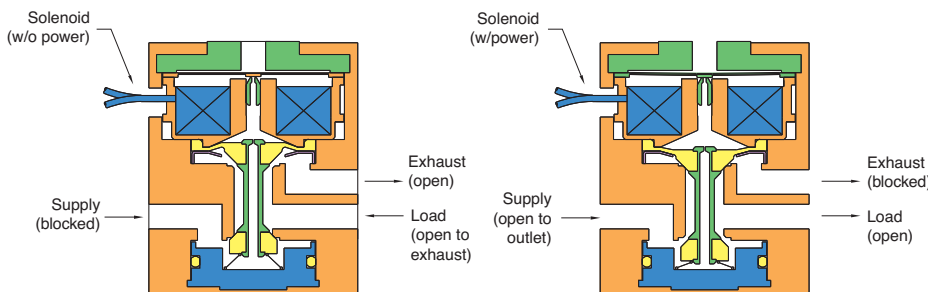


3-Way Normally-Closed Electronic Valve with low-power DC solenoid can be directly converted to high pressure pneumatic power without electronic amplification.



Top View

Side View



Valve Closed

Valve Open

Medium: Air

Material: Anodized aluminum body, Buna-N diaphragms

Input Pressure: 30 to 100 psig/2 to 7 bar max.

Air Flow: 22 scfm @ 100 psig;
530 l/min @ 6 bar

Bleed: 0.1 scfm @ 100 psig

Filtration: 10 micron

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

Switching Speed: 10 milliseconds

Leads: 28 gauge stranded PVC insulated

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

Power Consumption: less than 0.50 watts at rated voltage
80 ma. @ 6V
40 ma. @ 12V
20 ma. @ 24V

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
2013-6-MG	Valve, 6 Volts DC, G1/8
2013-12-MG	Valve, 12 Volts DC, G1/8
2013-24-MG	Valve, 24 Volts DC, G1/8