



TV/TVO 2-WAY & 3-WAY TOGGLE VALVES

TV/TVO 2-Position Toggle Valves

2-Way & 3-Way Styles

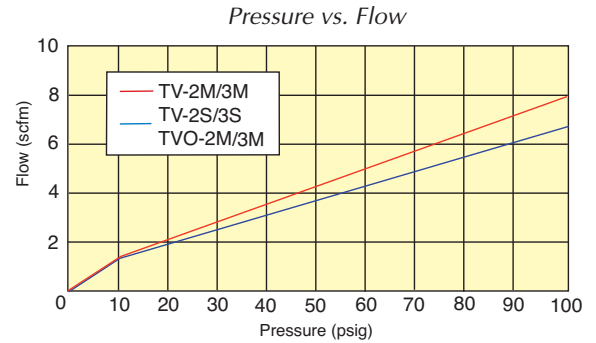
The function of a 2-way valve is to turn an air supply on and off. In the "on" position, medium flows from inlet to outlet, and in the "off" position, the flow is blocked. 3-way styles have an exhaust port which vents the outlet to atmosphere.

Medium: Air, Water or Oil

Input Pressure: 150 psig max.

Force to Rotate Toggle: 12 oz. nominal

Mounting: 15/32-32 thread. Nut and lockwashers furnished.



- Normally-Open or Normally-Closed
- Brass body, Nitrile seals, stainless steel stem and spring
- Steel or plastic toggles

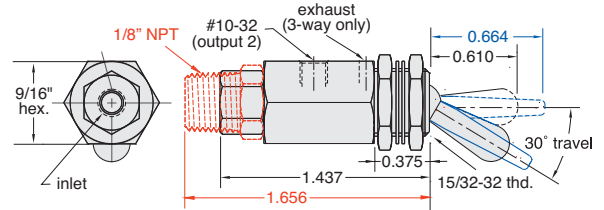
Normally-Closed Poppet Valves with Momentary Actuation



(TV-2MF shown)

Port(s)	Toggle	2-Way	3-Way
#10-32	ENP Steel	<u>TV-2M</u>	<u>TV-3M</u>
#10-32	Plastic	<u>TV-2MF</u>	<u>TV-3MF</u>
1/8" NPT	ENP Steel	<u>TV-2MP</u>	<u>TV-3MP</u>
1/8" NPT	Plastic	<u>TV-2MFP</u>	<u>TV-3MFP</u>

Air Flow: 4.0 scfm @ 50 psig; 6.8 scfm @ 100 psig



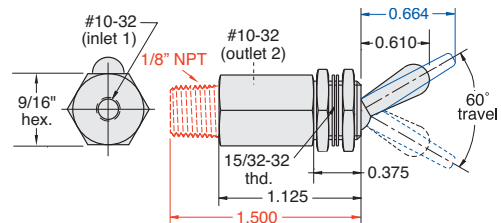
Normally-Closed Spool Valves with Detented Actuation



(TV-2SP shown)

Port(s)	Toggle	2-Way	3-Way
#10-32	ENP Steel	<u>TV-2S</u>	<u>TV-3S</u>
#10-32	Plastic	<u>TV-2SF</u>	<u>TV-3SF</u>
1/8" NPT	ENP Steel	<u>TV-2SP</u>	<u>TV-3SP</u>
1/8" NPT	Plastic	<u>TV-2SFP</u>	<u>TV-3SFP</u>

Air Flow: 4.5 scfm @ 50 psig; 8 scfm @ 100 psig



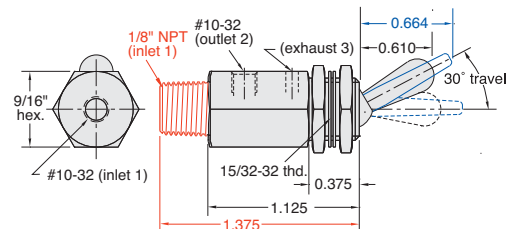
Normally-Open Spool Valves with Momentary Actuation



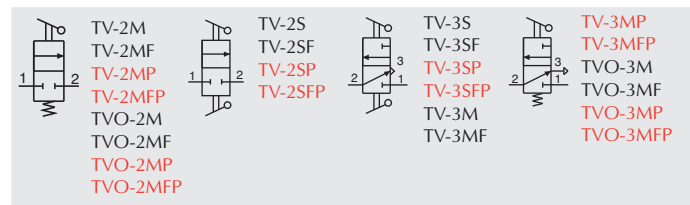
(TVO-3M shown)

Port(s)	Toggle	2-Way	3-Way
#10-32	ENP Steel	<u>TVO-2M</u>	<u>TVO-3M</u>
#10-32	Plastic	<u>TVO-2MF</u>	<u>TVO-3MF</u>
1/8" NPT	ENP Steel	<u>TVO-2MP</u>	<u>TVO-3MP</u>
1/8" NPT	Plastic	<u>TVO-2MFP</u>	<u>TVO-3MFP</u>

Air Flow: 4.0 scfm @ 50 psig; 6.8 scfm @ 100 psig



For high temperature applications (up to +400°F), or those that require special seals for chemical compatibility, Clippard offers optional FKM seals.



options (suffix)
ENP Plating "-ENP" • FKM Seals "-V"