

# OMEGA-FLO® 3-WAY GENERAL PURPOSE SOLENOID VALVES

1/4 to 1 NPT

## SV-1502



- ✓ Ideal for Actuating Large Air Cylinders and Actuated Ball Valves
- ✓ Manual Override Standard
- ✓ Conduit Plug Electrical Connection
- ✓ 120 Vac

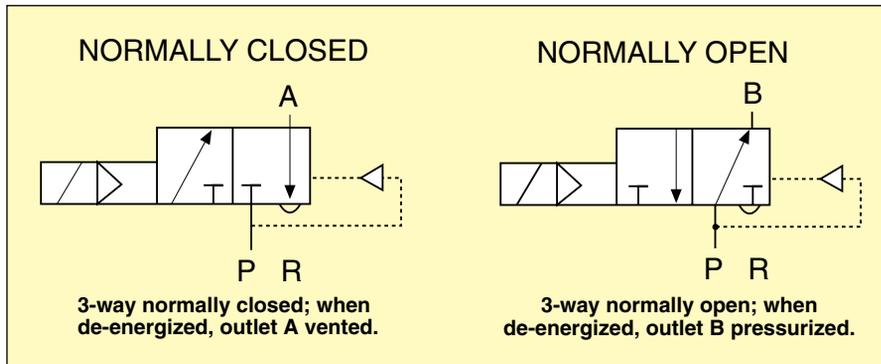
The SV-1500 3-way solenoid valve is an internally piloted poppet valve with an epoxy-encapsulated coil and a brass body. Manual override is standard. Other features include a quick-exhaust design, Buna-N seal, and temperature range of -10 to 90°C (14 to 194°F). This valve is ideal for controlling compressed air for actuating large-sized cylinders and actuated ball valves. Electrical connection is by cable plug.

### SPECIFICATIONS

**Mounting Position:** Any (preferably with the solenoid system upright)  
**Maximum Ambient Temp:** 54°C (130°F)  
**Voltage Tolerance:** ±10%  
**Power Consumption (in Warm State):**  
 AC: 30 VA/8 W  
**Opening Time (ms):** 25 to 125 depending on orifice and pressure  
**Closing Time (ms):** 25 to 125  
**Cycling Rate:** 150 to 1000 cpm  
**Duty Cycle:** Continuous (100%)



SV-1502 shown larger than actual size.



## To Order

Normally Closed Model No.	Normally Open Model No.	Port Connections (NPT)		Cv <sup>1</sup>	Orifice Diameter	Pressure Range <sup>2</sup> (psi)
		P, A, B	R			
SV-1502	—	3/8	3/4	2.7	7/16"	7 to 230 <sup>3</sup>
SV-1503	SV-1513	1/2	3/4	3.0	7/16"	7 to 230 <sup>3</sup>
—	SV-1514	3/4	1	7.7	3/4"	7 to 230 <sup>3</sup>

<sup>1</sup>Port R is always one size larger than the other ports. Therefore, flow rates from A to R are 1.5 to 2 times greater than the above values.

<sup>2</sup>Operating with less than 7 psi pressure will yield unpredictable flow characteristics.

<sup>3</sup>Maximum pressure for UL-listed valves is 170 psi.

Comes complete with operator's manual.

**Ordering Examples:** SV-1502, normally closed valve, 7/16" orifice diameter, 2.7 Cv rating.

SV-1513-12VDC, normally open valve, 1/2" orifice diameter, 3.0 Cv rating, 12 Vdc option.