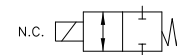


# SV81

2-way Normally Closed  
Diaphragm Isolation Construction



Valcor General Purpose Series



## DESCRIPTION

The SV81 series valves are direct acting, 2-way, normally closed solenoid valves that utilize a bellows type Teflon diaphragm to seal on a Teflon seat. As a result, this valve series is capable of handling a wide variety of corrosive or high purity media by isolating all metallic components from the media. The direct acting construction yields positive shifting and reliable operations.

## APPLICATIONS

The SV81 series diaphragm isolation valve is suitable for a broad range of applications, including:

- Bottle filling
- Waste water handling
- Chemical mixing/dispensing
- Laboratory equipment

## FEATURES

- Teflon isolation construction for high purity processes
- Handles aggressive fluids
- No minimum pressure required
- 40 PSI liquid pressure capability
- Large Cv of 3.1

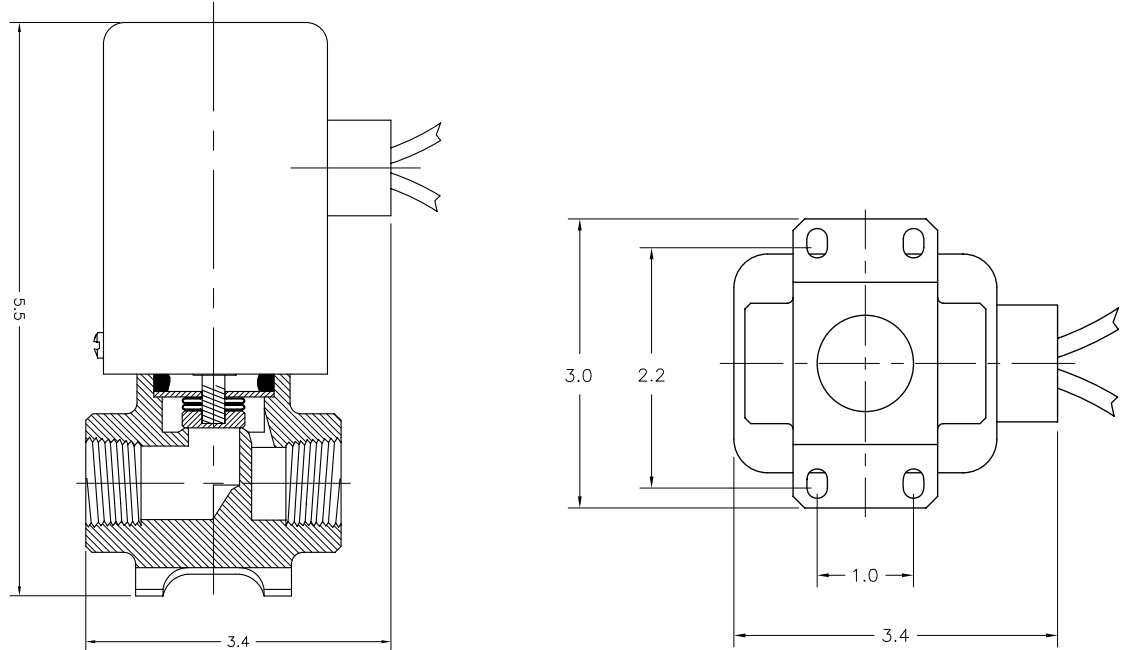


## VALCOR SV81 SPECIFICATIONS

### Construction

#### Valve Parts in Contact with Fluid

Body	Teflon
Diaphragm	Teflon



### Electrical

Standard voltage	115/60 AC
Coil	UL class H with 10" leads
Standard coil housing	General purpose with 1/2" NPT conduit

### Specifications

Port Size (NPT)	Orifice Size (ins.)	C <sub>v</sub>	Max. Operating Pressure (PSIG) *		Inlet to atmosphere vacuum at outlet	Model Number	Wattage
			Gas	Liquid			
2-way Normally Closed							
1/2	1/2	3.1	35	30		SV81C18HT3S8-8	23
1/2	1/2	3.1	45	40		SV81C18HT3S8-8HP	23
1/2	1/2	3.1			28" Hg	SV81C18HT3S8-8V	23

\* No minimum pressure is required for operation