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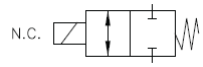
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SV74

2-Way Normally Closed
Diaphragm Isolation Valve



Valcor PTFE Instrumentation Series



DESCRIPTION

The SV74 series valves utilize a PTFE diaphragm to seal on a PTFE seat. As a result, these valves are capable of handling a wide range of corrosive or high purity media by isolating all metallic components from the fluid path. Other materials, including PEEK & PCTFE are available as body material. Consult factory for availability.

APPLICATION

The SV74 diaphragm isolation series is suitable for a broad range of applications, including:

- Ink Jet Printers
- Chromatography
- Clinical or Chemical Analyzer
- Chemical Mixing/Dispensing
- Laboratory Equipment

FEATURES

- Diaphragm isolation construction for high purity process
- Handles corrosive and aggressive fluids
- Compact and low dead volume designs
- Low power consumption solenoids
- Bidirectional flow
- Direct acting constructions
- Long life expectancy

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PH:973-467-8400 FX:973-467-9592 WWW.VALCOR.COM

REV 06/19

VALCOR SV74 SPECIFICATIONS

Construction

Valve Parts in Contact With Fluid	
Body	PTFE
Diaphragm	PTFE
Other Parts	
Armature	430F SS
Spring	303 SS
Coil Housing	Nickel Plated Steel
Base Plate	Nickel Plated Steel

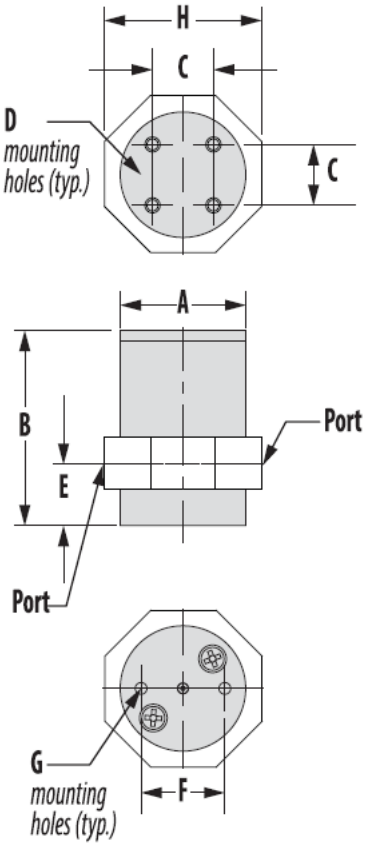
Body is also available in PEEK and PCTFE.
Consult factory for availability of specific constructions.

Envelope Dimensions

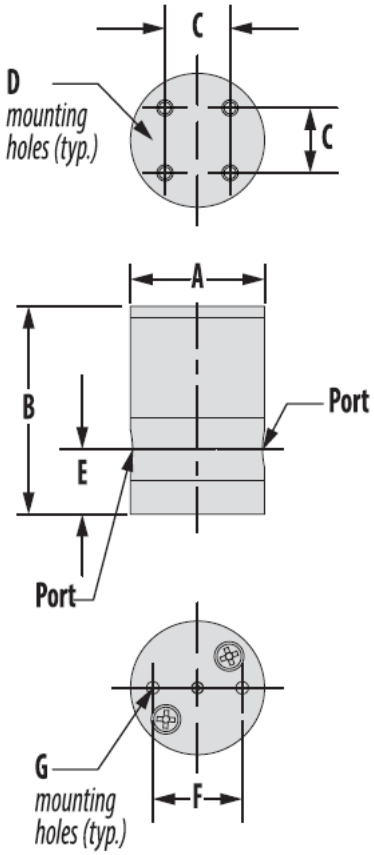
Model Number (Round)	A (in.)	B (in.)	C	D	E	F	G	H
SV74P61T	0.75	1.155	0.5	#2-56	0.363	0.50	#2-56	N/A
SV74P25T	1.00	1.488	0.486	#4-40	0.45	0.687	#4-40	N/A
SV74P60T-R	1.25	1.863	0.884	#4-40	0.5	0.884	#4-40	N/A

Model Number (Octagonal)	A (in.)	B (in.)	C	D	E	F	G	H
SV74P60T	1.25	1.863	0.625	#4-40	0.5	0.844	#4-40	1.5
SV74P48T	1.5	2.088	0.796	#4-40	0.562	1.125	#4-40	1.75

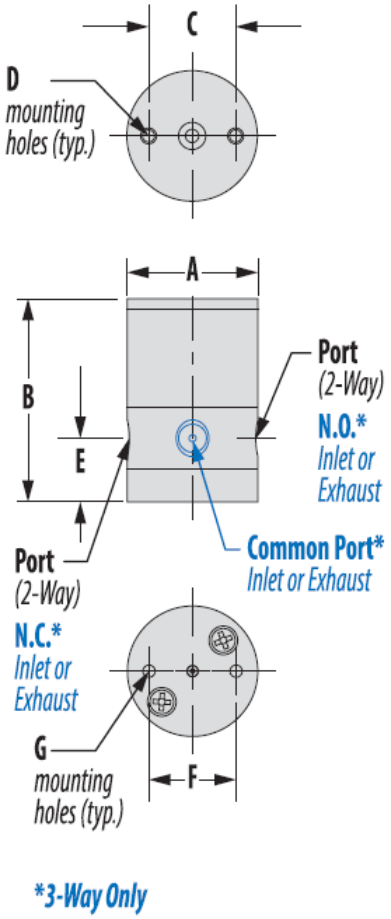
Octagonal Body



Round Body
SV74P61T



Round Body
SV74P25T, SV74P60T-R



*3-Way Only

VALCOR SV74 SPECIFICATIONS

Specifications

Port Size	Orifice Size (ins.)	Max. Pressure (PSI) Gas & Liquid	Max. Pressure (PSI) Vacuum (in. Hg)	Model Number	Voltage	Wattage	Internal Volume (µl)
SV75 Universal 3-Way							
10-32	0.040”	30	28	SV74P61T-1	12 VDC	1.0	12
1/4-28	0.062”	30	28	SV74P25T-1	12 VDC	1.5	58
1/4-28	0.095”	30	28	SV74P60T-1**	12 VDC	4.2	121
1/8” NPS*	0.156”	30	28	SV74P48T-1	12 VDC	7.2	399
10-32	0.040”	30	28	SV74P61T-2	24 VDC	1.0	12
1/4-28	0.062”	30	28	SV74P25T-2	24 VDC	1.5	58
1/4-28	0.095”	30	28	SV74P60T-2**	24 VDC	4.2	121
1/8” NPS*	0.156”	30	28	SV74P48T-2	24 VDC	7.2	399

For temperature and duty cycle information, please consult “temp and duty cycle” link under Technical infomration on our website.
Alternate voltage of 6 VDC & 115V/60 HZ available upon request. Please consult factory for availability & part number.
High pressure version available up to 100 PSI (‘-HP’). Please consult factory for availablity of specific constructions.
*1/8”-27 NPS (National Pipe Straight) thread. Flat bottom.
**Suffix part number with ‘-R’ for round body.

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