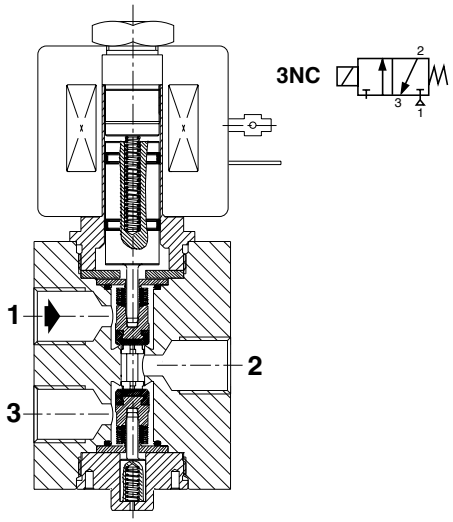
3-Way High Flow Bellow Isolation Valve

1/4" G and NPT Porting

The 8396 Series is a 3-Way, high flow isolation valve designed to control the flow of aggressive liquids and gases in analytical, semiconductor, and environmental equipment. The 8396 Series offers the following benefits:

- Reliable operation with a wide variety of media due to inert wetted materials such as PEEK, PTFE, stainless steel, and FFKM.
- High flow rates of corrosive or high purity fluids.
- Higher pressure ratings than typical isolation valves.



Construction

Valve Wetted Parts	
Body	PEEK, 300 Series Stainless Steel
Seals	FFKM
Bellows	PTFE

Electrical

Standard Voltages	24 VDC
Power Consumption	11.2 Watts
Duty Cycle Rating	Continuous
Coil Insulation	311ºF (155ºC)
Electrical Connection	DIN Spade Terminals
DIN Connectors	Size 18mm, ISO 4400/EN 175301-803 Form A

Valve

Maximum Viscosity of Fluid	40 cSt (mm2/s)

Temperature Range:

Ambient:
14˚F to 167˚F (-10˚C to 75˚C)

Media:
14ºF to 194ºF (-10ºC to 90ºC)

Approvals:

Meets applicable CE directives.

Specifications

Port Type	Orifice Size (in)	Cv Flow Factor	Operating Pressure (psi) Min.	Operating Pressure (psi) Max.	Prefix	Catalog Number	Const. Ref.	Power (Watts)	Weight (oz)
PEEK Body									
1/4	0.157	0.30	0	44	SC	x396A006xxxx	1	11.2	17.3
Stainless Steel Body									
1/4	0.157	0.30	0	44	SC	x396A003xxxx	1	11.2	31.8

Catalog Number Description and Options

SC	x	396A006	xxxx
Prefix	**Port Threads** G = G (ISO 228/1) 8 = NPT	**Catalog Number**	**Voltage** 24DC

Examples

SCG396A00624DC = PEEK body with G 1/4 ports, .157" orifice, 24 VDC

SC8396A00324DC = Stainless steel body with 1/4 NPT ports, .157" orifice, 24 VDC

Dimensions 8396 Series: Inches (mm)

Const. Ref. 1