

OMEGA-FLO® 2-WAY GENERAL PURPOSE SOLENOID VALVES

1/4 to 1/2 NPT

SV-335



SV-331 shown smaller than actual size.

- ✓ Ideal for Compressed Air, Water, and Other Fluids
- ✓ Available in Brass or Stainless Steel
- ✓ Process Temperature Range to 130°C (266°F)
- ✓ 120 Vac
- ✓ Normally Closed

SV-330 Series 2-way solenoid valves are direct-acting, featuring an epoxy-encapsulated coil, a brass or stainless steel body, and FKM seal material. The -10 to 130°C (14 to 266°F) temperature range is ideal for neutral media such as compressed air, water, oils, and greases without additives (viscosity of approximately 2.3×10^{-4} ft²/s). Electrical connection is by conduit plug.

SPECIFICATIONS

Mounting Position: Any (preferably with solenoid system upright)

Max Ambient Temp: 54°C (129°F)

Voltage Tolerance: ±10%

Power Consumption in Warm State: 35 to 40 VA (inrush), 16 VA/10 W (hold)

Opening Time: 10 to 20 ms

Closing Time: 20 to 30 ms

Times measured at outlet A on energizing/de-energizing until attainment of pressure rise to 90%/pressure drop to 10% at a working pressure of 85 psi.

Cycling Rate: Approx. 1000 cpm

Duty Cycle: Continuous (100%)

Normally Closed Valve

To Order								
Model No.	Port Connection (NPT)	C _v	Pressure Range (psi) ¹		Maximum Allowable (psi) Back Pressure		Orifice Diameter	Body Material
			AC (Water)	AC (Air)	AC			
SV-331	1/4	0.58	0 to 170	0 to 230	20		5/32"	BR
SV-335	1/2	0.93	0 to 55	0 to 115	10		1/4"	BR
SV-336	1/2	0.93	0 to 55	0 to 115	10		1/4"	SS
SV-337	1/2	1.05	0 to 20	0 to 35	3		5/16"	BR
SV-340	1/2	1.75	0 to 14	0 to 20	—		3/8"	SS
SV-341	1/2	2.10	0 to 7	0 to 14	—		7/16"	BR
SV-342	1/2	2.10	0 to 7	0 to 14	—		7/16"	SS

Comes complete with operator's manual.

¹Also suitable for vacuum down to 38 torr.

Ordering Examples: SV-331, 1/4" brass valve.

SV-335, 1/2" brass valve.