

# OMEGA-FLO® 2-WAY GENERAL PURPOSE SOLENOID VALVES

1/8 TO 1/4 NPT

SV-300 Series Starts at

**\$109**



- Ideal for Natural Gas, Air, and Water
- Available in Brass or Stainless Steel
- Temperature Range to 90°C (194°F)
- 120 Vac Standard (DC Optional)

The SV-300 Series 2-way solenoid valves have a brass or stainless steel body and seat, stainless steel valve internals, and Viton® seal material. Temperature range is -10 to 90°C (14 to 194°F). These valves are ideal for neutral media such as compressed air, natural gas, water, and hydraulic oil (viscosity of approximately 2.3 x 10<sup>-4</sup> ft<sup>2</sup>/s).

## Specifications

**Mounting Position:** Any (preferably with the solenoid system upright)

**Max Ambient Temp:** 54°C (130°F)

**Voltage Tolerance:** ±10%

**Power Consumption (in Warm State):**

**AC:** 21 (inrush); 12 VA/8 W (hold)

**DC:** 8 W

**Opening Time (ms):** Approx. 20, depending on pressure

**Closing Time (ms):** Approx. 30

**Cycling Rate:** Approx. 1000 cpm

*(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.)*

## Accessory

Model No.	Price	Description
FW-306	\$125	Reference Book: Valve Handbook



## Duty Cycle:

Continuous (100%)

## FM Approvals:

Non-incendiary for hazardous locations Class I Div. 2 Group A, B, C, D; Class II Div. 2 Group F, G; Class III Div. 1 and 2; Operating Temperature T4A

## Options (no additional charge)

Ordering Suffix	Description
-24VDC	24 Vdc operation
-12VDC	12 Vdc operation
-240VAC	240 Vac operation
-BUNA	Buna-N seal

Options not available on all models.



SV-301, \$109, shown smaller than actual size.

**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Model No.	Price	Port Conn. (NPT)	Cv	Pressure Range (psi) <sup>1</sup>		Max Allow. Back Pressure (psi)	Orifice Dia.	Body Material
				AC	DC			
<b>Normally Closed Valve</b>								
SV-301	\$109	1/8	0.14	0 to 355	0 to 230	70	5/64"	BR
SV-302	148	1/8	0.14	0 to 355	0 to 230	70	5/64"	SS
SV-303	116	1/4	0.14	0 to 355	0 to 230	70	5/64"	BR
SV-304	173	1/4	0.14	0 to 355	0 to 230	70	5/64"	SS
SV-305*	93	1/8	0.19	0 to 230	0 to 140	50	7/64"	BR
SV-306	173	1/8	0.19	0 to 230	0 to 140	50	7/64"	SS
SV-307	109	1/8	0.27	0 to 140	0 to 85	35	1/8"	BR
SV-308	148	1/8	0.27	0 to 140	0 to 85	35	1/8"	SS
SV-309	109	1/4	0.37	0 to 55	0 to 20	9	5/32"	BR
SV-310	173	1/4	0.37	0 to 55	0 to 20	9	5/32"	SS
SV-311	173	1/4	0.82	0 to 20	0 to 7	4	1/4"	BR
SV-312	173	1/4	0.82	0 to 20	0 to 7	4	1/4"	SS
<b>Normally Open Valve</b>								
SV-321	\$122	1/8	0.14	0 to 170		70	5/64"	BR
SV-322	138	1/4	0.14	0 to 170		70	5/64"	BR
SV-323*	118	1/8	0.19	0 to 115		50	7/64"	BR
SV-324	138	1/4	0.19	0 to 115		50	7/64"	BR
SV-325	118	1/8	0.27	0 to 85		35	1/8"	BR
SV-326	138	1/4	0.27	0 to 85		35	1/8"	BR

<sup>1</sup> Also suitable for vacuum down to 38 torr.

\* The SV-305 and SV-323 are not UL listed.

Comes with complete operator's manual.

**Ordering Examples:** SV-303, normally closed valve, 0.14 Cv, \$116. SV-303-24VDC, normally closed valve with 24 Vdc coil, \$116.

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