



2-WAY GENERAL PURPOSE SOLENOID VALVES

SV200 Series

Starts at
\$140



- ✓ Durable Brass Valve Body
- ✓ Rugged NEMA 4 (IP65) Housing
- ✓ Mounts in Any Position
- ✓ Rated for Continuous Duty

TYPICAL APPLICATIONS

- ✓ Water Treatment
- ✓ Dry Cleaning
- ✓ Commercial Laundry Equipment
- ✓ Irrigation
- ✓ Cooling
- ✓ Petroleum Processing
- ✓ Dish and Bottle Washing
- ✓ Pollution Control
- ✓ Heat Exchangers

The SV201 and SV202 are direct-lift valves, which combine the features of a direct-acting valve with those of a pilot-operated valve. Because of a flexible link between the solenoid plunger and the diaphragm, the direct-lift valve functions as a direct-acting valve at low pressures and as a pilot-operated valve at high pressures. It is sometimes referred to as a zero delta pressure valve or a hung diaphragm valve.

The SV203 through SV207 are pilot-operated solenoid valves. These valves use the energy stored in the pressurized fluid to actuate the valving mechanism. They require

the minimum pressure differential specified for proper valve operation. A direct-acting, normally closed solenoid valve is an integral part of the pilot-operated valve and is used to affect the balance of pressure above and below a diaphragm or piston.

SPECIFICATIONS

Operation:

- SV201 and SV202: Direct lift
- SV203 to SV207: Pilot operated

Wetted Parts: Brass, stainless steel, copper and seal

Medium: Liquid or gases

Max Static Pressure:
5 times max psid

Ambient Temp: -9 to 50°C
(15 to 122°F)

Mounting: Pipe mounting, any direction

Power: 10 W, 120 Vac, Class F



SV202, \$140,
shown larger
than actual size.



LARGE ORIFICE, DIRECT-ACTING OR PILOT-OPERATED, NORMALLY CLOSED, BRASS VALVE BODY



SV201 to 202

Port Identification: Flow arrow on body indicates flow direction—ports are not marked.

Dimensions: in

VALVE	H	P	C	L	W
SV201	3.66	3.07	2.06	2.95	2.09
SV202	3.66	3.07	2.06	2.95	2.09

SV203 to 207

Port Identification: P-IN/--OUT. Flow arrow on body indicates flow direction—ports are not marked.

Dimensions: in

VALVE	H	P	C	L	W
SV203	4.75	3.86	2.84	3.94	2.75
SV204	4.75	3.86	2.84	3.94	2.75
SV205	5.41	4.11	3.09	4.33	2.75
SV206	5.66	4.37	3.35	5.51	3.90
SV207	6.25	4.60	3.58	5.91	3.90

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)											
MODEL NO.	PRICE	NPT FITTING	ORIFICE	C _v	SEAL	DIFF PRES (psid)		TEMP		RESPONSE TIME	
						MIN	MAX	°C	(°F)	OPEN	CLOSE
SV201	\$140	3/8	19/32	4.4	Buna-N	0	230	85	(185)	30 to 100 ms	350 to 900 ms*
SV202	140	1/2	19/32	4.4	Buna-N	0	230	85	(185)	30 to 100 ms	350 to 900 ms*
SV203	205	3/4	25/32	9.6	Buna-N	5	230	85	(185)	50 to 80 ms	1.8 to 3 s
SV204	250	1	1	12.5	Buna-N	5	230	85	(185)	50 to 80 ms	1.8 to 3 s
SV205	295	1 1/4	1 1/8	19.3	Buna-N	5	230	85	(185)	50 to 80 ms	1.8 to 3 s
SV206	475	1 1/2	1 1/16	29.0	Buna-N	5	230	85	(185)	50 to 80 ms	1.8 to 3 s
SV207	550	2	1 1/16	38.6	Buna-N	5	230	85	(185)	50 to 80 ms	1.8 to 3 s

* Non-adjustable response time.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
SVCOIL-110AC	\$45	Replacement coil, 110 Vac
SVCOIL-220AC	50	Replacement coil, 220 Vac
SVCOIL-24VDC	50	Replacement coil, 24 Vdc
MS-1808	125	Reference Book: Plant Engineer's Handbook

Note: Some solenoid valves are available with 24 Vdc coils. Five piece minimum order. UL approval is not available with 24 Vdc coils. Specifications effected; pressure ratings may decrease; coil wattage ratings may increase. Consult Engineering.

Ordering Examples: SV203, pilot-operated brass body NC valve with 3/4 NPT fitting and Buna-N seal, \$205.

SV207, pilot-operated brass body NC valve with 2 NPT fitting and Buna-N seal, \$550.

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