

Prince SV Control Valves



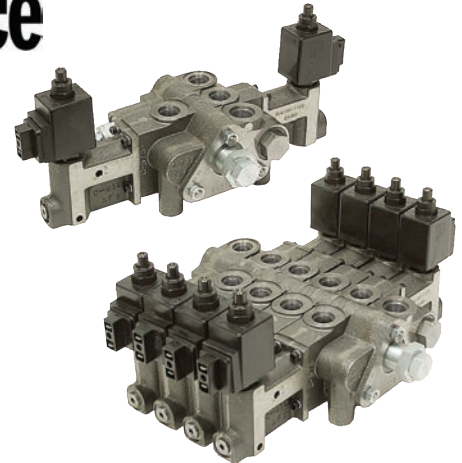
12 Volt DC Solenoid Operated SV Valves

• Brand new PRINCE SV compact sectional valves. Size and flow rating works well with today's small and medium size tractors. Also many marine and industrial applications. Sectional design allows valves to be assembled with combination of spools to meet your exact requirements. Valves ship unassembled with assembly instructions, bolt kits and handle assemblies.

• One to eight spool valve assembly and your choice of spool types. All IN and OUT sections have both top and side ports.

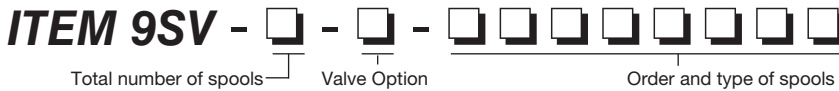
**SPECIFICATIONS**

- Max. 16 GPM, flow rating 12 GPM (nominal)
- Max. 3000 PSI
- Adjust. relief valve 1500-3000 PSI, factory set 2000 PSI
- Parallel circuit
- Cast iron valve sections w/chrome plated spool
- Load checks each section
- Power beyond capability
- Work ports SAE 8
- IN/OUT ports:  
Open center SAE 8  
Open center/power beyond IN, PBYO SAE 8, OUT SAE 10  
Closed center SAE 10



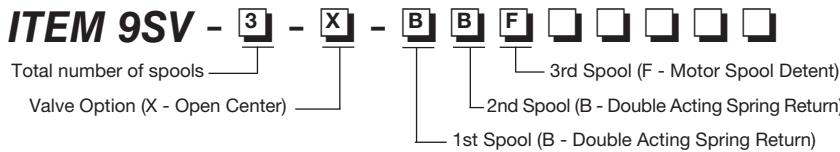
**To Order:**

1. Fill in how many spools you need.
2. Fill in valve option.
3. Determine order of spool(s).
4. Determine type of spool(s).
5. Add the price of valve option and each spool type for total cost.



**Example**

1. You have determined you need a 3 spool valve with an open center outlet.
2. You want the first and second spools to control double acting cylinders with spring return to neutral; the third spool to control a hydraulic motor with detent positions.
3. You need to order the following:



**To determine price add:**

Valve Option (which was "X") .....	\$122.00
1st Spool (which was "B") .....	\$ 88.25
2nd Spool (which was "B") .....	\$ 88.25
3rd Spool (which was "F") .....	\$ 107.75
<b>Total</b>	<b>\$406.25</b>

**Valve Options**

- X Open center ..... **\$122.00**
- Y Open center Power Beyond ..... **\$130.00**
- Z Closed center (no relief) ..... **\$112.50**

**Standard Spool Types**

- A Single acting spring return ..... **\$ 89.30**
- B Double acting spring return ..... **\$ 88.25**
- C Double acting detent ..... **\$103.75**
- D Float spool 4 position ..... **\$116.10**
- E Motor spool spring return ..... **\$ 92.60**
- F Motor spool detent ..... **\$107.75**

**Series Spool Types**

- Allows more than one actuator to be operated at the same time. NOTE: Series section pressures are additive and the total must be less than the relief setting or pump pressure capability. Series section cannot be used in closed center applications. Ports SAE 8.
- G Double acting series spring return . **\$146.60**
- H Motor spool series spring return ..... **\$146.60**
- I Motor spool series detent ..... **\$162.15**

**Optional Spool Types**

- Ports SAE 8
- J Double acting spring return ..... **\$159.25**  
with adj. (1500-3000 PSI) work port reliefs
- K Double acting spring return ..... **\$215.80**  
with adj. (1500-2500 PSI) work port reliefs and anti-cavitation checks
- L Double acting spring return ..... **\$171.30**  
with pilot operated checks
- M Double acting spring return ..... **\$106.40**  
with metering notches in spool to allow better control of load
- N Double acting spring return ..... **\$163.20**  
with metering and non-adj. work port reliefs set 2000 PSI

Model	Size	Shpg.
1 Spool	8 5/8" x 5 7/8" x 3 1/4"	15 lbs.
2 Spool	8 5/8" x 7 1/4" x 3 1/4"	22 lbs.
3 Spool	8 5/8" x 8 3/4" x 3 1/4"	29 lbs.
4 Spool	8 5/8" x 10 1/8" x 3 1/4"	36 lbs.
5 Spool	8 5/8" x 11 5/8" x 3 1/4"	42 lbs.
6 Spool	8 5/8" x 13" x 3 1/4"	48 lbs.
7 Spool	8 5/8" x 14 1/2" x 3 1/4"	55 lbs.
8 Spool	8 5/8" x 16" x 3 1/4"	60 lbs.

• Brand new, Prince SV control valves with 12 volt DC solenoid control for work sections. Available in open center, open center with power beyond and closed center versions with single or double acting cylinder spools (work ports blocked in neutral) or motor spool (work ports open to tank in neutral). Open center and power beyond versions have a main inlet relief valve and special pressure buildup valve in outlet section to provide internal pilot pressure to shift the spools. Closed center valves do not have relief valve and do not require the buildup section. These valves can be supplied in multi-section configurations or even mixed with manual operated work sections. Please call our Tech Help 1-800-488-3407 for further information.



**Valve Options**

- X Open center ..... **\$151.00**
- Y Open center Power Beyond ..... **\$155.00**
- Z Closed center ..... **\$112.00**

**Work Section Options**

- P Single Acting Solenoid Operated..... **\$376.80**
  - O Double Acting Solenoid Operated ... **\$375.70**
  - Q Motor Spool Solenoid Operated ..... **\$379.70**
- Example: 9SV-2E-X-OO is a two spool, open center, 12 volt DC solenoid operated directional control valve for double acting cylinders.*

**Two Section Prince SV Spacer Section**

**ITEM 9-8455**  
**\$156.10**



• Brand new. Two section spacer block used with stackable Prince SV control valves. Use for creating separation between spools when using more than one joystick controller. The width of this block is the same width as two SV spools. This will need to be accounted for when considering bolt kit lengths.

**SPECIFICATIONS**

- Size 5" x 2 7/8" x 3"
- Shpg. 5 lbs.