

ORDERING INFORMATION:

The following is a listing of valve sections available from stock on a standard basis.

STANDARD SECTIONS AVAILABLE:

INLET SECTIONS ALL HAVE BOTH TOP AND SIDE INLET PORTS

| PART NO. | RELIEF TYPE AND SETTING | PORT SIZE |
|----------|---|--------------------------|
| SVI21 | No Relief | #10 SAE ORB (7/8-14 THD) |
| SVI24 | Adjustable Low Pressure Relief Set at 1000 PSI | #10 SAE ORB (7/8-14 THD) |
| SVI15 | Adjustable High Pressure Relief Set At 2000 PSI | #8 SAE ORB (3/4-16 THD) |
| SVI25 | Adjustable High Pressure Relief Set at 2000 PSI | #10 SAE ORB (7/8-14 THD) |

WORK SECTIONS ALL HAVE #8 SAE ORB (3/4-16 THD) PORTS, LOAD CHECK AND STANDARD LEVER HANDLE

| PART NO. | SPOOL TYPE AND ACTION |
|----------|--|
| SVW1AA1 | 3-Way Single Acting w/ Spring Center |
| SVW1BA1 | 4-Way Double Acting w/ Spring Center (Work Ports Blocked in Neutral) |
| SVW1BB1 | 4-Way Double Acting w/ 3 Position Detent (Work Ports Blocked in Neutral) |
| SVW1CA1 | 4-Way Motor Spool w/ Spring Center (Work Ports Open to Tank in Neutral) |
| SVW1CB1 | 4-Way Motor Spool w/ 3 Position Detent (Work Ports Open to Tank in Neutral) |
| SVW1DD1 | 4-Way 4 Position Float w/ Spring Center and Float Detent |
| SVL1CA1 | 4-Way Spool w/ Spring Center (with Pilot Operated Checks on Both Work Ports) |
| SVM1ES1 | 4-Way Meter Spool w/ Spring Center (Work Ports Blocked in Neutral) |

PORT RELIEF WORK SECTIONS ALL HAVE #8 SAE ORB (3/4-16 THD) PORTS, LOAD CHECK AND STANDARD LEVER HANDLE. MODELS WITH RELIEF FACTORY SET AT 2000 PSI AT 3 GPM.

| PART NO. | SPOOL TYPE AND ACTION | PORT RELIEFS |
|-----------|--|-------------------------------|
| SVH1BA1AA | 4-Way Double Acting w/ Spring Center | Port Relief Plugged |
| SVH1BA1GG | 4-Way Double Acting w/ Spring Center | Adjustable 1500-3000 PSI |
| SVH1DD1AA | 4-Way 4 Position Float w/ Spring Center and Float Detent | Port Relief Plugged |
| SVH1DD1BB | 4-Way 4 Position Float w/ Spring Center and Float Detent | Shim Adjustable 1500-3000 PSI |
| SVR1ES1AA | 4-Way Meter Spool w/ Spring Center | Port Relief Plugged |
| SVR1ES1GG | 4-Way Meter Spool w/ Spring Center | Adjustable 1500-3000 PSI |
| SVS1GA1GG | 4-Way Double Acting Series w/ Spring Center | Adjustable 1500-3000 PSI |
| SVS1GA1AA | 4-Way Double Acting Series w/ Spring Center | Port Relief Plugged |

OUTLET SECTIONS ALL HAVE BOTH TOP AND SIDE OUTLET PORTS

| PART NO. | EXHAUST OPTIONS | PORT SIZE |
|----------|--|--------------------------|
| SVE11 | Open Center Outlet w/ Conversion Plug | #8 SAE ORB (3/4-16 THD) |
| SVE21 | Open Center Outlet w/ Conversion Plug | #10 SAE ORB (7/8-14 THD) |
| SVE22 | Power Beyond Outlet w/ #8 SAE Beyond Port | #10 SAE ORB (7/8-14 THD) |
| SVE23 | Closed Center Outlet | #10 SAE ORB (7/8-14 THD) |
| SVE26 | Open Center Outlet Pressure Build-up Valve | #10 SAE ORB (7/8-14 THD) |
| SVE27 | Power Beyond Pressure Build-up Valve | #10 SAE ORB (7/8-14 THD) |

TIE ROD KITS

TIE ROD TORQUE
150in-lbs ± 6in-lbs
(12 1/2 ft-lbs ± 1/2)

| PART NO. | SECTIONS* |
|-----------|-------------|
| 660401001 | 1 Section* |
| 660401002 | 2 Sections* |
| 660401003 | 3 Sections* |
| 660401004 | 4 Sections* |
| 660401005 | 5 Sections* |

| PART NO. | SECTIONS* |
|-----------|--------------|
| 660401006 | 6 Sections* |
| 660401007 | 7 Sections* |
| 660401008 | 8 Sections* |
| 660401009 | 9 Sections* |
| 660401010 | 10 Sections* |

SPECIAL INLET AND OUTLET SECTIONS AVAILABLE: Sections other than standard models listed can be made to order. Use order code Matrix below to generate a model number that meets your requirements. If you prefer, contact your Sales Representative with your specific requirements and a model number will be assigned for you. This model number can be used for future orders. A minimum order quantity will apply to special valves. Please consult Sales Representative.

INLET SECTIONS

All inlet sections have top and side inlets.

S V I X X - X X X X

PORT SIZE

- 1. #8 SAE ORB (3/4-16 THD)
- 2. #10 SAE ORB (7/8-14 THD)

RELIEF SETTING (in PSI)

- RELIEF OPTION**
- 1. No Relief Plug
 - 4. Adj. Low Pressure 500-1500 PSI
 - 5. Adj. High Pressure 1500-3000 PSI
 - 6. Plastic Plug in relief cavity. Use only when cartridge is to be installed at a later date.

OUTLET SECTION

All outlet sections have top and side outlets.

S V E X X

PORT SIZE

- 1. #8 SAE ORB (3/4-16 THD)
- 2. #10 SAE ORB (7/8-14 THD)

EXHAUST OPTION

- 1. Std. Open Center Outlet w/Conversion Plug
- 2. Power Beyond Outlet w/#8 SAE Beyond Port
- 3. Closed Center Outlet ⁰
- 6. Open Center Outlet Pressure Build-up
- 7. Power Beyond Pressure Build-up #8 SAE Beyond Port

⁰ Often used with no relief. Review application

VALVE ASSEMBLIES

The Model SV sectional body directional control valve can be ordered as separate sections or as a complete factory tested assembly. This will need to be specified with each order. An assembly number will be assigned at the time of the order. This assembly number can then be used for future orders.

ASSEMBLY MODEL NUMBER SVA-XXXX

XXXX = Sequence of Numbers. This number will be assigned to final valve to be assembled and tested at the factory. Each new order or quote will be assigned a new assembly model number. Please use quotation sheet at the end of SV section.