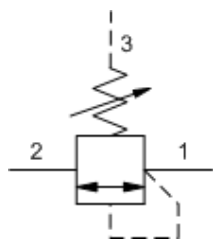
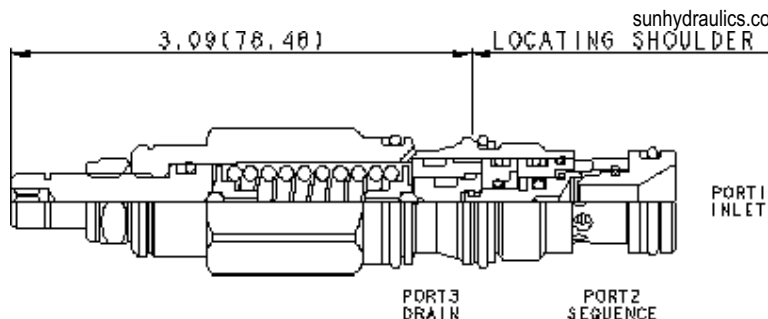




## CONFIGURATION

|                                |                  |                                                                   |
|--------------------------------|------------------|-------------------------------------------------------------------|
| <b>L</b>                       | Control          | Standard Screw Adjustment                                         |
| <b>A</b>                       | Adjustment Range | 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting |
| <b>N</b>                       | Seal Material    | Buna-N                                                            |
| <b>(none)</b> Material/Coating |                  |                                                                   |

Direct-acting sequence valves will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3).

## TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

|                                                        |                         |
|--------------------------------------------------------|-------------------------|
| Cavity                                                 | T-11A                   |
| Series                                                 | 1                       |
| Capacity                                               | 15 gpm                  |
| Maximum Operating Pressure                             | 5000 psi                |
| Factory Pressure Settings Established at               | 2 in <sup>3</sup> /min. |
| Maximum Valve Leakage at Reseat                        | 10 drops/min.           |
| Response Time - Typical                                | 2 ms                    |
| Adjustment - No. of CW Turns from Min. to Max. setting | 4                       |
| Valve Hex Size                                         | 7/8 in.                 |
| Valve Installation Torque                              | 30 - 35 lbf ft          |
| Adjustment Screw Internal Hex Size                     | 5/32 in.                |
| Locknut Hex Size                                       | 9/16 in.                |
| Locknut Torque                                         | 80 - 90 lbf in.         |
| Seal kit - Cartridge                                   | Buna: 990011007         |
| Seal kit - Cartridge                                   | Polyurethane: 990011002 |
| Seal kit - Cartridge                                   | Viton: 990011006        |
| Model Weight                                           | 0.44 lb.                |

## CONFIGURATION OPTIONS

### Model Code Example: SXCALAN

| CONTROL                                 | (L) ADJUSTMENT RANGE                                                          | (A) SEAL MATERIAL | (N) MATERIAL/COATING            |
|-----------------------------------------|-------------------------------------------------------------------------------|-------------------|---------------------------------|
| <b>L</b> Standard Screw Adjustment      | <b>A</b> 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting    | <b>N</b> Buna-N   | Standard Material/Coating       |
| <b>C</b> Tamper Resistant - Factory Set | <b>B</b> 300 - 1500 psi (20 - 105 bar), 1000 psi (70 bar) Standard Setting    | <b>V</b> Viton    | /AP Stainless Steel, Passivated |
|                                         | <b>C</b> 2000 - 6000 psi (140 - 420 bar), 2000 psi (140 bar) Standard Setting |                   | /LH Mild Steel, Zinc-Nickel     |
|                                         | <b>D</b> 200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting       |                   |                                 |
|                                         | <b>E</b> 100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting        |                   |                                 |
|                                         | <b>W</b> 800 - 4500 psi (55 - 315 bar), 1000 psi (70 bar) Standard Setting    |                   |                                 |

## TECHNICAL FEATURES

- All 3 port sequence cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size).
- Although this is a zero pilot flow valve, port 3 (drain) must be connected to maintain a pressure reference in the control chamber. If port 3 is blocked, reciprocating seal weepage will cause the valve to malfunction.
- Pressure at port 3 is directly additive to the valve setting at a 1:1 ratio and should not exceed 5000 psi (350 bar).
- Suitable for use in load holding applications.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP for external stainless steel components, or /LH for external zinc-nickel plated components. See the CONFIGURATION section for all options. For further details, please see the Materials of Construction page located under TECH RESOURCES.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

## PERFORMANCE CURVES

