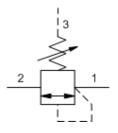
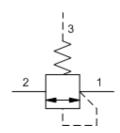
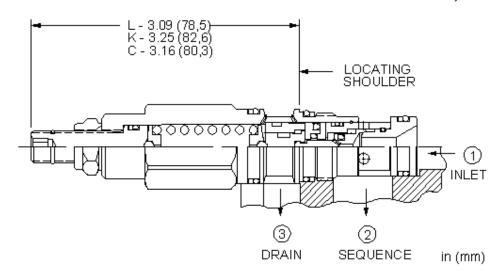




snhy.com/SXCA







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
Factory Pressure Settings Established at	2 in³/min.
Maximum Operating Pressure	5000 psi
Response Time - Typical	2 ms
Maximum Valve Leakage at Reseat	10 drops/min.
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

**/LH** Mild Steel. Zinc-Nickel

L Standard Screw Adjustment
C Tamper Resistant - Factory Set

**A** 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting

- **B** 300 1500 psi (20 105 bar), 1000 psi (70 bar) Standard Setting
- C 2000 6000 psi (140 420 bar), 2000 psi (140 bar) Standard Setting
- **D** 200 800 psi (14 55 bar), 400 psi (28 bar) Standard Setting
- **E** 100 400 psi (7 28 bar), 200 psi (14 bar) Standard Setting
- **W** 800 4500 psi (55 315 bar), 1000 psi (70 bar) Standard Setting

N Buna-N Standard Material/Coating
V Viton /AP Stainless Steel, Passivated

# **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

