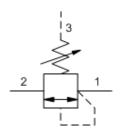
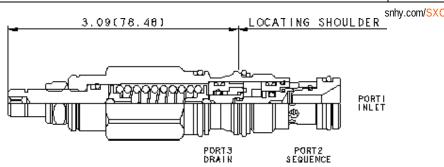


MODEL SXCA Direct-acting sequence valve without reverse flow check

SERIES 1 / CAPACITY: 15 gpm / CAVITY: T-11A







CONFIGURATION

L	Control	Standard Screw Adjustment
В	Adjustment Range	300 - 1500 psi (20 - 105 bar), 1000 psi (70 bar) Standard Setting
N	Seal Material	Buna-N
(none) Material/Coating		Standard 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

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 - Number of Clockwise Turns to Increase Setting	4
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

CONFIGURATION OPTIONS

Model Code Example: SXCALBN

L Standard Screw Adjustment

CONTROL

C Tamper Resistant - Factory Set

B 300 - 1500 psi (20 - 105 bar), 1000 psi (70 bar) Standard Setting

(L) ADJUSTMENT RANGE

- A 500 3000 psi (35 210 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

(B) SEAL MATERIAL N Buna-N

V Viton

Standard Material/Coating

(N) MATERIAL/COATING

IAP Stainless Steel, Passivated ILH Mild Steel, Zinc-Nickel

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

