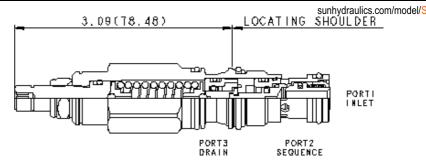


## CONFIGURATION

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



Direct-acting sequence valves with reverse-flow check will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. Additionally, these valves incorporate an integral check valve to provide reverse flow from port 2 (sequence) to port 1 (inlet). 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	60 L/min.	
Factory Pressure Settings Established at	30 cc/min.	
Maximum Operating Pressure	350 bar	
Maximum Valve Leakage at Reseat	0,7 cc/min.	
Check Cracking Pressure	2,8 bar	
Response Time - Typical	2 ms	
Adjustment - No. of CW Turns from Min. to Max. setting	5	
Valve Hex Size	22,2 mm	
Valve Installation Torque	41 - 47 Nm	
Adjustment Screw Internal Hex Size	4 mm	
Locknut Hex Size	15 mm	
Locknut Torque	9 - 10 Nm	
Seal kit - Cartridge	Buna: 990011007	
Seal kit - Cartridge	EPDM: 990011014	
Seal kit - Cartridge	Polyurethane: 990011002	
Seal kit - Cartridge	Viton: 990011006	
Model Weight	0.20 kg.	

# **CONFIGURATION OPTIONS**

# Model Code Example: SCCALBN

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

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## **TECHNICAL FEATURES**

- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- 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

