



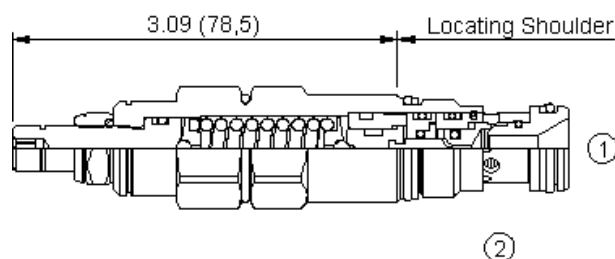
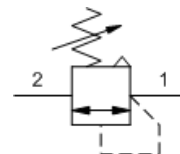
Atmospherically referenced, direct-acting sequence valve without reverse flow check

Capacity:
15 gpm (60
L/min.)

Model:
SXCБ

Product Description

Atmospherically referenced, 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 this sequence valve controls the pressure at port 1 relative to the atmospheric vent.

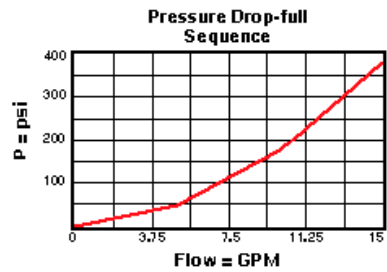
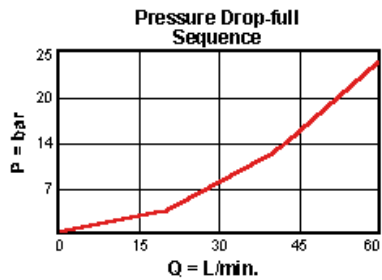


Technical Features

- Atmospherically referenced valves should only be used where it is impossible to have a drain connection. Over time, the atmospherically referenced valves may leak externally or allow moisture into the spring chamber.
- Approximately 1 drop (0,07 cc) of fluid will pass into the vented spring chamber every 4000 cycles.
- Suitable for use in load holding applications.
- 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.

Technical Data

	U.S. Units	Metric Units
Cavity	T-13A	
Capacity	15 gpm	60 L/min.
Factory Pressure Settings Established at	2 in ³ /min.	30 cc/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at Reseat	10 drops/min.	0,7 cc/min.
Response Time - Typical	2 ms	
Series (from Cavity)	Series 1	
U.S. Patent #	4,834,135	
Adjustment - Number of Clockwise Turns to Increase Setting	4	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Adjustment Screw Internal Hex Size	5/32 in.	4 mm
Adjustment Locknut/Cap Hex Size	9/16 in.	15 mm
Adjustment Nut Torque	80 - 90 lbf in.	9 - 10 Nm
Seal Kits - Cartridge	Buna: 990-010-007	
Seal Kits - Cartridge	Viton: 990-010-006	
Model Weight	0.46 lb.	0.21 kg.



SXCB-LAN

Control	Adjustment Range	Seal Material
Standard Options	Standard Options	Standard Options
C* Tamper Resistant - Factory Set	A 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting	N Buna-N
K Handknob	B 300 - 1500 psi (20 - 105 bar), 1000 psi (70 bar) Standard Setting	V Viton
L Standard Screw Adjustment	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	

* Special Setting required, specify at time of order
Customer specified setting stamped on hex.