



Atmospherically referenced, direct-acting sequence valve with reverse flow check

Capacity:
15 gpm (60 L/min.)

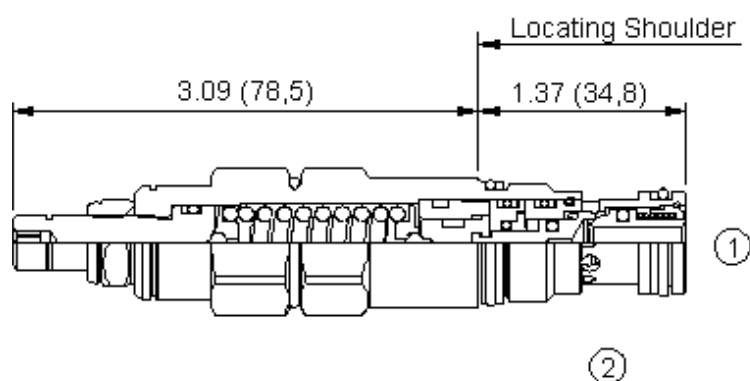
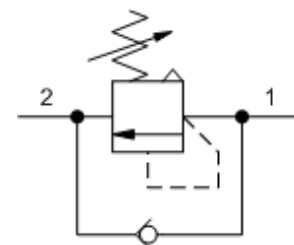
Functional Group:

Products : Cartridges : Sequence : 2-Port : Atmospherically Referenced, Direct Acting with Reverse Flow Check

Model:
SCCB

Product Description

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



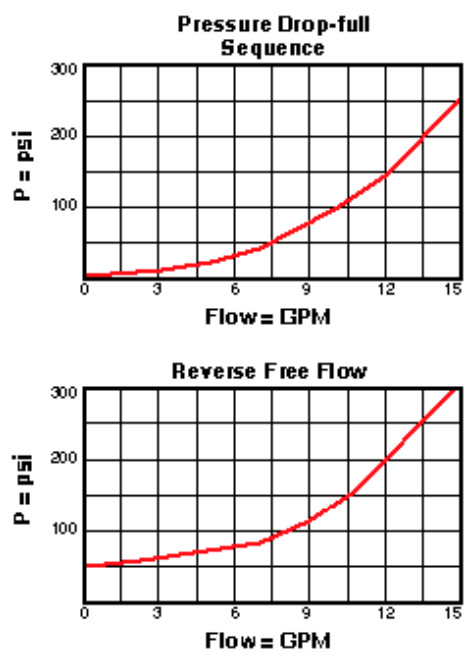
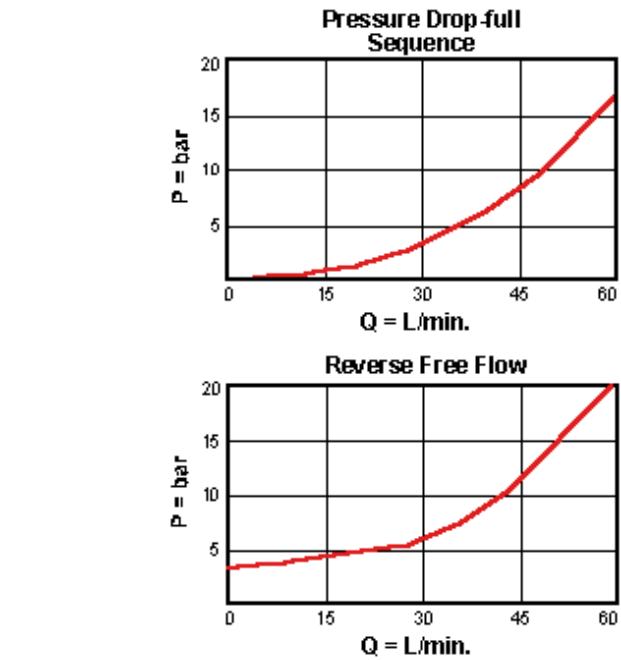
Technical Features

- Suitable for use in load holding applications.
- Approximately 1 drop (0,07 cc) of fluid will pass into the vented spring chamber every 4000 cycles.
- 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.
- 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.

Technical Data

	U.S. Units	Metric Units
Cavity	T-13A	
Capacity	15 gpm	60 L/min.
Check Cracking Pressure	40 psi	2,8 bar
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	
Adjustment - Number of Clockwise Turns to Increase Setting	5	
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.	06.2011 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.



SCCB-LAN

Control	Adjustment Range	Seal Material
Standard Options	Standard Options	Standard Options
C* L Tamper Resistant - Factory Set Standard Screw Adjustment	A B C D E W 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting 300 - 1500 psi (20 - 105 bar), 1000 psi (70 bar) Standard Setting 2000 - 6000 psi (140 - 420 bar), 2000 psi (140 bar) Standard Setting 200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting 100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting 800 - 4500 psi (55 - 315 bar), 1000 psi (70 bar) Standard Setting	N V Buna-N Viton

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