



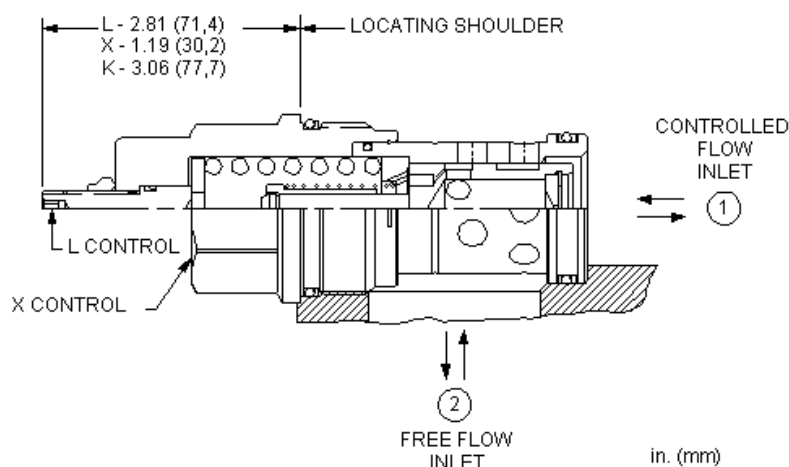
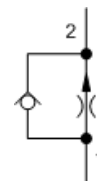
Fixed orifice pressure compensated flow control valve with reverse flow check

Capacity:
50 gpm (200
L/min.)

Model:
FCFB

Product Description

Fixed-orifice, pressure-compensated flow controls with reverse-flow check provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. An integral high-capacity check valve provides unrestricted flow from port 2 to port 1. The flow setting is specified by the user and is set at the factory.



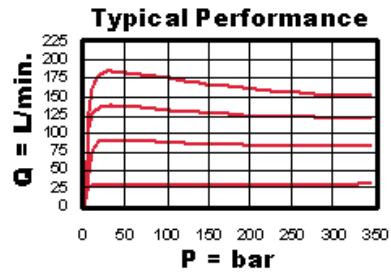
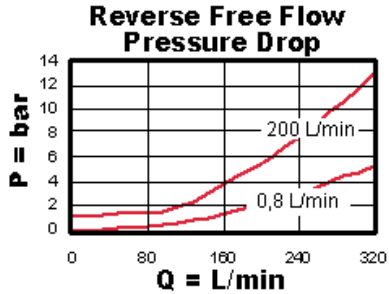
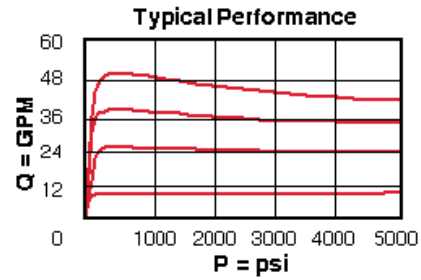
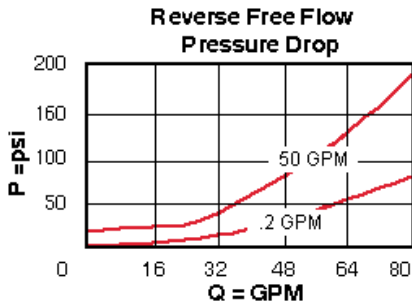
Technical Features

- Customer must specify a flow rating. Factory set flow ratings are within +/- 10% of the requested setting.
- The tuneable control option provides +/- 20% variation from the nominal factory pre-set flow. Turn the adjustment clockwise to increase.
- All 2-port flow control cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size). However, cartridge extension dimensions from the mounting surface may vary.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- 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-18A	
Capacity	50 gpm	200 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 4	
Valve Hex Size	1 5/8 in.	41,3 mm
Valve Installation Torque	350 - 375 lbf ft	475 - 500 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: 990-018-007	

Seal Kits - Cartridge	Viton: 990-018-006	
Model Weight	2.01 lb.	0.91 kg.



FCFB-XAN

Control	Setting Range	Seal Material
Preferred Options	Preferred Options	Preferred Options
L Tuning Adjustment	A* Replaceable Orifice .2 - 50 gpm (1 - 200 L/min.)	N Buna-N
Standard Options		Standard Options
K Handknob		V Viton
X Not Adjustable		
Additional Options		
Control	Setting Range	Seal Material
C* Tamper Resistant - Factory Set	B* Permanent Orifice .2 - 50 gpm (1 - 200 L/min.)	

* Special Setting required, specify at time of order