



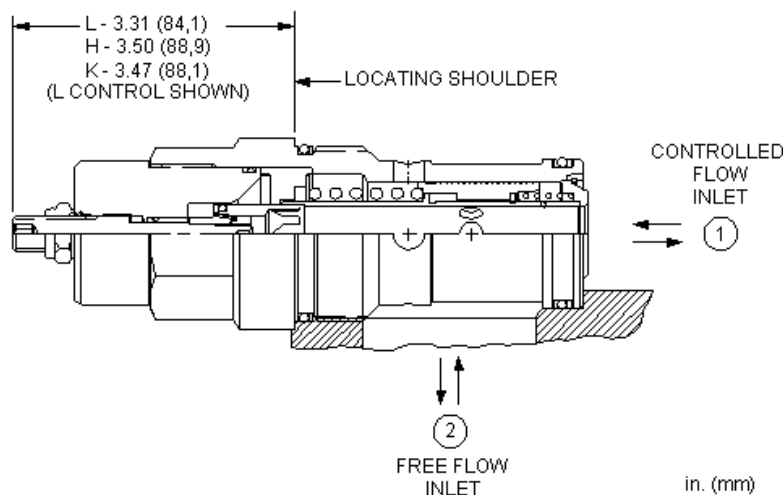
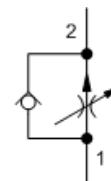
Fully adjustable pressure compensated flow control valve with reverse flow check

Capacity:
50 gpm (200
L/min.)

Model:
FDFA

Product Description

Fully adjustable, 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. They are infinitely adjustable from nearly closed up to the maximum flow. An integral high-capacity check valve provides unrestricted flow from port 2 to port 1.



Technical Features

- 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.
- A balanced adjustment mechanism allows for easy adjustment even at high pressures.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.

Technical Data

	U.S. Units	Metric Units
Cavity	T-18A	
Capacity	50 gpm	200 L/min.
Adjustment - Number of Counterclockwise Turns - Fully Closed to Fully Open	5	
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 4	
U.S. Patent #	4,630,640	
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	

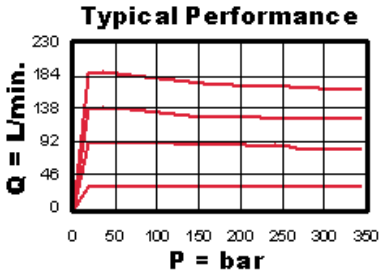
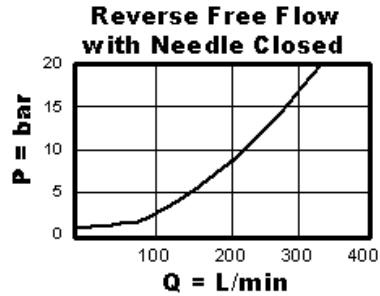
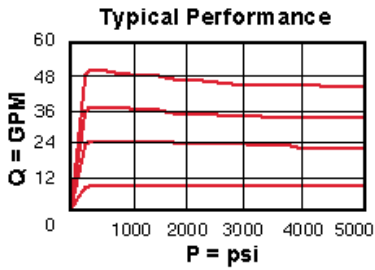
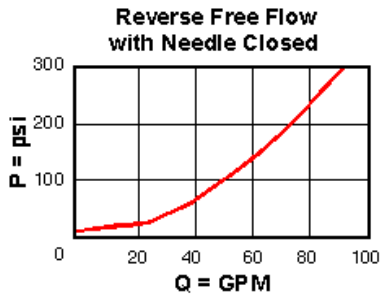
Seal Kits - Cartridge

Viton: 990-018-006

Model Weight

2.78 lb.

1.26 kg.



FDFA-LAN

Control

Preferred Options

L Standard Screw Adjustment
Standard Options

H Calibrated Handknob with
Detent Lock

K Handknob

Adjustment Range

Preferred Options

A .2 - 50 gpm (1 - 200 L/min.)

Seal Material

Preferred Options

N Buna-N
Standard Options

V Viton

Customer specified setting stamped on hex.