



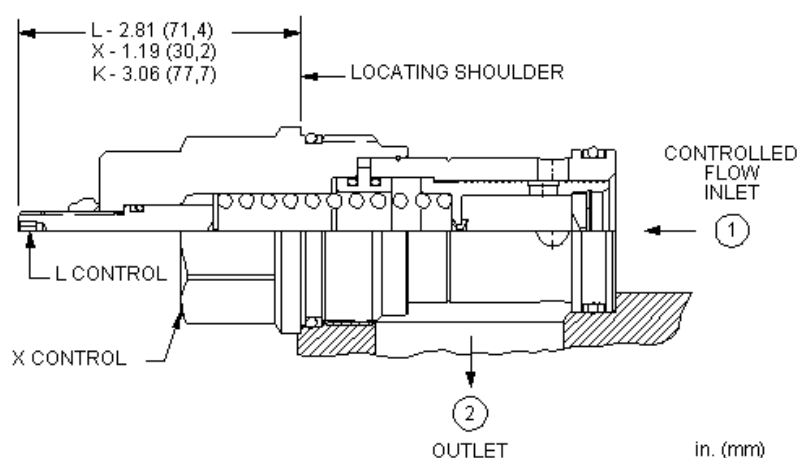
Fixed orifice, pressure compensated flow control valve

Capacity:
50 gpm (200 L/min.)

Model:
FXFA

Product Description

Fixed-orifice, pressure-compensated flow controls provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. 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 $\pm 10\%$ of the requested setting.
- The tuneable control option provides $\pm 20\%$ 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	2.05 lb.	0.93 kg.



FXFA-XAN

Control

Preferred Options

L Tuning Adjustment
Standard Options

K Handknob
X Not Adjustable

Additional Options

Setting Range

Preferred Options

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

B* Permanent Orifice .2 - 50 gpm (1 - 200
L/min.)

Seal Material

Preferred Options

N Buna-N
Standard Options

V Viton

Control

Setting Range

Seal Material

* Special Setting required, specify at time of order