



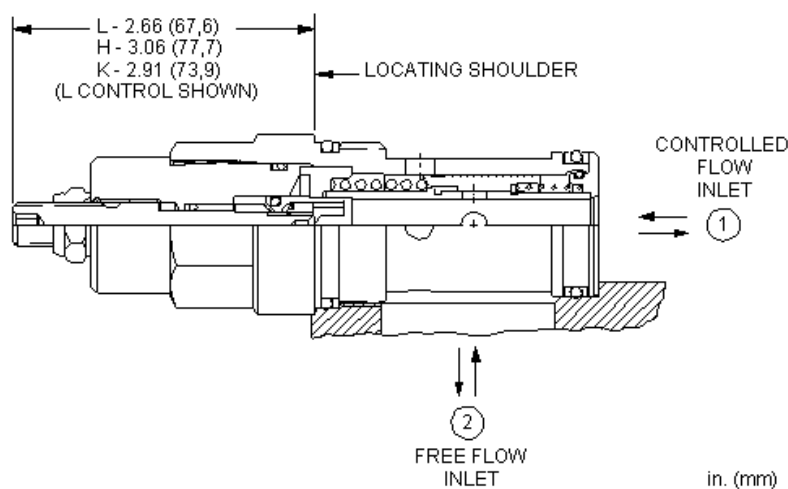
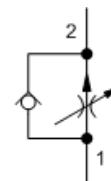
Fully adjustable pressure compensated flow control valve with reverse flow check

Capacity:
25 gpm (95
L/min.)

Model:
FDEA

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-16A	
Capacity	25 gpm	95 L/min.
Adjustment - Number of Counterclockwise Turns - Fully Closed to Fully Open	5	
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 3	
U.S. Patent #	4,630,640	
Valve Hex Size	1 1/4 in.	31,8 mm
Valve Installation Torque	150 - 160 lbf ft	200 - 215 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: 990-016-007	

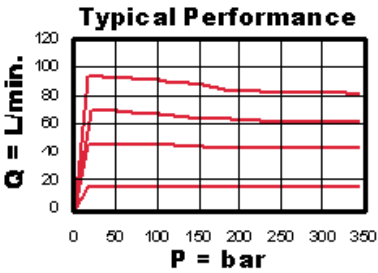
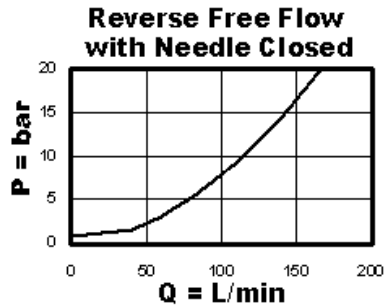
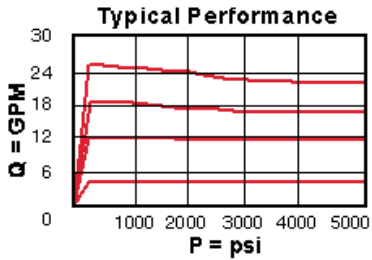
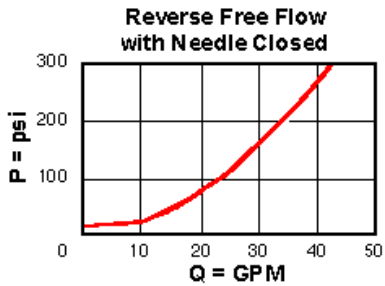
Seal Kits - Cartridge

Viton: 990-016-006

Model Weight

1.31 lb.

0.59 kg.



FDEA-LAN

Control

Preferred Options

L Standard Screw Adjustment
Standard Options

H Calibrated Handknob with
Detent Lock

K Handknob

Adjustment Range

Preferred Options

A .2 - 25 gpm (0,8 - 95 L/min.)
Standard Options

B .2 - 16 gpm (0,8 - 60 L/min.)

Seal Material

Preferred Options

N Buna-N
Standard Options

V Viton