

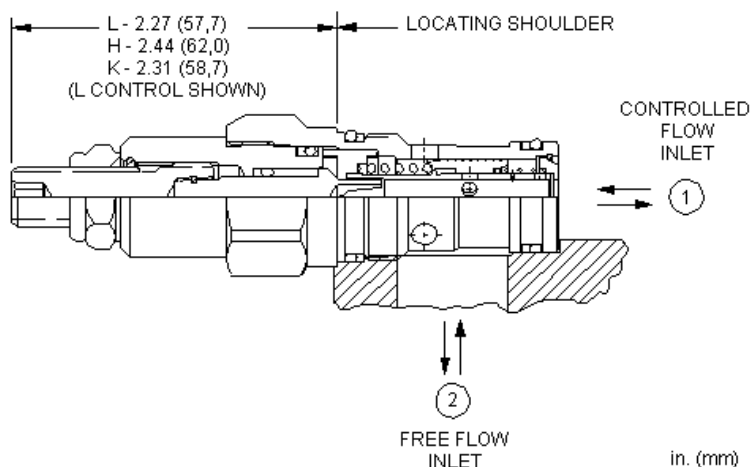
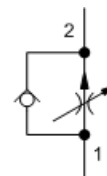


Fully adjustable pressure compensated flow control valve with reverse flow check

Capacity:
6 gpm (23
L/min.)
Model:
FDBA

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.

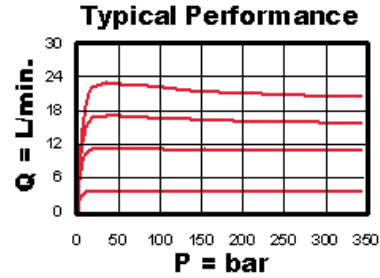
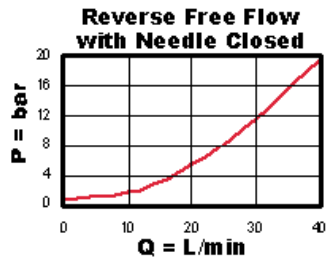
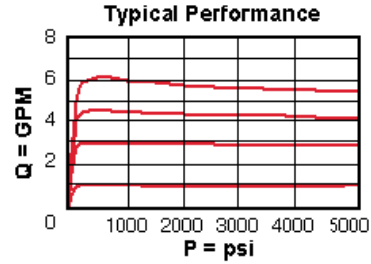
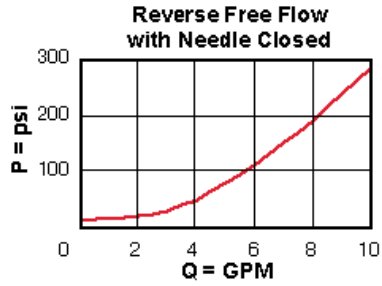


Technical Features

- 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-13A	
Capacity	6 gpm	23 L/min.
Adjustment - Number of Counterclockwise Turns - Fully Closed to Fully Open	5	
Maximum Operating Pressure	5000 psi	350 bar
Series (from Cavity)	Series 1	
U.S. Patent #	4,630,640	
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.	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	0.32 lb.	0.15 kg.



FDBA-LAN

Control

Preferred Options

L Standard Screw Adjustment
Standard Options

H Calibrated Handknob with
Detent Lock

K Handknob

Adjustment Range

Preferred Options

A .1 - 6 gpm (0,4 - 23 L/min.)
Standard Options

B .1 - 2 gpm (0,4 - 8 L/min.)

Seal Material

Preferred Options

N Buna-N
Standard Options

V Viton

Material/Coating Modifier

Preferred Options

No modifier (standard material
with no special coating)
Special Options

/ AP Stainless Steel, Passivated

Control:L

Control:Y

*Our stainless product line is
growing! If you are interested in
a stainless option for this model
which is not shown please
contact Sun.*

Additional Options

Control

C* Tamper Resistant - Factory Set

O Handknob with Panel Mount

Adjustment Range

C .1 - 1 gpm (0,4 - 4 L/min.)

W .1 - 5 gpm (0,4 - 20 L/min.)

Y .1 - 4 gpm (0,4 - 15 L/min.)

Seal Material