



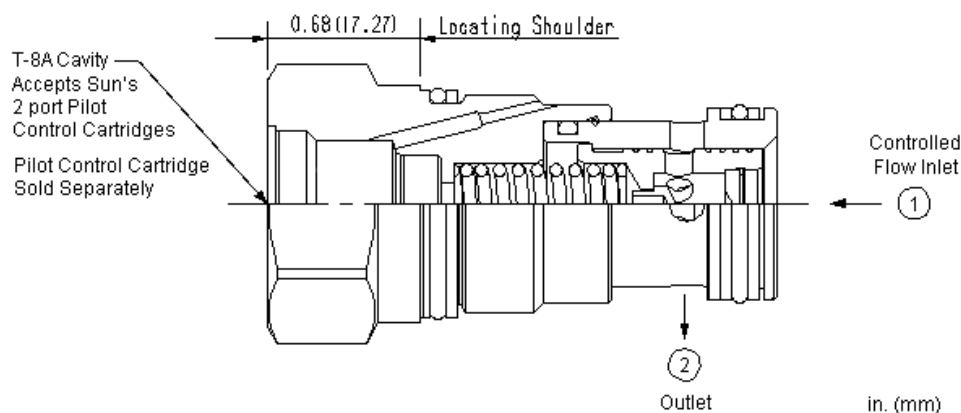
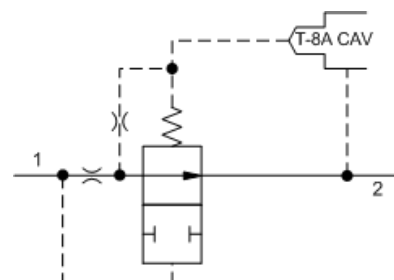
Ventable fixed orifice, pressure compensated flow control valve with integral T-8A control cavity

Capacity:
12 gpm (45
L/min.)

Model:
FXDA8

Product Description

This valve is a fixed-orifice, pressure-compensated flow control valve with an integral pilot control cavity. The pilot control cavity will accept any T-8A pilot control cartridge. This type of valve provides 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.



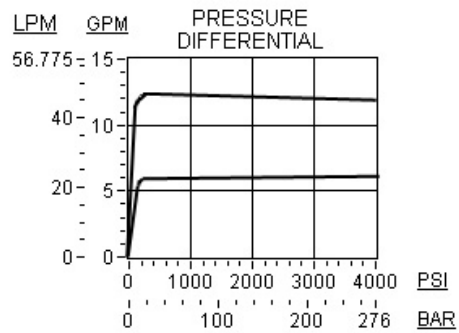
Technical Features

- Customer must specify a flow rating. Factory set flow ratings are within +/- 10% of the requested setting.
- Note: With the -8 control option, the main stage valve should first be installed to the correct torque value. The T-8A pilot control valve should then be installed into the main stage valve to its required torque value.
- The -8 control option allows the pilot control valve to be incorporated directly into the end of the flow control cartridge via the T-8A cavity. These pilot control cartridges are sold separately and include electro-proportional, solenoid, air pilot, and hydraulic pilot operation. See Pilot Control Cartridges for more information.
- 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-5A
Capacity	12 gpm	45 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Pilot Control Cavity		T-8A
Series (from Cavity)		Series 2

Valve Hex Size	1 1/8 in.	28,6 mm
Valve Installation Torque	45 - 50 lbf ft	60 - 70 Nm
Seal Kits - Cartridge	Buna: 990-203-007	
Seal Kits - Cartridge	Viton: 990-203-006	
Model Weight	0.37 lb.	0.17 kg.



FXDA-8AN

Setting Range	Seal Material	
Standard Options	Standard Options	
A Replaceable Orifice .1 - 12 gpm (0,4 - 45 L/min.)	N	Buna-N
B Permanent Orifice .1 - 12 gpm (0,4 - 45 L/min.)	V	Viton

Customer specified setting stamped on hex.