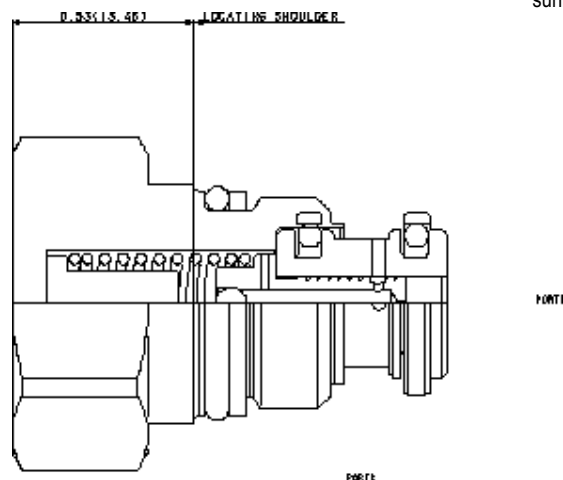




CONFIGURATION

X	Control	Not Adjustable
A	Flow Rate	15 in ³ /min. (250 cc/min.)
N	Seal Material	Buna-N
(none)	Material/Coating	



Fixed-orifice, pressure-compensated flow controls provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. A variety of flow rates are available.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-8A
Series	P
Capacity	.5 gpm
Maximum Operating Pressure	5000 psi
Valve Hex Size	7/8 in.
Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990008007
Seal kit - Cartridge	EPDM: 990008014
Seal kit - Cartridge	Polyurethane: 990008002
Seal kit - Cartridge	Viton: 990008006
Model Weight	0.13 lb.

CONFIGURATION OPTIONS

Model Code Example: FXAAXAN

CONTROL	(X)	FLOW RATE	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING
X Not Adjustable		A 15 in ³ /min. (250 cc/min.)		N Buna-N		Standard Material/Coating
		B 20 in ³ /min. (330 cc/min.)		E EPDM		/AP Stainless Steel, Passivated
		D 40 in ³ /min. (660 cc/min.)		V Viton		/LH Mild Steel, Zinc-Nickel
		F 60 in ³ /min. (1 L/min.)				
		H 80 in ³ /min. (1.3 L/min.)				
		J 100 in ³ /min. (1.6 L/min.)				
		L 120 in ³ /min. (2.0 L/min.)				

TECHNICAL FEATURES

- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- Will accept 5000 psi (350 bar) at ports 1 and 2.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- Flow Tolerances A Flow Rate +/- 2.0 in³/min. (+/- 32 cc/min.) B Flow Rate +/- 2.5 in³/min. (+/- 40 cc/min.) D and F Flow Rates +/- 3.0 in³/min. (+/- 48 cc/min.) H and J Flow Rates +/- 4.0 in³/min. (+/- 64 cc/min.) L Flow Rate +/- 4.5 in³/min. (+/- 72 cc/min.)
- 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.

PERFORMANCE CURVES

