



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 Internal Hex Size	5/16 in.
Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990008007
Seal kit - Cartridge	Polyurethane: 990008002
Seal kit - Cartridge	Viton: 990008006
Model Weight	0.11 lb.

CONFIGURATION OPTIONS

Model Code Example: FXAGArray

CONTROL	(X) FLOW RATE	(A) SEAL MATERIAL	(N) MATERIAL/COATING
X Not Adjustable	A 15 in ³ /min. (250 cc/min.) B 20 in ³ /min. (330 cc/min.) D 40 in ³ /min. (660 cc/min.) 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.)	N Buna-N L Extended Temp. Buna V Viton	Standard Material/Coating /AP Stainless Steel, Passivated

TECHNICAL FEATURES

- Flush mount valves provide a small footprint. They can easily be mounted flush with the surface of the manifold.
- Will accept 5000 psi (350 bar) at ports 1 and 2.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- 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

