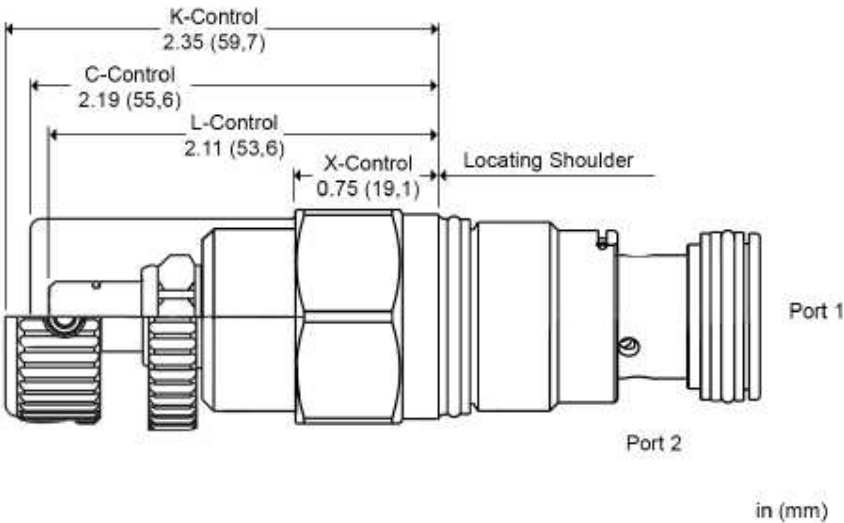




CONFIGURATION

X	Control	Not Adjustable
A	Flow Rate	.106 gpm (.4 L/min.)
N	Seal Material	Buna-N



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

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

Cavity	T-5A
Series	2
Capacity	12 gpm
Maximum Operating Pressure	5000 psi
Valve Hex Size	1 1/8 in.
Valve Installation Torque	45 - 50 lbf ft
Adjustment Screw Internal Hex Size	5/32 in.
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990203007
Seal kit - Cartridge	EPDM: 990203014
Seal kit - Cartridge	Viton: 990203006

CONFIGURATION OPTIONS

Model Code Example: FXDCXAN

CONTROL	(X)	FLOW RATE	(A)	SEAL MATERIAL	(N)
X Not Adjustable		A .106 gpm (.4 L/min.)		N Buna-N	
C Tamper Resistant - Factory Set		B .264 gpm (1.0 L/min.)		V Viton	
K Handknob		C .528 gpm (2.0 L/min.)			
L Standard Screw Adjustment		D .793 gpm (3.0 L/min.)			
		F .991 gpm (3.75 L/min.)			
		G 1.215 gpm (4.6 L/min.)			
		H 1.479 gpm (5.6 L/min.)			
		J 1.823 gpm (6.9 L/min.)			
		K 2.245 gpm (8.5 L/min.)			
		L 2.774 gpm (10.5 L/min.)			
		M 3.434 gpm (13.0 L/min.)			
		N 4.227 gpm (16.0 L/min.)			
		P 5.178 gpm (19.6 L/min.)			
		R 6.472 gpm (24.5 L/min.)			
		S 7.925 gpm (30.0 L/min.)			
		T 9.774 gpm (37.0 L/min.)			
		V 11.888 gpm (45.0 L/min.)			

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.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- Customer must select a nominal flow setting range from the available options. Factory flow settings are within +/- 10% of the nominal flow setting for the "L" and "K" controls and within +/- 15% for the "X" control.
- The tunable control options, "L" control and "K" control, provide +/- 25% variation from the nominal factory pre-set flow. Turn the adjustment clockwise to increase flow and counterclockwise to decrease it.
- 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

