



in (mm)

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.
Model Weight	.40 lb
Seal kit - Cartridge	Buna: 990-203-007
Seal kit - Cartridge	EPDM: 990-203-014
Seal kit - Cartridge	Viton: 990-203-006

OPTION SELECTION EXAMPLE: FXDCLXAN

CONTROL	(L) FLOW RATE	(A) SEAL MATERIAL	(N)
L Standard Screw Adjustment	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.)		
X Not Adjustable	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.
- 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.
- 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.

PERFORMANCE CURVES

