

Fully adjustable needle valve with reverse flow check

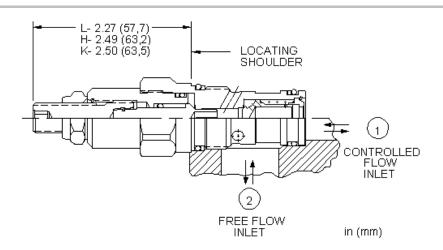
Capacity: .09 in. (2,3 mm)

> Model: NCCC

Product Description

Needle valves with reverse-flow check are fully adjustable orifices used to regulate flow. They are infinitely adjustable from fully closed up to the maximum orifice diameter. An integral high-capacity check valve provides unrestricted flow from port 2 to port 1. They are not pressure-compensated.



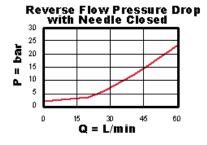


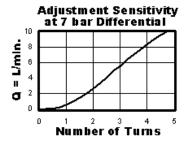
Technical Features

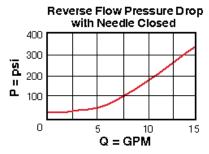
- All 2-port flow control cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size). However, cartridge extension dimensions from the mounting surface may vary.
- Because needle valves are non-compensating devices, the fixed orifice size will regulate flow through the valve in proportion to the square root of the pressure differential across ports 1 and 2.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.

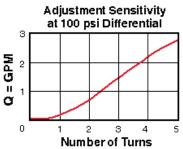
Technical Data

	U.S. Units	Metric Units	
Cavity	T-13A		
Capacity	.09 in.	2,3 mm	
Adjustment - Number of Counterclockwise Turns - Fully Closed to Fully Open	5		
Maximum Operating Pressure	5000 psi	350 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.	0,3 cc/min.	
Series (from Cavity)	Series 1		
Valve Hex Size	7/8 in.	22,2 mm	
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm	
Adjustment Screw Internal Hex Size	5/32 in.	4 mm	
Adjustment Locknut/Cap Hex Size	9/16 in.	15 mm	
Adjustment Nut Torque	80 - 90 lbf in.	9 - 10 Nm	
Seal Kits - Cartridge	Buna: 990-010-007		
Seal Kits - Cartridge	Viton: 990-010-006		
Model Weight	0.32 lb.	0.15 kg.	









NCCC-LCN

Control		Reverse Flow Check		Seal Material
Preferred Options	Preferred Options		Preferred Options	
L Standard Screw Adjustment Standard Options	C Sta	30 psi (2 bar) Indard Options	N Stand	Buna-N ard Options
H Calibrated Handknob with Detent Lock	A E	4 psi (0,3 bar) 75 psi (5 bar)	V	Viton
K Handknob	_	70 psi (0 bai)		
O Handknob with Panel Mount				

Additional Options

Control Reverse Flow Check Seal Material

> В 15 psi (1 bar) 50 psi (3,5 bar)