



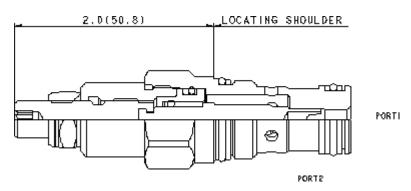
Fully adjustable needle valve

CAPACITY: 7 gpm (.19 inch) / CAVITY: T-13A



sunhydraulics.com/model/NFCC





Needle valves are fully adjustable orifices used to regulate flow. They are infinitely adjustable from fully closed up to the maximum orifice diameter. They are not pressure compensated and may be used as flow controls or as shutoff valves.

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

Maximum Operating Pressure	5000 psi
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-010-007
Seal kit - Cartridge	EPDM: 990-010-014
Seal kit - Cartridge	Polyurethane: 990-010-002
Seal kit - Cartridge	Viton: 990-010-006

NOTES: • For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

## **CONFIGURATION OPTIONS**

CONTROL

Model Code Example: NFCCLCN

MAXIMUM ORIFICE DIAMETER (C) SEAL

SEAL MATERIAL

MATERIAL/COATING

 L Standard Screw Adjustment
 H Calibrated Handknob with Detent Lock
 K Handknob **C** .19 in. (4,8 mm) **D** .09 in. (2,3 mm)

N Buna-NE EPDMV Viton

Standard Material/Coating

/AP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel

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