

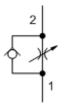
**MODEL NCCD** 

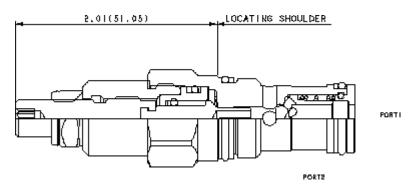
Fully adjustable needle valve with reverse flow check

## CAPACITY: 1 gpm (.06 inch) / CAVITY: T-13A



sunhydraulics.com/model/NCCD





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 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                         |  |
| Maximum Valve Leakage at 110 SUS (24 cSt)                     | 5 drops/min.              |  |
| Locknut Hex Size  | 9/16 in.                  |  |
| Locknut Torque  | 80 - 90 lbf in.           |  |
| Seal kit - Cartridge  | Buna: 990-010-007         |  |
| 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: NCCDLCN

REVERSE FLOW CHECK

(L)

(C) **SEAL MATERIAL**  MATERIAL/COATING

| L | Standard Screw Adjustment               |
|---|---|
| Н | Calibrated Handknob with Detent<br>Lock |

Handknob

Tri-Grip Handknob

| С | 30 psi (2 bar)  |
|---|-----------------|
| Α | 4 psi (0,3 bar) |
| В | 15 psi (1 bar)  |

50 psi (3,5 bar)

| N | Buna-N |  |
|---|--------|--|
| ٧ | Viton  |  |
|   |        |  |

|     | Standard Material/Coating   |
|-----|-----------------------------|
| /AP | Stainless Steel, Passivated |
| /LH | Mild Steel, Zinc-Nickel     |
|     |                             |

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