

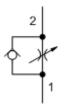


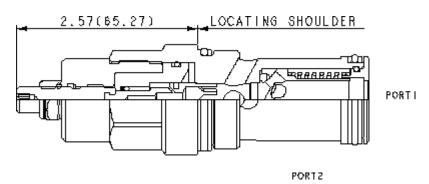
Fully adjustable needle valve with reverse flow check

CAPACITY: 30 gpm (.38 inch) / CAVITY: T-16A



sunhydraulics.com/model/NCFB





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)	10 drops/min.	
Locknut Hex Size	9/16 in.	
Locknut Torque	80 - 90 lbf in.	
Seal kit - Cartridge	Buna: 990-016-007	
Seal kit - Cartridge	EPDM: 990-016-014	
Seal kit - Cartridge	Polyurethane: 990-016-002	
Seal kit - Cartridge	Viton: 990-016-006	

## **CONFIGURATION OPTIONS**

CONTROL (L)

L	Standard Screw Adjustinent
Н	Calibrated Handknob with Detent
	Lock

**K** Handknob

Y Tri-Grip Handknob

## Model Code Example: NCFBLCN

REVERSE FLOW CHECK (C) SEAL MATERIAL (N) MATERIAL/COATING

С	30 psi (2 bar)	N	Buna-N		Standard Material/Coating
Α	4 psi (0,3 bar)	Ε	EPDM	/AP	Stainless Steel, Passivated
В	15 psi (1 bar)	٧	Viton	/LH	Mild Steel, Zinc-Nickel
D	50 psi (3,5 bar)				

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