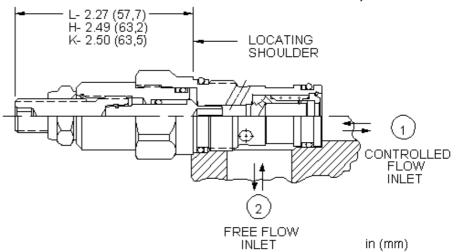
Fully adjustable needle valve with reverse flow check

SERIES 1 / CAPACITY: 4 L/min. (1,5 mm) / 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	350 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,3 cc/min.	
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5	
Locknut Hex Size	15 mm	
Locknut Torque	9 - 10 Nm	
Seal kit - Cartridge	Buna: 990010007	
Seal kit - Cartridge	Polyurethane: 990010002	
Seal kit - Cartridge	Viton: 990010006	

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

Y Tri-Grip Handknob

Model Code Example: NCCDLAN

CONTROL (L) REVERSE FLOW CHECK (A	A) SEAL MATERIAL (N)	MATERIAL/COATING
L Standard Screw Adjustment	A 4 psi (0,3 bar)	N Buna-N	Standard Material/Coating
H Calibrated Handknob with Detent Lock	B 15 psi (1 bar)	V Viton	/AP Stainless Steel, Passivated
K Handknob	C 30 psi (2 bar)		/LH Mild Steel, Zinc-Nickel
O Handknob with Panel Mount	D 50 psi (3,5 bar)		
R Capped Screw Adjustment	E 75 psi (5 bar)		

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