



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 (Web) Sort	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

Model Code Example: NCCDLAN

CONTROL	(L)	REVERSE FLOW CHECK	(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)				
Y Tri-Grip Handknob						