

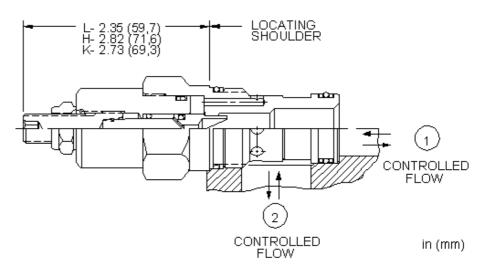
Fully adjustable needle valve

SERIES 2 / CAPACITY: 45 L/min. (6,4 mm) / CAVITY: T-5A



sunhydraulics.com/model/NFDC





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	350 bar
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: 990203007
Seal kit - Cartridge	EPDM: 990203014
Seal kit - Cartridge	Viton: 990203006

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: NFDCLAN

CONTROL (L) MAXIMUM ORIFICE DIAMETER	(A) SEA	AL MATERIAL (N)	MATERIAL/COATING
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L Standard Screw Adjustment
H Calibrated Handknob with Detent Lock

A .25 in. (6,4 mm)
B .12 in. (3,0 mm)

N Buna-NE EPDMV Viton

Standard Material/Coating

/AP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel

K HandknobY Tri-Grip Handknob

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