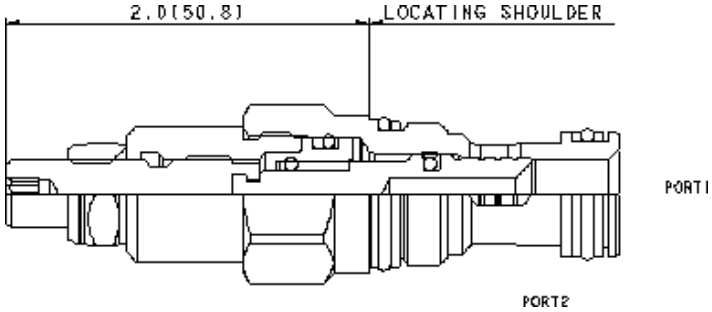
MODEL
NFCD

Fully adjustable needle valve
SERIES 1 / CAPACITY: 20 gpm (.33 inch) / CAVITY: T-13A

snhy.com/NFCD





CONFIGURATION

L	Control	Standard Screw Adjustment
F	Maximum Orifice Diameter	.33 in. (8,4 mm)
N	Seal Material	Buna-N
(none)	Material/Coating	Standard Material/Coating

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	5000 psi
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990010007
Seal kit - Cartridge	EPDM: 990010014
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: NFCDLFN

CONTROL (L)	MAXIMUM ORIFICE DIAMETER (F)	SEAL MATERIAL (N)	MATERIAL/COATING
L Standard Screw Adjustment	**F** .33 in. (8,4 mm)	**N** Buna-N	Standard Material/Coating
H Calibrated Handknob with Detent Lock		**E** EPDM	**/AP** Stainless Steel, Passivated
K Handknob		**V** Viton	**/LH** Mild Steel, Zinc-Nickel
Y Tri-Grip Handknob			

© 2019 Sun Hydraulics