



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 (Web) Sort | 5 |
| Locknut Hex Size | 15 mm |
| Locknut Torque | 9 - 10 Nm |
| Seal kit - Cartridge | Buna: 990018007 |
| Seal kit - Cartridge | EPDM: 990018014 |
| Seal kit - Cartridge | Polyurethane: 990018002 |
| Seal kit - Cartridge | Viton: 990018006 |

CONFIGURATION OPTIONS

Model Code Example: **NFFDLIN**

| CONTROL | (L) MAXIMUM ORIFICE DIAMETER | (I) SEAL MATERIAL | (N) MATERIAL/COATING |
|--|------------------------------|-------------------|---------------------------------|
| L Standard Screw Adjustment | I .85 in. (21,6 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 |
| R Capped Screw Adjustment | | | |
| Y Tri-Grip Handknob | | | |