

# LNV2-10

Needle Valve

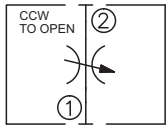
## DESCRIPTION

A cartridge-style manually-adjustable needle valve

## OPERATION

The valve varies flow restriction by adjusting needle in or out and will shut off when fully closed. These valves will meter flow in either direction.

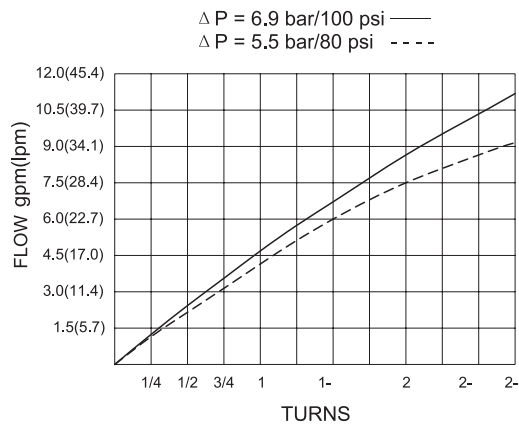
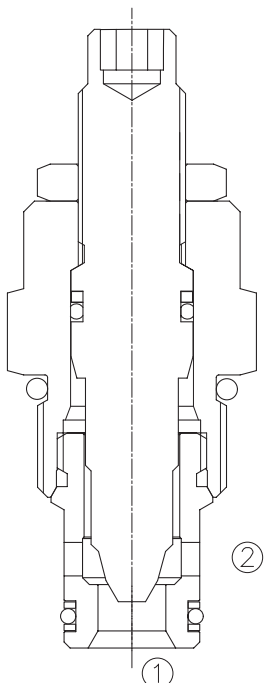
## SYMBOL



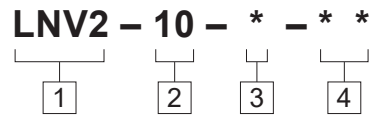
## SPECIFICATIONS

Operating Pressure	250bar
Flow	See PRESSURE DROP VS. FLOW graph.
Internal Leakage	3 drops/min max. at 250 bar
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	10-2, See page M-2
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

## PRESSURE DROP VS.FLOW



**TO ORDER**



**1 Function**  
LNV2=Manually-adjustable Needle Valve

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**2 Size**  
10=10 Size

**3 Adjustment**  
K=1-1/2" Dia Knob  
Omit=1/4" Hex Allen Head

**4 Port Size**  
Omit=None  
6T=SAE6  
8T=SAE8  
3G=G 3/8  
4G=G 1/2

※ See page K-4 for detail of housing  
※ Other port sizes are available

F

**INSTALLATION DIMENSIONS**

Unit=Millimeters

