

# LNV-08

Needle Valve

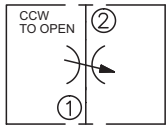
## DESCRIPTION

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.

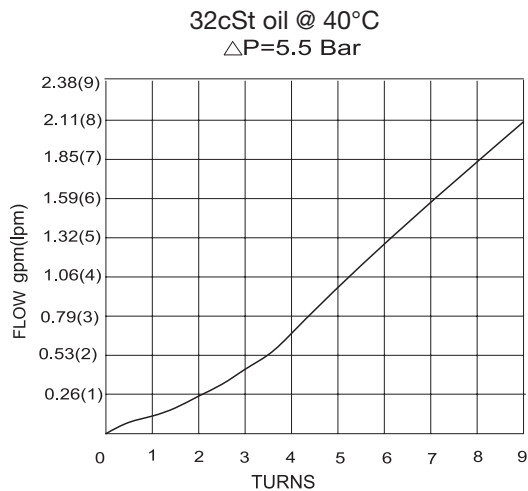
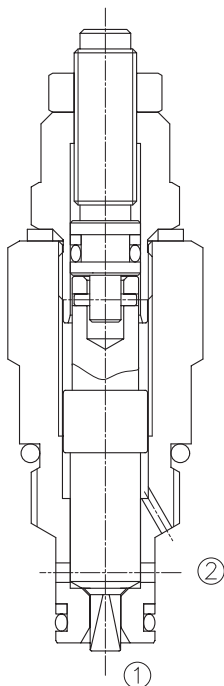
## SYMBOL



## SPECIFICATIONS

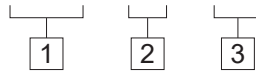
Operating Pressure	250bar
Flow	See FLOW CHARACTERISTICS chart
Internal Leakage	3 drops/min max. at 250 bar
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	08-2, See page M-1
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

## PRESSURE DROP VS.FLOW



**TO ORDER**

**LNV - 08 - \* \***



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

**2 Size**  
08=08 Size

**3 Port Size**  
Omit=None  
4T=SAE4  
6T=SAE6  
2G=G 1/4  
3G=G 3/8

※ See page K-1 for detail of housing  
※ Other port sizes are available

**F**

**INSTALLATION DIMENSIONS**

Unit=Millimeters

