LLPDC

Normally Open,Modulating Element

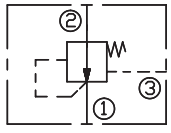
DESCRIPTION

A cartridge-style normally-open, modulating element

OPERATION

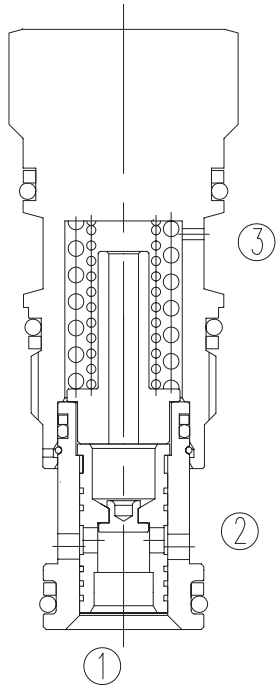
Normally open modulating elements without an internal orifice act as a restrictive compensator to maintain a constant pressure drop across an orifice, regardless of variations in upstream or downstream pressure.

SYMBOL

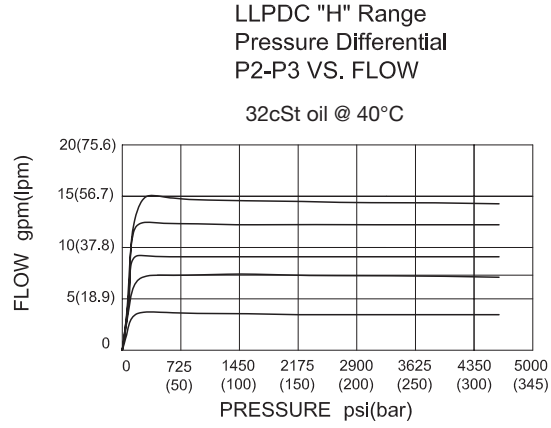


SPECIFICATIONS

Max.Operating Pressure	350bar
Capacity	See PRESSURE DROP VS.FLOW graph.
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	SUN T-11A, See page M-6
Housing Material	Steel & Ductile iron rated to 350bar



PRESSURE DROP VS.FLOW



TO ORDER

LLP D C – * * * – * *

1 2 3 4 5 6 7

1 Function
LLP=Normally Open, Modulating Element

2 Capacity
D=60L/min

3 Pilot Source
C=External Pilot Source

4 Control
X=Non-adjustable

5 Differential Pressure
H=200psi(14bar)
D=50psi(3.5bar)
F=100psi(7bar)
G=150psi(10.5bar)

6 Seal
N=Buna N
V=Viton

7 Port Size
Omit=None
6T=SAE 6
8T=SAE 8
3G=G 3/8
4G=G 1/2

※See page K-17—K-22 for detail of housing
※Other port sizes are available

INSTALLATION DIMENSIONS

H

Unit=Millimeters