

LVSAN-08A

Direct-acting Relief Valve
(Pilot-capacity)

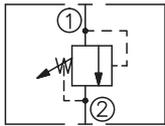
DESCRIPTION

A cartridge-style direct-acting poppet-type relief valve

OPERATION

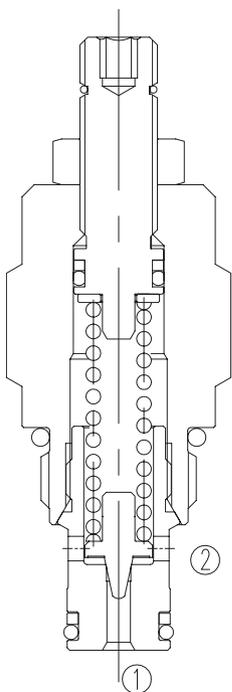
Flow is blocked from ① to ② until pressure increases to meet the selected valve setting, lifting the poppet from its seat and allowing relief flow through port ② to tank. Pressure at port ② is additive to the relief setting of the valve. The cartridge is especially suited for pilot or thermal relief applications.

SYMBOL

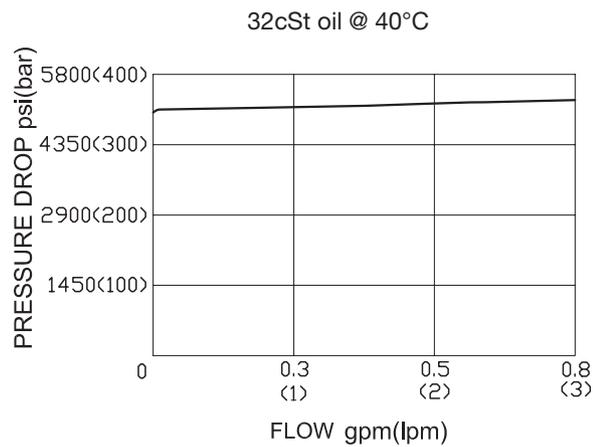


SPECIFICATIONS

Max. Operating Pressure Port ①	450bar
Max. Operating Pressure Port ②	140bar
Flow	See PRESSURE DROP VS. FLOW graph.
Internal Leakage	15 drops/min max.
Standard Spring Ranges	35-350bar; 300-450bar;
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	Steel & Ductile iron rated to 350bar



PRESSURE DROP VS.FLOW



TO ORDER

LVSAN - 08 A - * * - * - * *



1 Function
LVSAN=Direct-acting Relief Valve

2 Size
08=08 Size

3 Adjustment
Omit=5/32"Hex Allen Head
K=HandKnob

4 Spring Ranges
Omit=500-5000psi(35-350bar)
Preset:3000psi(210bar)
65=4350-6500psi(300-450bar)

5 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

E

INSTALLATION DIMENSIONS

Unit=Millimeters

