

# LPSCS-08

Pilot-operated Sequence Valve

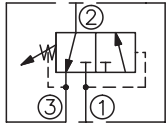
## DESCRIPTION

A cartridge-style pilot-operated spool-type sequence valve with internal pilot and spring chamber drain

## OPERATION

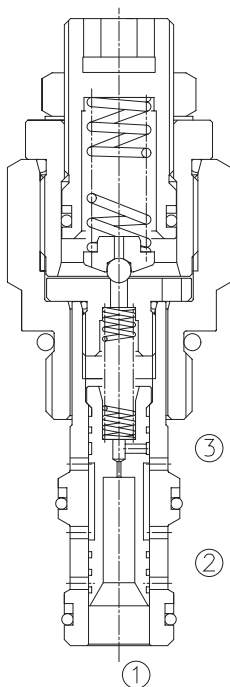
This valve is a normally closed sequence valve, blocking flow from ① to ② . When pressure in port ① exceeds bias spring setting the spool will shift allowing flow from ① to ② and blocking flow from ② to ③ .

## SYMBOL

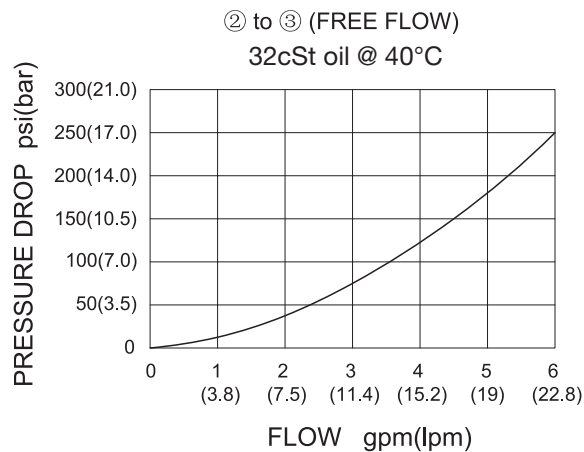


## SPECIFICATIONS

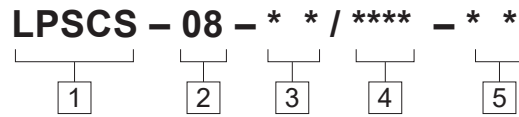
Operating Pressure	350bar
Flow	See PRESSURE DROP VS. FLOW graph.
Internal Leakage	82 cc/min max. to 85% of nominal setting
Standard Spring Ranges	3.5-103.5 bar, preset: 31bar 3.5-206.9 bar, preset:65.5bar 3.5-344.8 bar, preset: 103bar
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	08-3, See page M-1
Housing Material	Steel & Ductile iron rated to 350bar



## PRESSURE DROP VS.FLOW



**TO ORDER**



**1 Function**  
LPSCS=Pilot-operated Spool-type  
Sequence Valve

**2 Size**  
08=08 Size

**3 Spring Ranges**  
15=50-1500psi(3.5-103.5bar)  
Preset:450psi(31bar)  
30=50-3000psi(3.5-206.9bar)  
Preset:950psi(65.5bar)  
50=50-5000psi(3.5-344.8bar)  
Preset:1500psi(103bar)

**4 Optional Pressure setting**  
Omit=Standard Setting  
Example:0103=103Bar

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

※ See page K-2 for detail of housing  
※ Other port sizes are available

**E**

**INSTALLATION DIMENSIONS**

Unit=Millimeters

