

LAPV-16-2NCRP

Pneumatic-operated ,Poppet-type
Directional Control Valve

DESCRIPTION

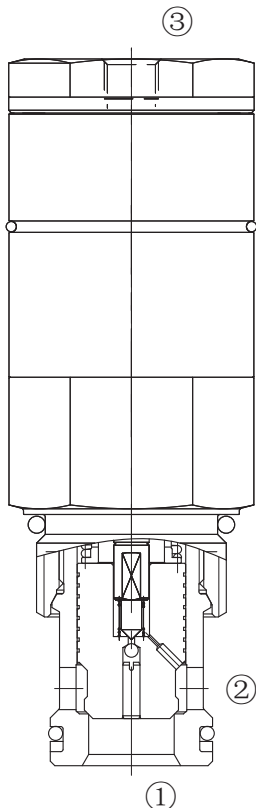
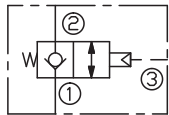
A pneumatic operated, 2-way,
normally closed, poppet - type,
directional control valve

OPERATION

Without air pressure on ③ , the valve acts as a check valves, allowing flow from ① to ② , while blocking flow from ② to ① .

With air pressure on ③ , the poppet lifts to open the ② to ① flow path. In this mode, flow is also allowed from ① to ② .

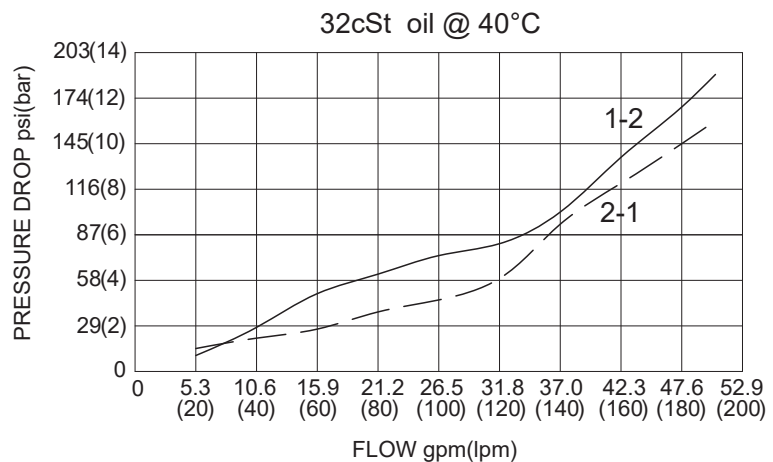
SYMBOL



SPECIFICATIONS

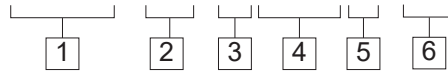
Max.Operating Pressure	210bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	3 drops/min max. at 210 bar
Air Pressure	5.5 bar
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See Page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	16-2, See page M-3
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



TO ORDER

LAPV - 16 - 2 NCR P - * *



1 Function
LAPV= Pneumatic-operated,
Poppet-type Directional Control Valve

2 Size
16=16 Size

3 Flow Path
2=2-Way

4 Style
NCR=Normally Closed,Reverse Flow
Pneumatized

5 Type
P= Poppet

6 Port Size
Omit= None
16T=SAE 16
8G=G 1

※ See page K-9 for detail of housing
※ Other port sizes are available

D

INSTALLATION DIMENSIONS

Unit=Millimeters

