

# LCDAP

Mechanically Operated,  
Back-to-back Check Valve

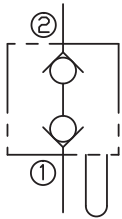
## DESCRIPTION

A cartridge-style, Mechanically operated, back-to-back check valve

## OPERATION

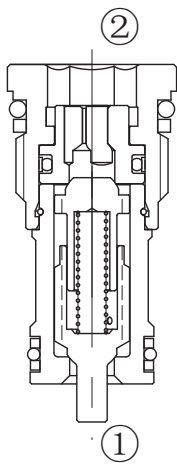
The phaser check is a pair of checks, back-to-back, with the poppet at port ① mechanically actuated. The valve is meant to be installed into the piston of a cylinder. When the cylinder reaches the end of its stroke the poppet in the phaser check is shoved off its seat allowing flow through the piston. This allows two cylinders to get back into phase.

## SYMBOL

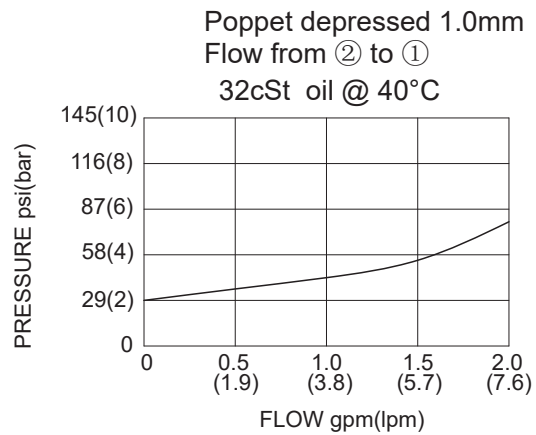


## SPECIFICATIONS

Max. Operating Pressure	350bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	1 drops/min max. at 350bar
Cracking Pressure	C=2.0bar
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	T-162DP, See page M-29
Housing Material	Steel & Ductile iron rated to 350bar

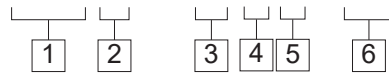


## PRESSURE DROP VS.FLOW



**TO ORDER**

**LCD A P - M \* \* - \* \***



- 1 Function**  
LCD= Mechanically Operated,  
back-to-back Check Valve

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- 2 Flow**  
A=4.7L/min

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- 3 Control**  
M=Mechanical Actuation

- 4 Cracking Pressure**  
C=2.0bar

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- 5 Seal Kits**  
N= Buna N  
V= Viton

- 6 Port Size**  
Omit= None  
6T=SAE6  
8T=SAE8  
2G=G 1/4  
3G=G 3/8

※Other port sizes are available

**D**

**INSTALLATION DIMENSIONS**

Unit=Millimeters

