

LCDAQ

Mechanically Operated,
Back-to-back Check Valve

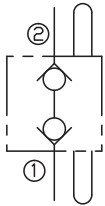
DESCRIPTION

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

OPERATION

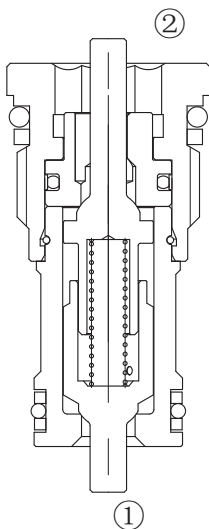
The phaser check is a pair of checks, back-to-back, with both poppets mechanically actuated. The valve is meant to be installed into the piston or rod of a cylinder. When the cylinder reaches the end of its stroke the poppet in the phaser check is shoved off its seat allowing flow through the piston.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

SYMBOL

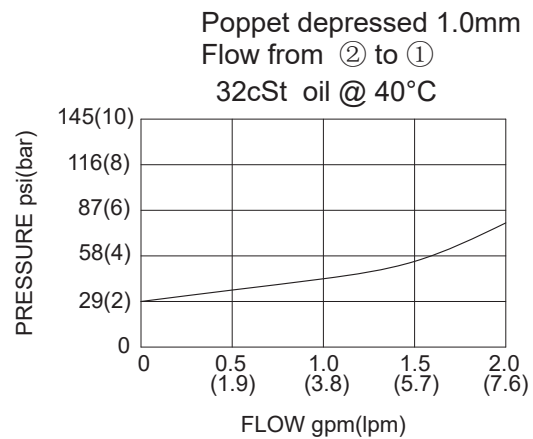


SPECIFICATIONS

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

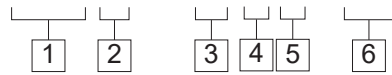


PRESSURE DROP VS.FLOW



TO ORDER

LCD A Q - M * * - * *



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

- 2 Flow**
A=4.7L/min

- 3 Control**
M= Mechanical Actuation

- 4 Cracking Pressure**
C=2.0bar

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

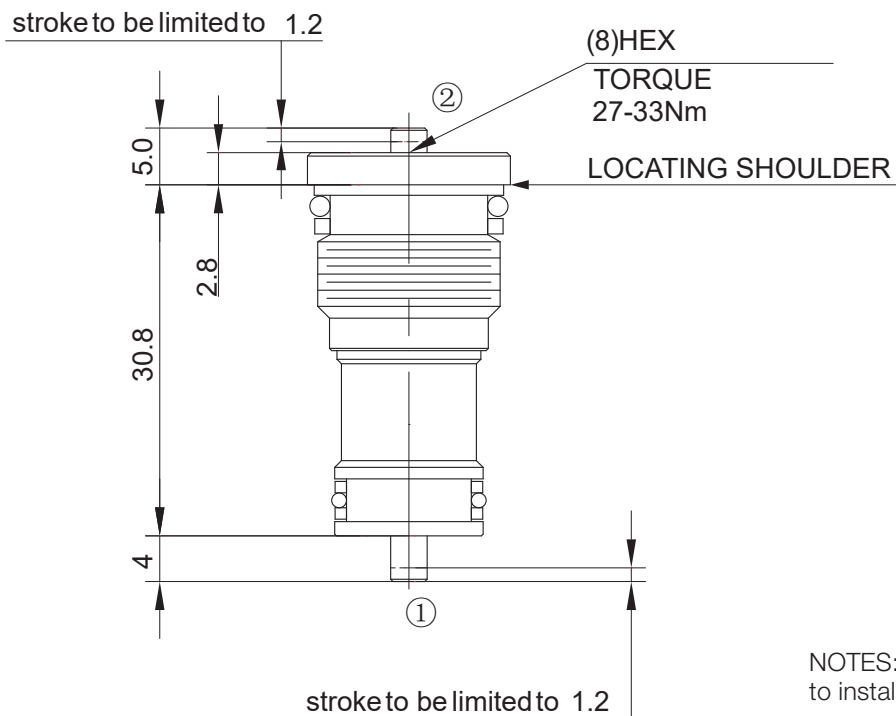
- 6 Port Size**
Omit= None
6T=SAE6
8T=SAE8
2G=G 1/4
3G=G 3/8

※Other port sizes are available

D

INSTALLATION DIMENSIONS

Unit=Millimeters



NOTES:A special tool (LCDAQ-TOOL) is required to install this cartridge.