

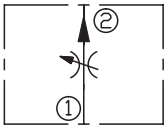
LFRA-08

Adjustable Pressure-compensated
Flow Control Valve

DESCRIPTION

A cartridge-style adjustable pressure-compensated flow control valve

SYMBOL



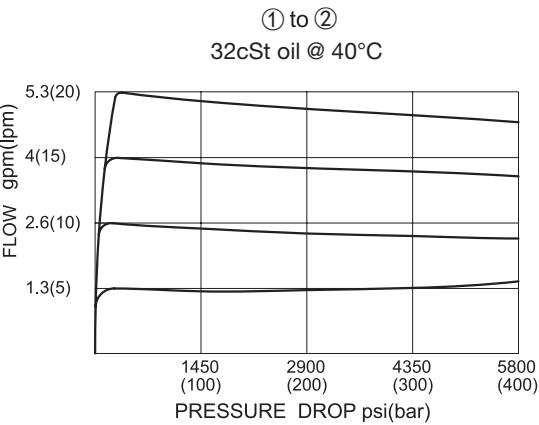
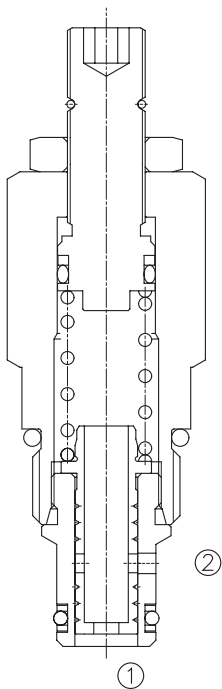
OPERATION

The valve maintains a constant flow within specified accuracies from ① to ② regardless of downstream load pressure. When flow produces a minimum predetermined pressure differential across the compensator spool control orifice, the spool shifts against the spring force to throttle the flow and maintain the flow setting. Reverse flow is not regulated.

SPECIFICATIONS

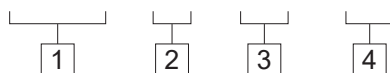
Operating Pressure	240bar
Flow Setting	2-20 l/min.
Flow Maintenance Accuracy	±10%
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	08-2, See page M-1
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



TO ORDER

LFRA – 08 – * * – * *



1 Function

LFRA=Adjustable Pressure-compensated
Flow Control Valve

2 Size

08=08 Size

3 Optional Flow Setting

Omit=Standard setting (10L/min)

4 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

F

INSTALLATION DIMENSIONS

Unit=Millimeters

