

LFD-10

Flow Divider/Combiner Valve

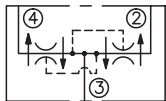
DESCRIPTION

A cartridge-style pressure-compensated flow divider/combiner valve

OPERATION

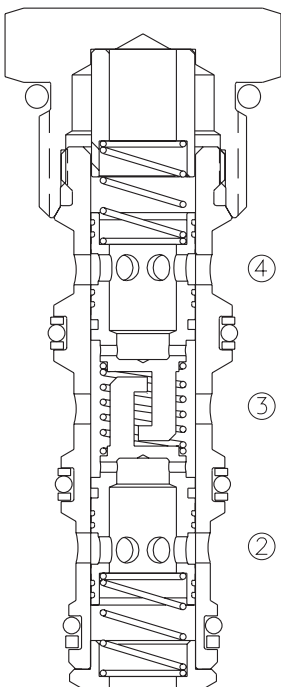
In the dividing mode, the valve will divert input flow from port ③ to port ② and ④, based on the ratio specified, regardless of operating pressure. The valve will combine input flow from ② and ④.

SYMBOL

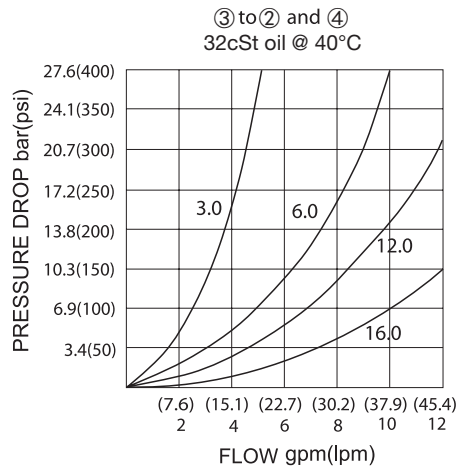


SPECIFICATIONS

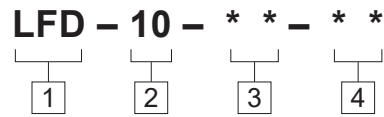
Operating Pressure	240 bar
Flow Options	input flow:7.6lpm;ratio:50:50;model:LFD-10-2.0 input flow: 11.4 lpm; ratio:50:50; model:LFD-10-3.0 input flow: 22.7 lpm; ratio:50:50; model:LFD-10-6.0 input flow: 45.4 lpm; ratio:50:50; model:LFD-10-12.0 input flow: 60.6 lpm; ratio:50:50; model:LFD-10-16.0
Flow Maintenance Accuracy	10% from 25 -100% of max. rated flow
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	10-4, See page M-2
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar



PRESSURE DROP VS.FLOW



TO ORDER



1 Function
LFD=Cartridge-style
Pressure-compensated
Flow Divider/Combiner Valve

2 Size
10=10 Size

3 Flow Options
2.0=Input Flow:7.6lpm;Ratio:50:50;
3.0=Input Flow:11.4lpm;Ratio:50:50;
6.0=Input Flow:22.7lpm;Ratio:50:50;
12.0=Input Flow:45.4lpm;Ratio:50:50;
16.0=Input Flow:60.6lpm;Ratio:50:50;

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

※See page K-7 for detail of housing
※Other port sizes are available

F

INSTALLATION DIMENSIONS

Unit=Millimeters

