

IFC-6T

In-line Non-adjustable Pressure-Compensated Flow Control Valve

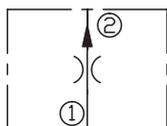
DESCRIPTION

An in-line non-adjustable pressure-compensated flow control valve

OPERATION

The valve maintains a constant flow rate out of ② regardless of load pressure changes in the circuit downstream of ②. The fixed control orifice is factory preset to customer flow specification. Reverse flow (② to ①) returns through the control orifice and is non-compensated.

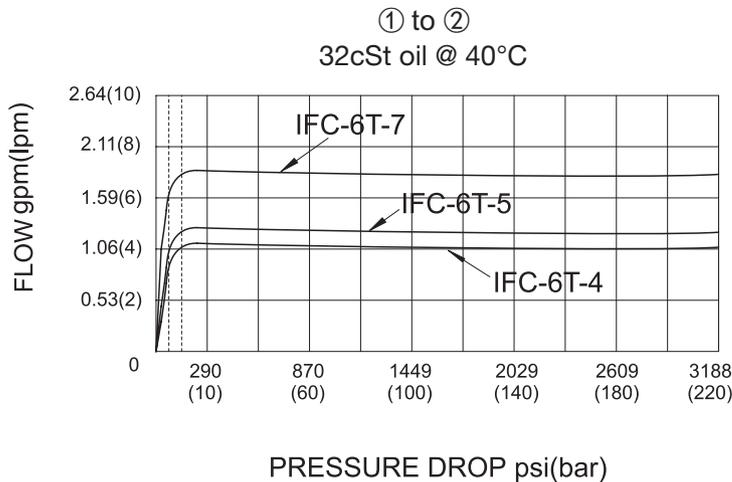
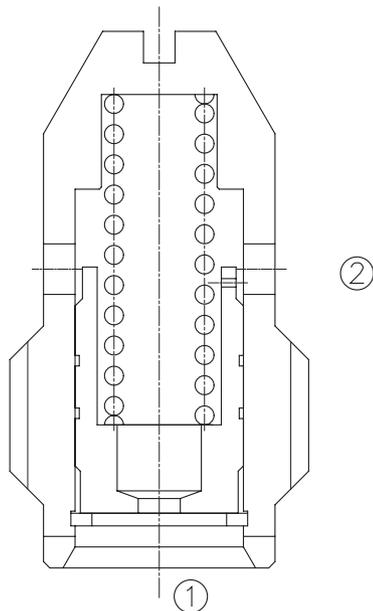
SYMBOL



SPECIFICATIONS

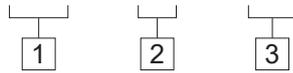
Operating Pressure	210bar
Flow Setting	1 l/min. min., 10 l/min max.
Flow Maintenance Accuracy	Nominal flow $\pm 15\%$
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



TO ORDER

IFC - 6T - * *



1 Function

IFC=In-line Non-adjustable
Pressure-compensated Flow
Control Valve

2 Size

6T=9/16-18

3 Optional Flow Stting

- 1=1 L/min
- 2=2 L/min
- 3=3 L/min
- 4=4 L/min
- 5=5 L/min
- 6=6 L/min
- 7=7 L/min
- 8=8 L/min
- 9=9 L/min
- 10=10 L/min

F

INSTALLATION DIMENSIONS

Unit=Millimeters

