

IFC-G38

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

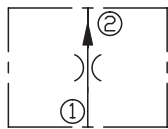
DESCRIPTION

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.

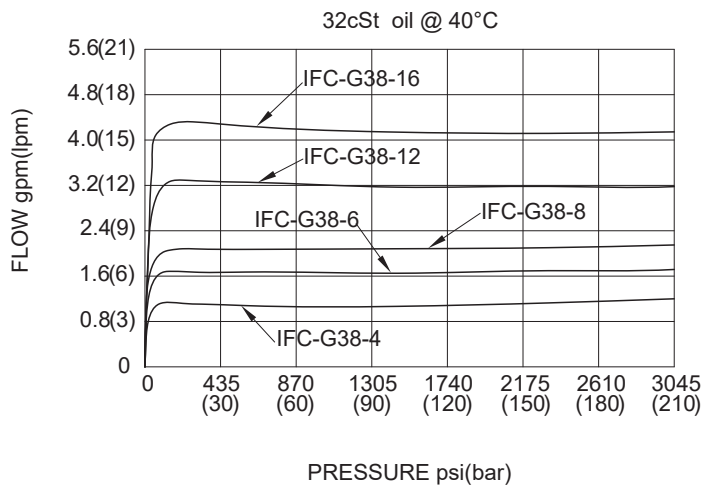
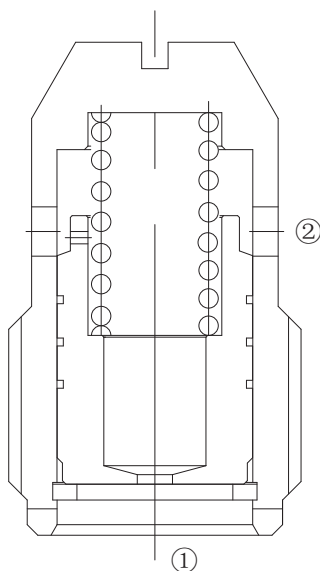
SYMBOL



SPECIFICATIONS

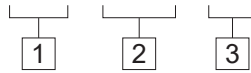
Operating Pressure	210bar
Flow	4 l/min.min., 20 l/min max.
Flow Maintenance Accuracy	Nominal flow \pm 15%
Temperature	-40°F to +250°F (-40°C to +120°C)
Filtration	See Page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Housing Material	6061-T6 aluminum alloy rated at 207Bar, Steel & Ductile iron rated at 350Bar

PRESSURE DROP VS.FLOW



TO ORDER

IFC - G38 - * *



1 Function

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

2 Size

G38=G3/8

3 Optional Flow Stting

- 4=4 L/min
- 5=5 L/min
- 6=6 L/min
- 8=8 L/min
- 10=10 L/min
- 12=12 L/min
- 14=14 L/min
- 16=16 L/min
- 18=18 L/min
- 20=20 L/min

F

INSTALLATION DIMENSIONS

Unit=Millimeters

