

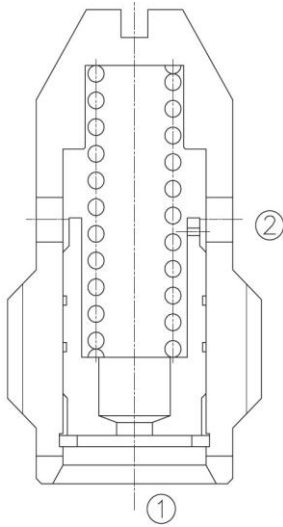
Overview

Description

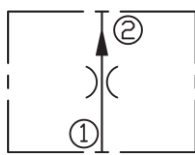
An in-line non-adjustable pressure-compensated flow control valve.

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

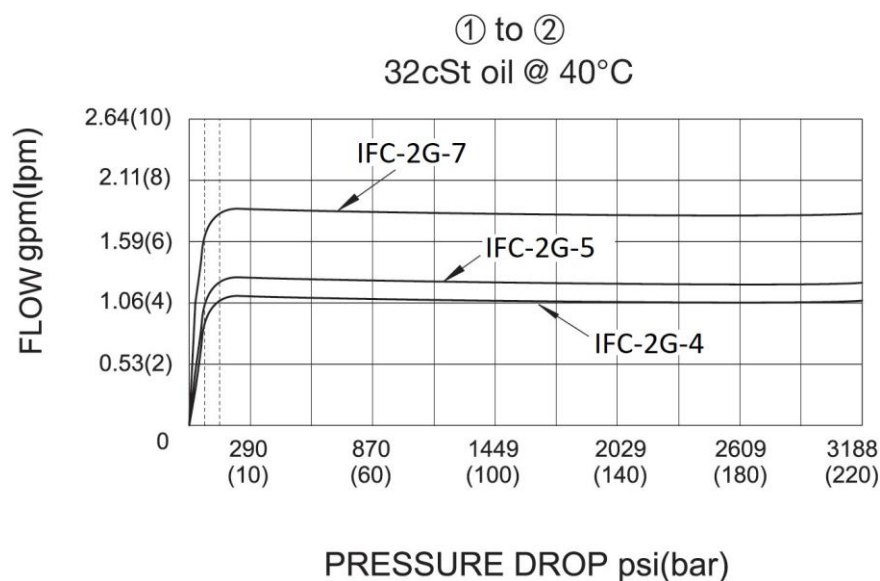


Ratings

Operating Pressure	: 210 bar
Flow Rating	: Refer Pressure drop VS Flow Graph
Flow Setting	: 1 lpm min., 10 lpm max.
Flow Maintenance Accuracy	: Nominal Flow $\pm$ 15%
Temperature	: -40°C to +120°C
Fluids	: Mineral Based Fluids with viscosities of 7.4 to 420 cSt
Housing Material	: 6061-T6 aluminum allow rated to 207 bar, Steel & Ductile iron rated to 350 bar

Performance

PRESSURE DROP VS FLOW

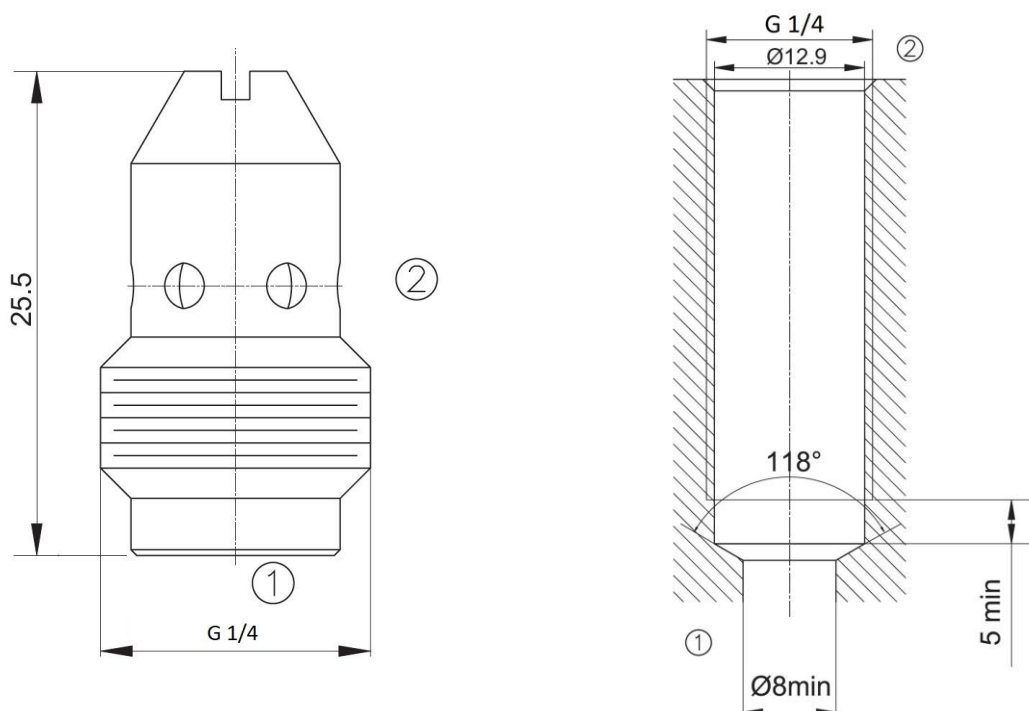


Model Code

IFC	-	-	-
In-line-non-adjustable pressure-compensated flow control valve		Size 2G = G 1/4	Flow Setting 1= 1 lpm 2= 2 lpm 3= 3 lpm 4= 4 lpm 5= 5 lpm 6= 6 lpm 7= 7 lpm 8= 8 lpm 9= 9 lpm 10= 10 lpm

Installation Specifications

Unit = Millimeters



Note : Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.