



Flow Control Valves Technical Information

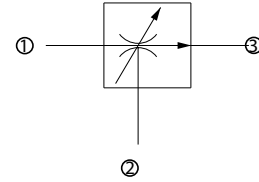
Adjustable, Priority Type

CP310-2

OPERATION

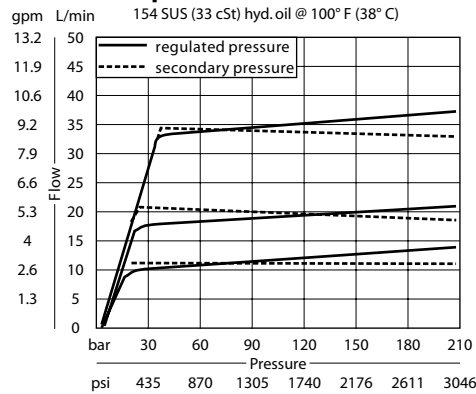
This valve is a limited adjustment, pressure compensated, priority-type flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



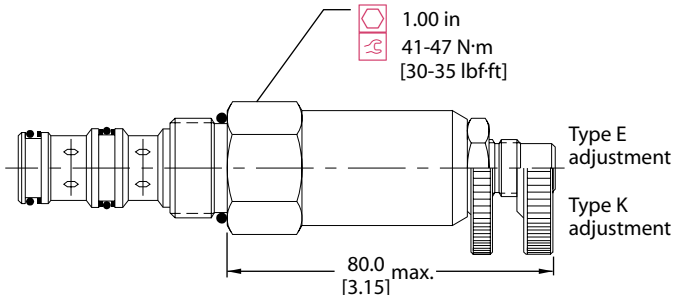
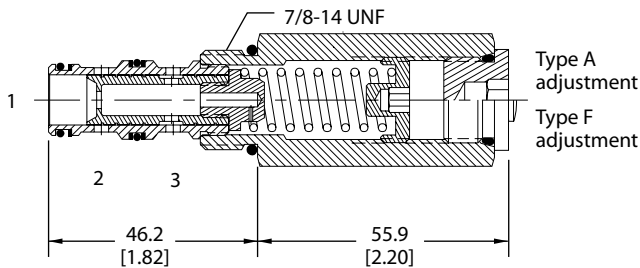
Specifications

Rated pressure	210 bar [3000 psi]
Max regulated flow	22.7 l/min [6 US gal/min]
Max inlet flow	38 l/min [10 US gal/min]
Weight	0.24 kg [0.52 lb]
Accuracy ± 20%	0.4- 1.88 l/min [0.1-0.49 US gal/min]
± 15%	1.89-5.67 l/min [0.5-1.49 US gal/min]
± 10%	5.68-22.7 l/min [1.5-6 US gal/min]
Flow Adjustment Range	± 25% of normal setting
Cavity	SDC10-3

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

Seals

B = Buna-N
V = Viton

Seal kit

120240
11043064

Housing and ports

0 = No Housing
SE3B = Al, 3/8 BSP
SE4B = Al, 1/2 BSP
6S = Al, #6 SAE
8S = Al, #8 SAE
Other housings available

Housing P/N

No Housing
SDC10-3-SE-3B
SDC10-3-SE-4B
CP10-3-6S
CP10-3-8S

Regulated Flow

L/min [US gal/min]
0.1 = .4 [0.1]
To
6.0 = 22.7 [6.0]

Adjustment option

A = Internal
E = External
F = Tamper resistant
K = Knob