



Flow Control Valves Technical Information

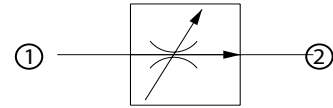
Adjustable, Restrictive Type

CP300-2

OPERATION

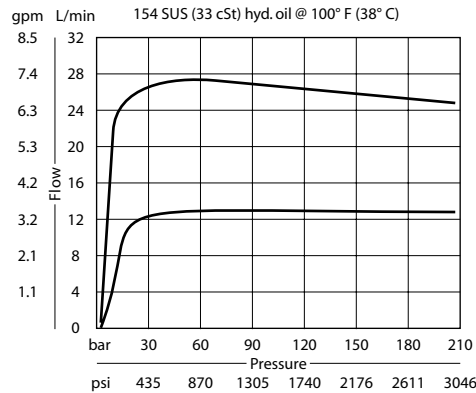
This valve is a limited adjustment pressure compensated flow control valve. To increase the flow, turn the adjustment screw clockwise. To decrease the flow, turn the adjustment screw counter-clockwise.

Schematic



SPECIFICATIONS

Theoretical performance



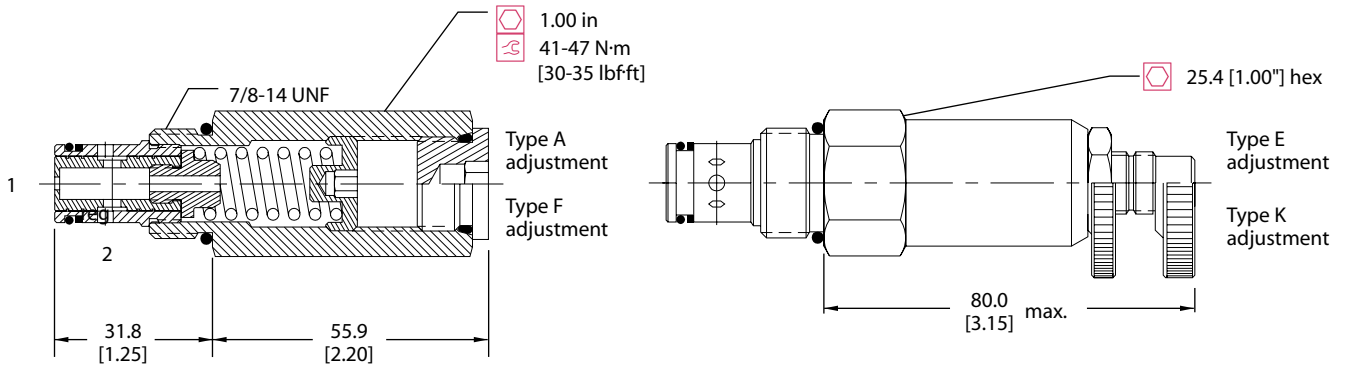
Specifications

Rated pressure	210 bar [3000 psi]
Max regulated flow	22.7 l/min [6 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 [1.5-6.0 US gal/min]
Flow Adjustment Range	± 25% of normal setting
Cavity	SDC10-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

Seals

B = Buna-N
V = Viton

Housing and ports

0 = No Housing
DG3B = Al, 3/8 BSP
DG4B = Al, 1/2 BSP
6S = Al, #6 SAE
8S = Al, #8 SAE
Other housings available

Seal kit
120015
120016

Housing P/N
No Housing
SDC10-2-DG-3B
SDC10-2-DG-4B
CP10-2-6S
CP10-2-8S

CP300 - 2 - B - 8S - A - 2.5

Regulated Flow

Flow (L/min)	Flow (US gal/min)
0.5	0.13
2.4	0.63
To	To
6.0	1.59

Adjustment option

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