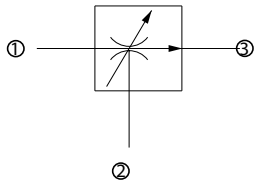
Comatrol
RESPONSIVENESS IN MOTION
Member of the Danfoss Group

Flow Control Valves Catalog
Adjustable, Priority Type
CP310-2

OPERATION

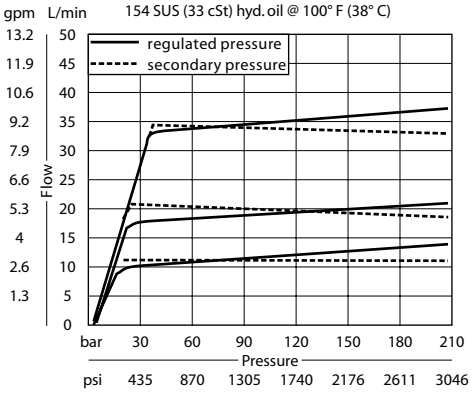
This valve is a limited adjustment, pressure compensated, priority-type flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



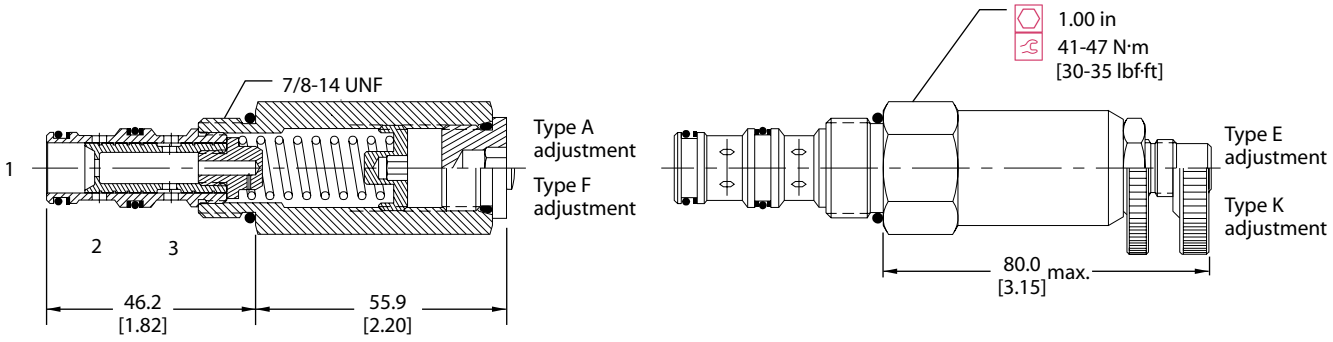
Specifications

Rated pressure	210 bar [3000 psi]
Max regulated flow	23 l/min [6 US gal/min]
Max inlet flow	38 l/min [10 US gal/min]
Weight	0.24 kg [0.52 lb]
Cavity	SDC10-3

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP31 0 - 2 - B - 8 S - A - 2.5

Seals
B = Buna-N
V = Viton

Seal kit
120240
11043064

Housing and ports

			Housing P/N
0	=	No Housing	No Housing
SE3B	=	Al, 3/8 BSP	SDC10-3-SE-3B
SE4B	=	Al, 1/2 BSP	SDC10-3-SE-4B
6S	=	Al, #6 SAE	CP10-3-6S
8S	=	Al, #8 SAE	CP10-3-8S

Other housings available

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