



Flow Control Valves Technical Information

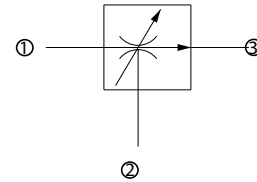
Adjustable, Priority Type

CP310-2

OPERATION

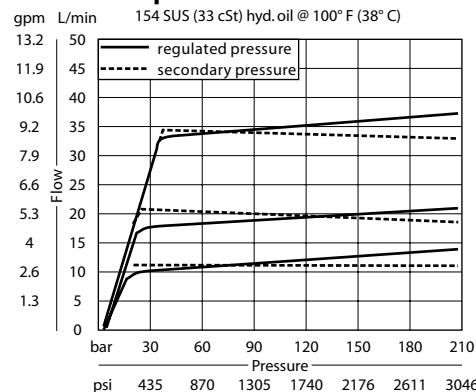
This valve is a limited adjustment, pressure compensated, priority-type flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



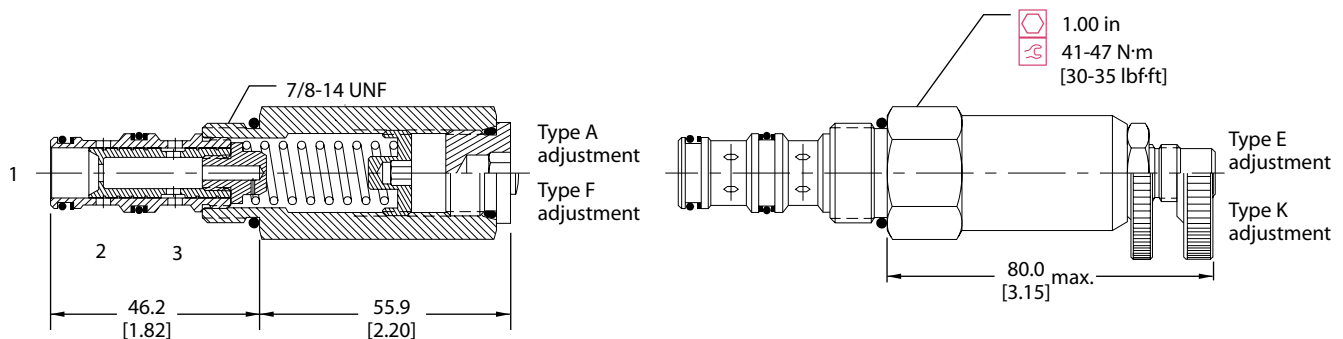
Specifications

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		Seal kit		Regulated Flow	
B	= Buna-N	120240		L/min	[US gal/min]
V	= Viton	11043064		0.1 = .4	[0.1]
				To	
				6.0 = 22.7	[6.0]
Housing and ports		Housing P/N		Adjustment option	
0	= No Housing	No Housing		A	= Internal
SE3B	= Al, 3/8 BSP	SDC10-3-SE-3B		E	= External
SE4B	= Al, 1/2 BSP	SDC10-3-SE-4B		F	= Tamper resistant
6S	= Al, #6 SAE	CP10-3-6S		K	= Knob
8S	= Al, #8 SAE	CP10-3-8S			
Other housings available					