



Flow Control Valves Technical Information

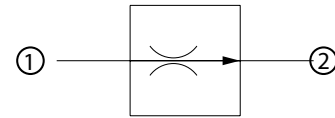
Fixed Setting, Restrictive Type

CP300-1

OPERATION

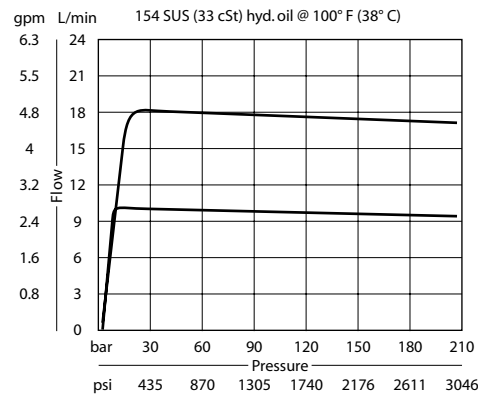
This valve is a fixed pressure compensated flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



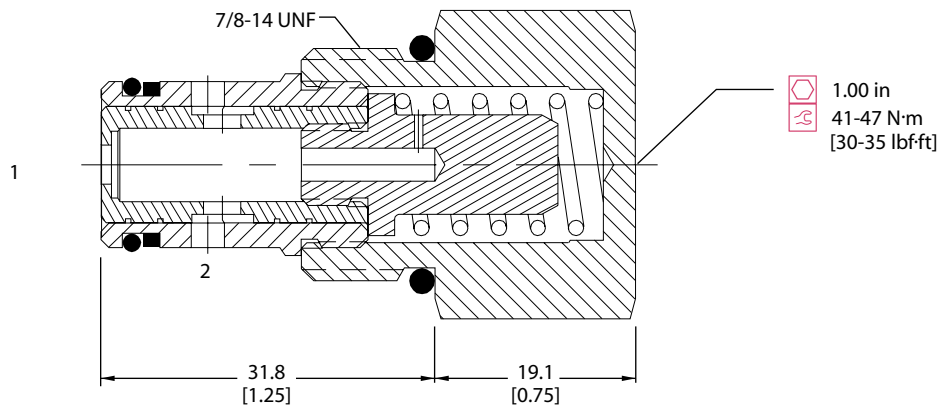
Specifications

Rated pressure	210 bar [3000 psi]
Max regulated flow	23 l/min [6 US gal/min]
Weight	0.12 kg [0.26 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]
Cavity	SDC10-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

		CP300 - 1 - B - 8S - 2.5	
Seals		Seal kit	
B = Buna-N		120015	
V = Viton		120016	
Housing and ports		Housing P/N	
0 = No Housing		No Housing	
DG3B = Al, 3/8 BSP		SDC10-2-DG-3B	
DG4B = Al, 1/2 BSP		SDC10-2-DG-4B	
6S = Al, #6 SAE		CP10-2-6S	
8S = Al, #8 SAE		CP10-2-8S	
Other housings available			
		Regulated Flow	
		L/min	[US gal/min]
		0.5 = 1	[0.5]
		to	
		6.0 = 22.7	[6.0]