



Flow Control Valves Technical Information

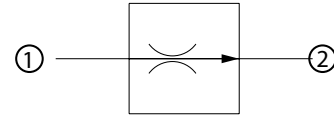
Fixed Setting, Restrictive Type

CP300-1

OPERATION

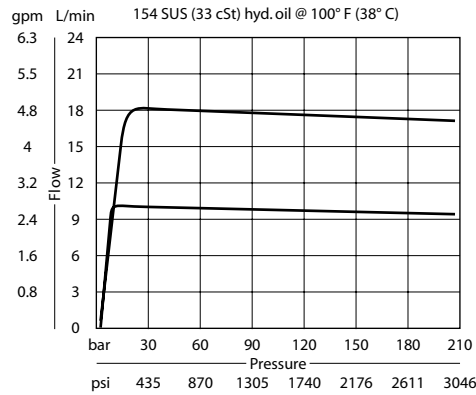
This valve is a fixed pressure compensated flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



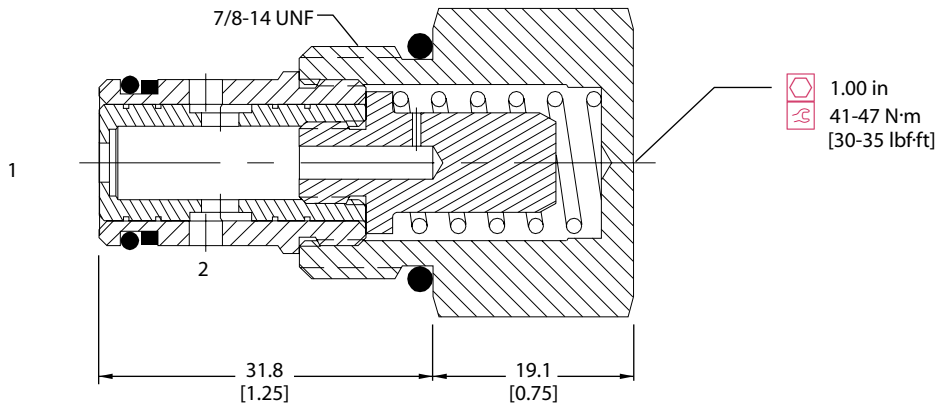
Specifications

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	Regulated Flow	L/min [US gal/min]
B = Buna-N	120015		
V = Viton	120016	to	
Housing and ports	Housing P/N	6.0 = 22.7 [6.0]	
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			