



Flow Control Valves Technical Information

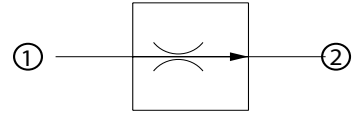
Fixed Setting, Restrictive Type

CP301-1

OPERATION

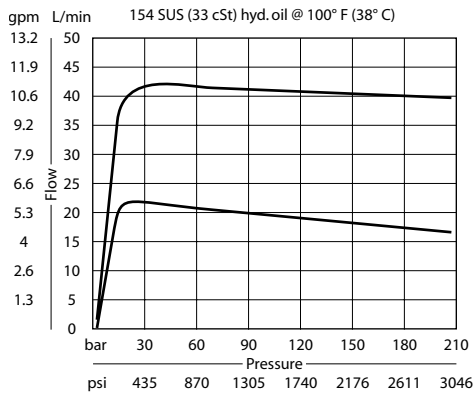
This valve is a fixed pressure compensated flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



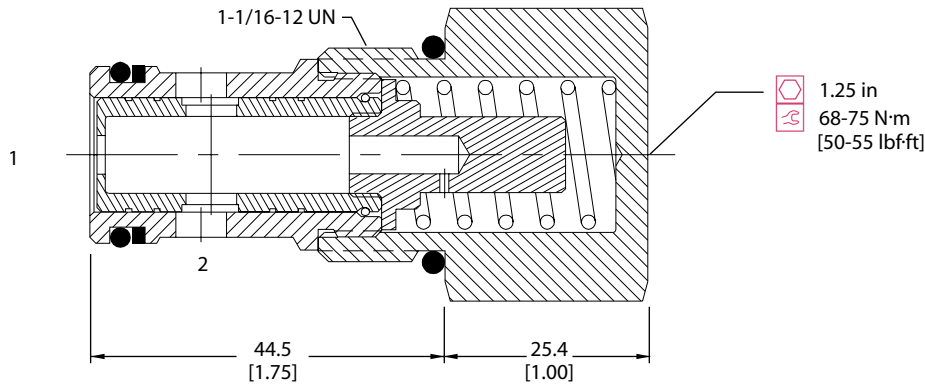
Specifications

Rated pressure	210 bar [3000 psi]
Max regulated flow	56.8 l/min [15 US gal/min]
Weight	0.24 kg [0.52 lb]
Accuracy ± 20%	1.9-7.5 l/min [0.5-1.99 US gal/min]
± 15%	7.6-56.8 l/min [2-15 US gal/min]
Cavity	CP12-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP301 - 1 - B - 12S - 10.0

Seals	Seal kit		
B = Buna-N	120017		
V = Viton	120018		
Housing and ports	Housing P/N		
0 = No Housing	No Housing		
4B = Al, 1/2 BSP	CP12-2-4B		
6B = Al, 3/4 BSP	CP12-2-6B		
10S = Al, #10 SAE	CP12-2-10S		
12S = Al, #12 SAE	CP12-2-12S		
Other housings available			
		Regulated Flow	
		L/min	[US gal/min]
		0.5 = 1.9	[0.5]
		to	
		15.0 = 56.8	[15.0]