



# Flow Control Valves Technical Information

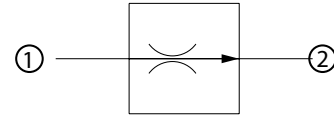
## Fixed Setting, Restrictive Type

### CP300-1

#### OPERATION

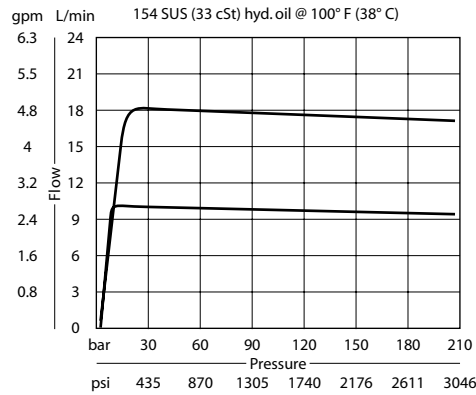
This valve is a fixed pressure compensated flow control valve.

#### Schematic



#### SPECIFICATIONS

#### Theoretical performance



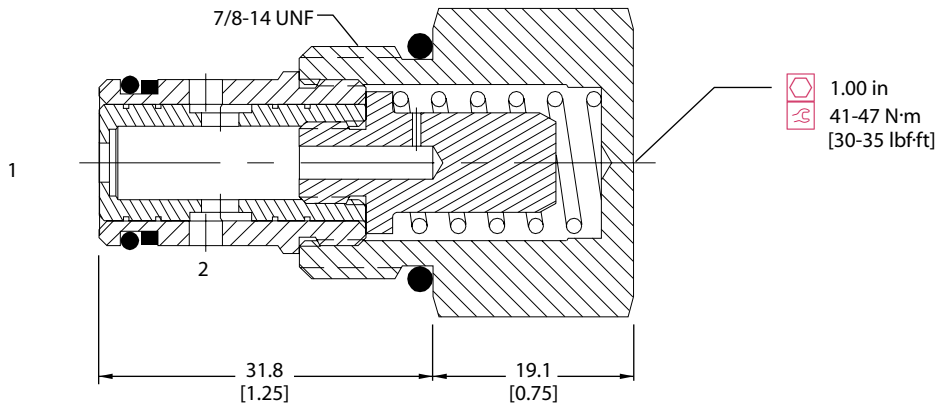
#### Specifications

<b>Rated pressure</b>	210 bar [3000 psi]
<b>Max regulated flow</b>	23 l/min [6 US gal/min]
<b>Weight</b>	0.12 kg [0.26 lb]
<b>Accuracy ± 20%</b>	0.4-1.88 l/min [0.1-0.49 US gal/min]
<b>± 15%</b>	1.89-5.67 l/min [0.5-1.49 US gal/min]
<b>± 10%</b>	5.68-22.7 l/min [1.5-6.0 US gal/min]
<b>Cavity</b>	<b>SDC10-2</b>

#### DIMENSIONS

mm in

#### Cross-sectional view



#### ORDERING INFORMATION

**CP300 - 1 - B - 8S - 2.5**

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