



# Flow Control Valves Technical Information

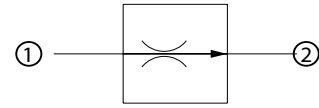
## Fixed Setting, Restrictive Type

### CP308-1

#### OPERATION

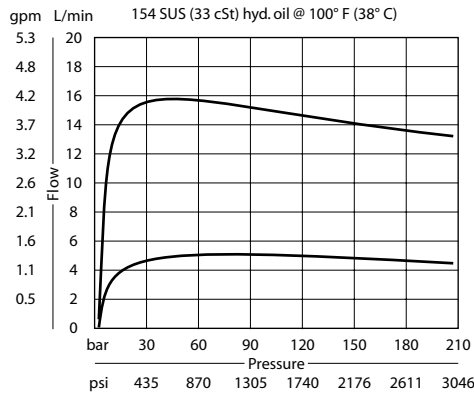
This valve is a fixed pressure compensated flow control valve.

#### Schematic



#### SPECIFICATIONS

#### Theoretical performance



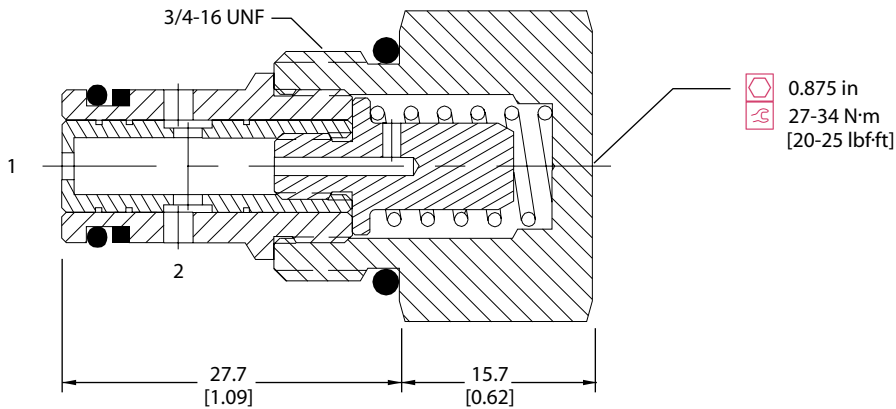
#### Specifications

<b>Rated pressure</b>	210 bar [3000 psi]
<b>Max regulated flow</b>	15 l/min [4 US gal/min]
<b>Weight</b>	0.08 kg [0.17 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>	5.68-15.1 l/min [1.5-4.0 US gal/min]
<b>Cavity</b>	<b>SDC08-2</b>

#### DIMENSIONS

mm in

#### Cross-sectional view



#### ORDERING INFORMATION

**CP308 - 1 - B - 6S - 1.0**

**Seals**  
B = Buna-N  
V = Viton

**Seal kit**  
120221  
120022

**Housing and ports**  
0 = No Housing  
DG2B = Al, 1/4 BSP  
DG3B = Al, 3/8 BSP  
4S = Al, #4 SAE  
6S = Al, #6 SAE  
Other housings available

**Housing P/N**  
No Housing  
SDC08-2-DG-2B  
SDC08-2-DG-3B  
CP08-2-4S  
CP08-2-6S

**Regulated Flow**

	L/min	[US gal/min]
0.1	= .4	[0.1]
To		
4.0	= 15.1	[4.0]