



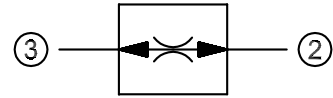
# Flow Control Valves Technical Information

## Fixed Setting, Bi-Directional CP300-6

### OPERATION

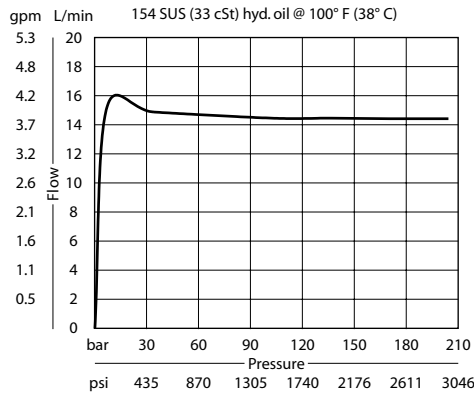
This valve is a fixed setting, pressure compensated, bi-directional flow control valve. NOTE: Port 1 must be blocked for proper operation.

### Schematic



### SPECIFICATIONS

#### Theoretical performance



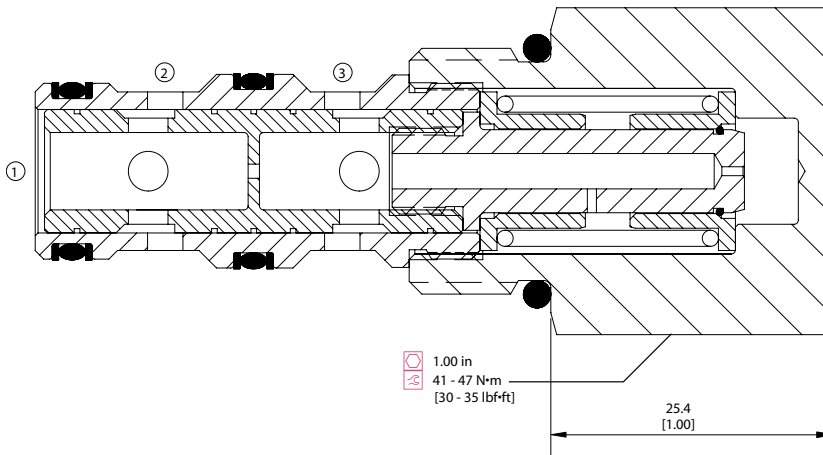
#### Specifications

<b>Rated pressure</b>	210 bar [3000 psi]
<b>Max regulated flow</b>	22.7 l/min [6 US gal/min]
<b>Weight</b>	0.13 kg [0.29 lb]
<b>Accuracy ± 20%</b>	0.4-1.88 l/min [0.1-0.49 US gal/min]
<b>± 15%</b>	1.89-22.7 l/min [0.49-6.0 US gal/min]
<b>Cavity</b>	<b>SDC10-3</b>

### DIMENSIONS

mm in

#### Cross-sectional view



### ORDERING INFORMATION

**CP300 - 6 - B - 8S - 2.5**

<b>Seals</b>	<b>Seal kit</b>	<b>Regulated Flow</b>
B = Buna-N V = Viton	120009 120010	
<b>Housing and ports</b>	<b>Housing P/N</b>	L/min [US gal/min]
0 = No Housing SE3B = Al, 3/8 BSP SE4B = Al, 1/2 BSP 6S = Al, #6 SAE 8S = Al, #8 SAE Other housings available	No Housing SDC10-3-SE-3B SDC10-3-SE-4B CP10-3-6S CP10-3-8S	0.1 = 0.4 [0.1] 6.0 = 23.0 [6.0]