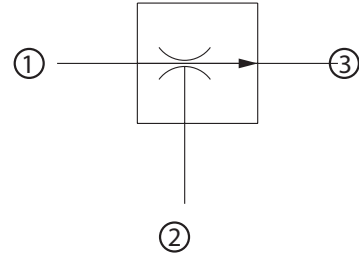


**OPERATION**

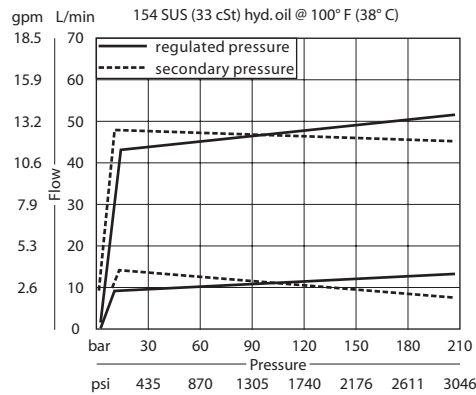
This valve is a fixed, pressure compensated priority-type flow control valve.

**Schematic**



**SPECIFICATIONS**

**Theoretical performance**



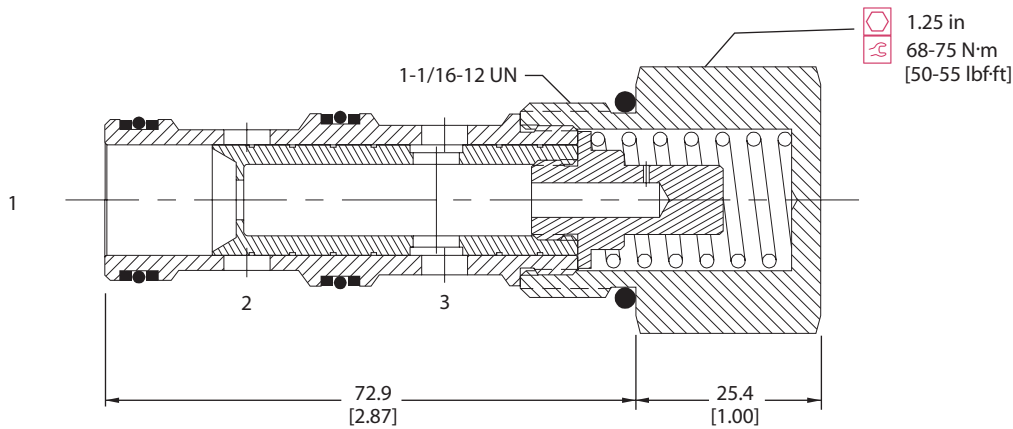
**Specifications**

<b>Rated pressure</b>	210 bar [3000 psi]
<b>Max regulated flow</b>	45 l/min [12 US gal/min]
<b>Max inlet flow</b>	95 l/min [25 US gal/min]
<b>Weight</b>	0.28 kg [0.61 lb]
<b>Accuracy ± 15%</b>	1.9-7.5 l/min [0.5-2 US gal/min]
	± 10% 7.6-45.4 l/min [2-12 US gal/min]
<b>Cavity</b>	CP12-3

**DIMENSIONS**

mm in

**Cross-sectional view**



**ORDERING INFORMATION**

**CP311 - 1 - B - 12S - 10.0**

<b>Seals</b>	<b>Seal kit</b>		
B = Buna-N	120053		
V = Viton	120052		
<b>Housing and ports</b>	<b>Housing P/N</b>	<b>Regulated Flow</b>	
0 = No Housing	No Housing	L/min	[US gal/min]
4B = Al, 1/2 BSP	CP12-3-4B	0.5 = 1.9	[0.5]
6B = Al, 3/4 BSP	CP12-3-6B	12.0 = 45.4	[12.0]
10S = Al, #10 SAE	CP12-3-10S		
12S = Al, #12 SAE	CP12-3-12S		
Other housings available			