



# Directional Control Valves Technical Information

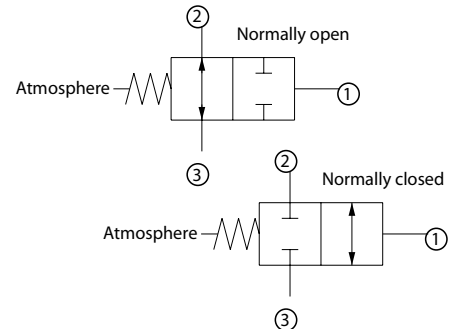
## 2-Position, 2-Way, Atmospheric Vent

### CP712-1

#### OPERATION

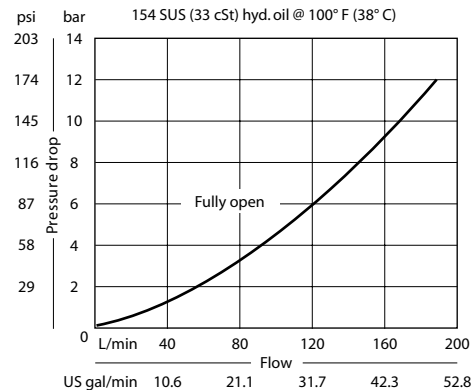
This valve is a hydraulically operated spool with atmospheric vent.

#### Schematic



#### SPECIFICATIONS

##### Theoretical performance



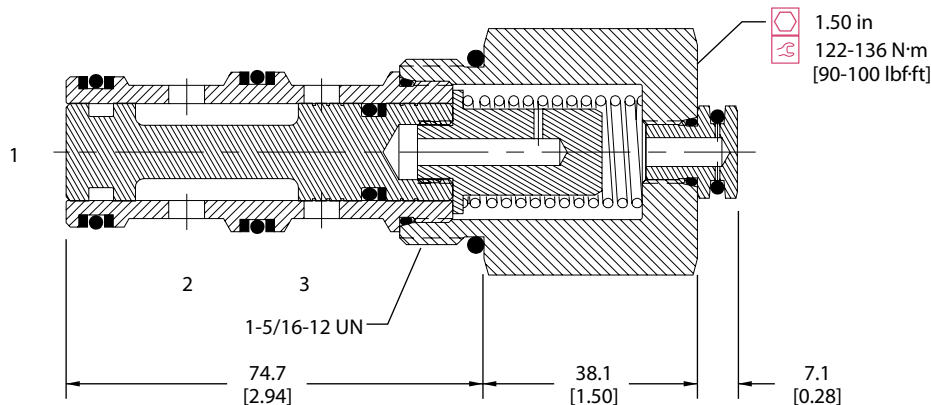
##### Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	130 l/min [34 US gal/min]
Weight	0.57 kg [1.25 lb]
Cavity	SDC16-3

#### DIMENSIONS

mm [in]

##### Cross-sectional view



#### ORDERING INFORMATION

<b>CP712 - 1 - B - 16S - C - 080 - S1</b>			
<b>Seals</b>	<b>Seal kit</b>	<b>Spool seals</b>	
B = Buna-N	120202	S1 = Seal at top of spool	
V = Viton	120203	S2 = Seals at top and bottom of spool	
<b>Housing and ports</b>	<b>Housing P/N</b>	<b>Shift pressure</b>	
0 = No Housing	No Housing		
E6B = AL, 3/4 BSP	SDC16-3-SE-6B	040 = 2.8 bar [40 psi]	
E8B = AL, 1 BSP	SDC16-3-SE-8B	080 = 5.5 bar [80 psi]	
12S = AL, #12 SAE	CP16-3-12S	150 = 10.3 bar [150 psi]	
16S = AL, #16 SAE	CP16-3-16S		
Other housings available			
<b>Configuration</b>			
O = Normally open			
C = Normally closed			