



# Directional Control Valves Technical Information

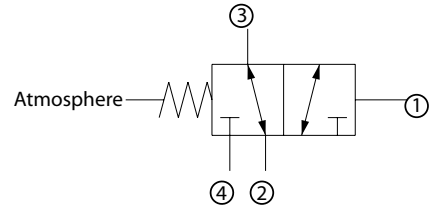
## 2-Position, 3-Way, Atmospheric Vent

### CP720-1

#### OPERATION

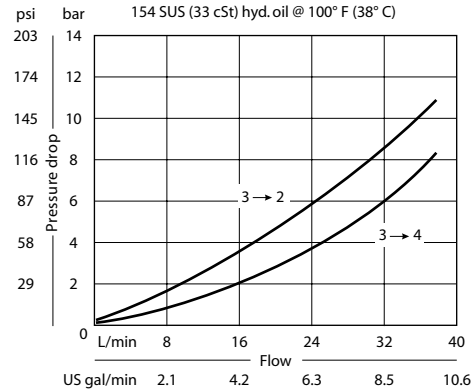
This valve is a 3-way hydraulically piloted spool with atmospheric vent.

#### Schematic



#### SPECIFICATIONS

#### Theoretical performance



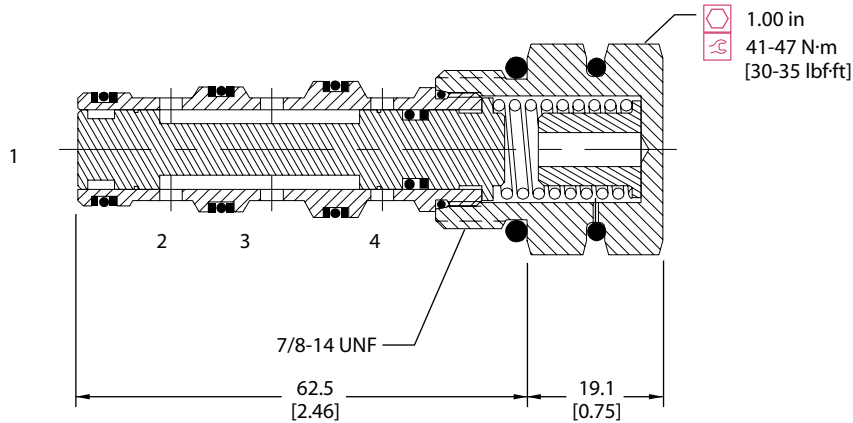
#### Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	30 l/min [8 US gal/min]
Weight	0.15 kg [0.33 lb]
Cavity	<b>SDC10-4</b>

#### DIMENSIONS

mm [in]

#### Cross-sectional view



#### ORDERING INFORMATION

CP720 - 1 - B - 8S - 150 - S1

#### Seals

B = Buna-N  
V = Viton

#### Housing and ports

0 = No Housing  
L3B = AL, 3/8 BSP  
L4B = AL, 1/2 BSP  
6S = AL, #6 SAE  
8S = AL, #8 SAE  
Other housings available

#### Housing P/N

No Housing  
SDC10-4-L-3B  
SDC10-4-L-4B  
CP10-4-6S  
CP10-4-8S

#### Spool seals

S1 = Seal at top of spool  
S2 = Seals at both ends of spool

#### Shift pressure

	bar	[psi]
040	= 2.8	[40]
050	= 3.5	[50]
080	= 5.5	[80]
125	= 8.6	[125]
150	= 10.3	[150]