



# Directional Control Valves Catalog

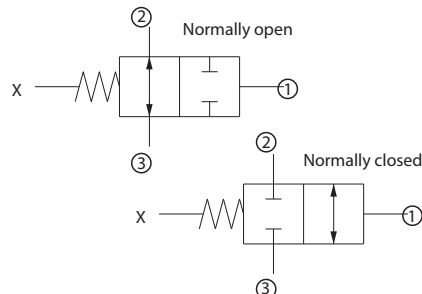
## 2-Position, 2-Way, External Pilot

### CP710-2

### OPERATION

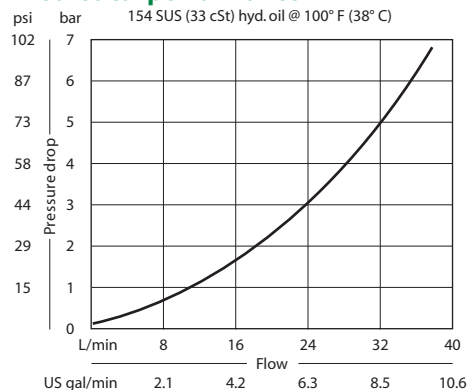
This valve is a 2-way double hydraulically piloted spool.

### Schematic



### SPECIFICATIONS

#### Theoretical performance



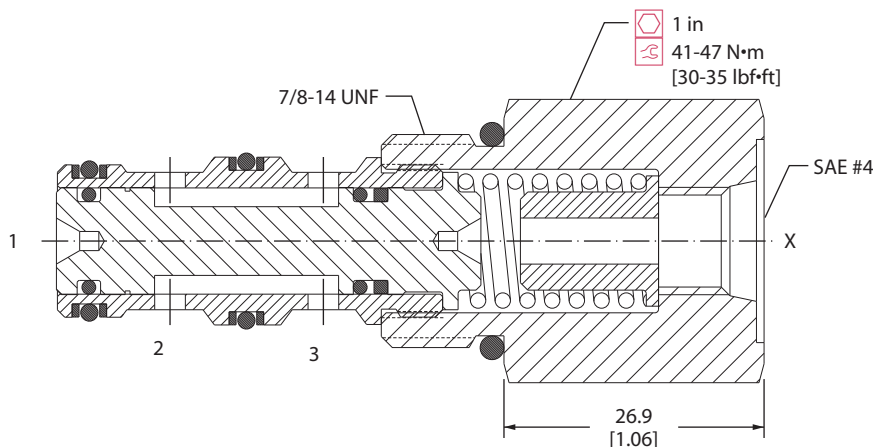
#### Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	40 l/min [11 US gal/min]
Weight	0.13 kg [0.29 lb]
Cavity	SDC10-3

### DIMENSIONS

mm [in]

Cross-sectional view



### ORDERING INFORMATION

**CP710 - 2 - B - 16S - C - 080 - S1**

<p><b>Seals</b></p> <p>B = Buna-N V = Viton</p> <p><b>Seal kit</b> 120009 120010</p> <p><b>Housing and ports</b> 0 = No Housing SE3B = AL, 3/8 BSP SE4B = AL, 1/2 BSP 6S = AL, #6 SAE 8S = AL, #8 SAE Other housings available</p> <p><b>Housing P/N</b> No Housing SDC10-3-SE-3B SDC10-3-SE-4B CP10-3-6S CP10-3-8S</p> <p><b>Configuration</b> O = Normally open C = Normally closed</p>	<p><b>Pool seals</b> S1 = Seal at top of spool S2 = Seal at top and bottom of spool S3 = No seals S4 = Seal at bottom of spool</p> <p><b>Shift pressure</b></p> <table border="0"> <tr> <td>040 = 2.8</td> <td>[40]</td> </tr> <tr> <td>050 = 3.4</td> <td>[50]</td> </tr> <tr> <td>080 = 5.5</td> <td>[80]</td> </tr> <tr> <td>125 = 8.6</td> <td>[125]</td> </tr> <tr> <td>150 = 10.3</td> <td>[150]</td> </tr> </table> <p>shift pressure assumes no seal</p>	040 = 2.8	[40]	050 = 3.4	[50]	080 = 5.5	[80]	125 = 8.6	[125]	150 = 10.3	[150]
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