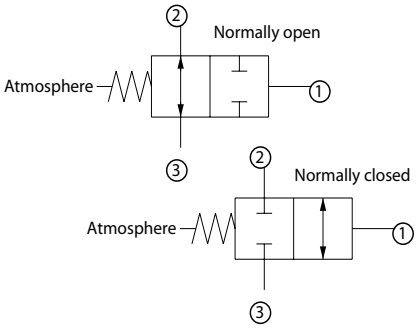
Comatrol
RESPONSIVENESS IN MOTION
Member of the Danfoss Group

Directional Control Valves Catalog
2-Position, 2-Way, Atmospheric Vent
CP710-1

OPERATION

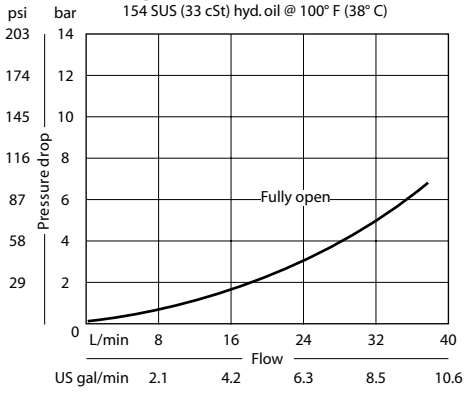
This valve is a hydraulically operated spool with atmospheric vent.

Schematic



SPECIFICATIONS

Theoretical performance



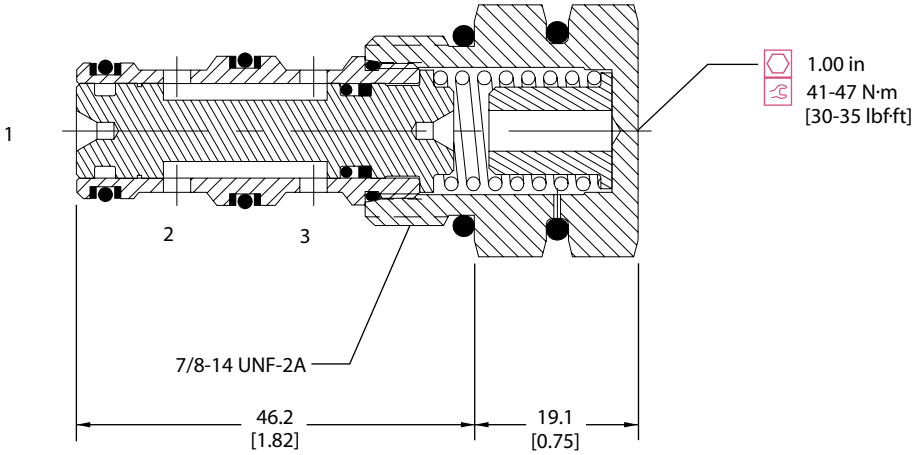
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	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 - 1 - B - 8S - C - 150 - S1

Seals

B = Buna-N
V = Viton

Seal kit
120009
120010

Housing and ports

0 = No Housing
SE3B = AL, 3/8 BSP
SE4B = AL,1/2 BSP
6S = AL, #6 SAE
8S = AL, #8 SAE
Other housings available

Housing P/N

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

Spool seals

S1 = Seal at top of spool
S2 = Seals at top and bottom of spool

Shift pressure

	bar	[psi]
050 =	3.5	[50]
080 =	5.5	[80]
150 =	10.3	[150]

Configuration

O = Normally open
C = Normally closed