



Directional Control Valves Catalog

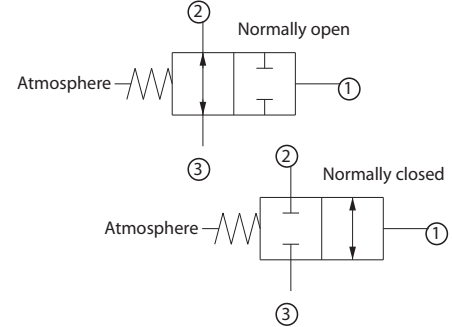
2-Position, 2-Way, Atmospheric Vent

CP712-1

OPERATION

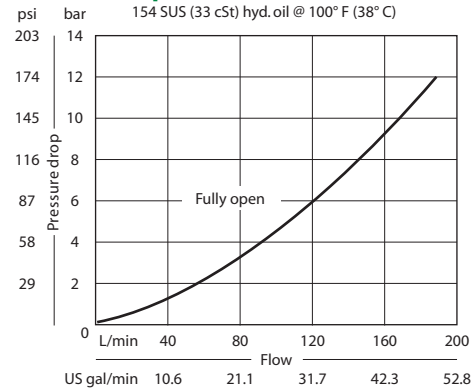
This valve is a hydraulically operated spool with atmospheric vent.

Schematic



SPECIFICATIONS

Theoretical performance



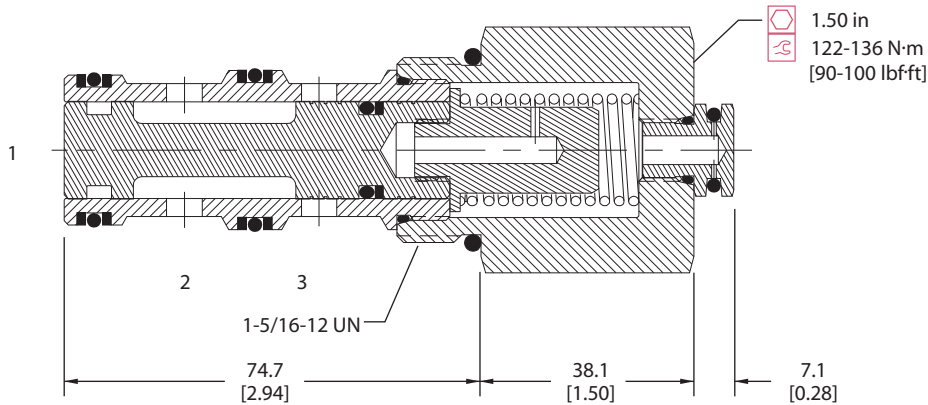
Specifications

| | |
|-------------------------------|---------------------------|
| 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

CP712 - 1 - B - 16S - C - 080 - S1

Seals

B = Buna-N
V = Viton

Seal kit
120202
120203

Housing and ports

0 = No Housing
E6B = AL, 3/4 BSP
E8B = AL, 1 BSP
12S = AL, #12 SAE
16S = AL, #16 SAE
Other housings available

Housing P/N

No Housing
SDC16-3-SE-6B
SDC16-3-SE-8B
CP16-3-12S
CP16-3-16S

Spool seals

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

Shift pressure

| Shift pressure (bar) | Shift pressure (psi) |
|----------------------|----------------------|
| 040 | 2.8 [40] |
| 080 | 5.5 [80] |
| 150 | 10.3 [150] |

Configuration

O = Normally open
C = Normally closed