



Directional Control Valves Technical Information

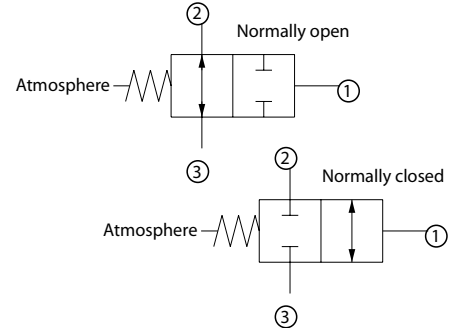
2-Position, 2-Way, Atmospheric Vent

CP712-1

OPERATION

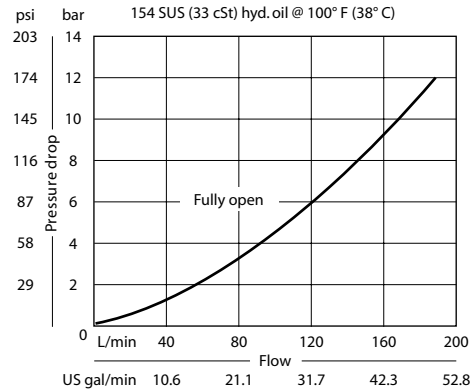
This valve is a hydraulically operated spool with atmospheric vent.

Schematic



SPECIFICATIONS

Theoretical performance



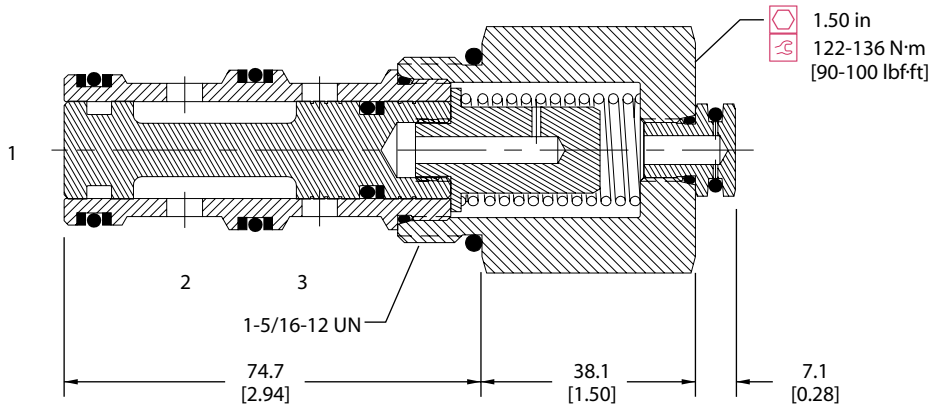
Specifications

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

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

Seals	Seal kit 120202 120203	Spool seals S1 = Seal at top of spool S2 = Seals at top and bottom of spool
B = Buna-N V = Viton		
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	Shift pressure
		040 = 2.8 bar [40] [psi] 080 = 5.5 bar [80] [psi] 150 = 10.3 bar [150] [psi]
	Configuration O = Normally open C = Normally closed	