



Directional Control Valves Technical Information

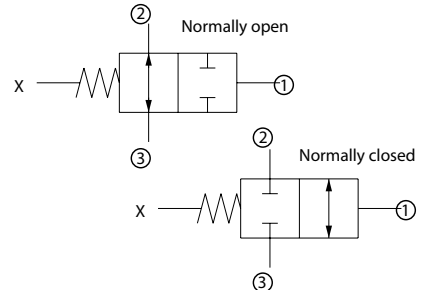
2-Position, 2-Way, External Pilot

CP712-2

OPERATION

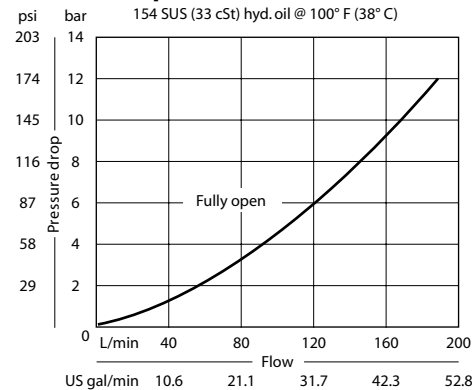
This valve is a 2-way double hydraulically piloted spool.

Schematic



SPECIFICATIONS

Theoretical performance



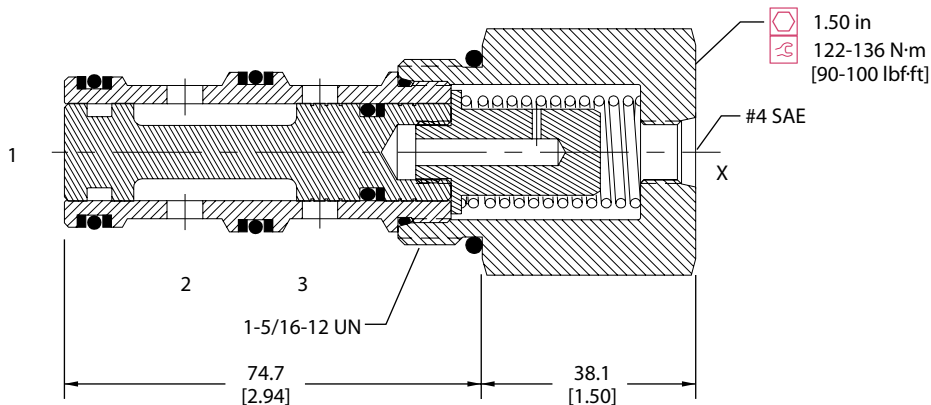
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	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 - 2 - B - 16S - C - 080 - S1			
Seals	Seal kit	Spool seals	
B = Buna-N	120202	S1 = Seal at top of spool	
V = Viton	120203	S2 = Seals at top and bottom of spool	
		S3 = No seals	
		S4 = Seal at bottom of spool	
Housing and ports	Housing P/N	Shift pressure	
0 = No Housing	No Housing	bar [psi]	
5E6B = AL, 3/4 BSP	SDC16-3-SE-6B	040 = 2.8 [40]	
5E8B = AL, 1BSP	SDC16-3-SE-8B	080 = 5.5 [80]	
12S = AL, #12 SAE	CP16-3-12S	150 = 10.3 [150]	
16S = AL, #16 SAE	CP16-3-16S	shift pressure assumes no seals	
Other housings available			
	Configuration		
	O = Normally open		
	C = Normally closed		