



Flow Control Valves Technical Information

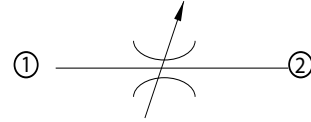
Needle Valve, Bi-Directional

CP610-2

OPERATION

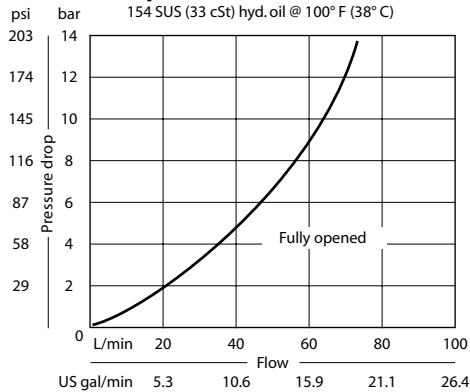
This valve is a non-pressure compensated, adjustable flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



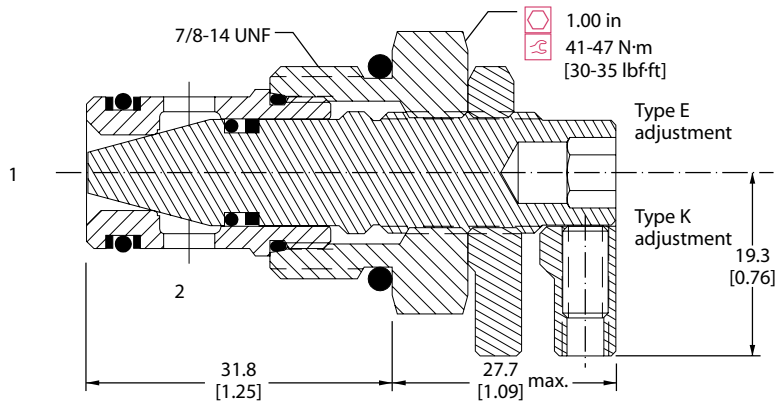
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	50 l/min [13 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.13 kg [0.29 lb]
Cavity	SDC10-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP610 - 2 - B - 8S - K

Seals			
B = Buna-N			
V = Viton			
Housing and ports			
0 = No Housing			
DG3B = AL, 3/8 BSP			
DG4B = AL, 1/2 BSP			
6S = AL, #6 SAE			
8S = AL, #8 SAE			
Other housings available			
	Seal kit		
	120073		
	120074		
	Housing P/N		
	No Housing		
	SDC10-2-DG-3B		
	SDC10-2-DG-4B		
	CP10-2-6S		
	CP10-2-8S		
		Adjustment option	
		E = External	
		K = Knob	