



Flow Control Valves Technical Information

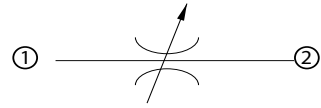
Needle Valve, Bi-Directional

CP618-6

OPERATION

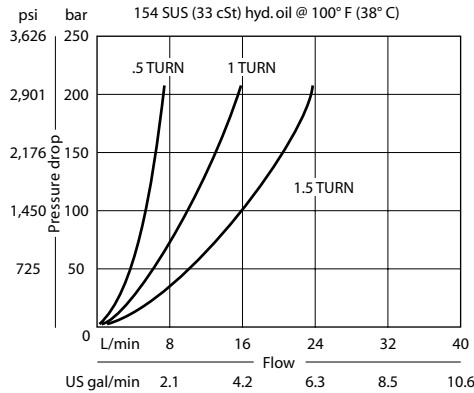
This valve is a non-pressure compensated, fine-metering, adjustable flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



Specifications

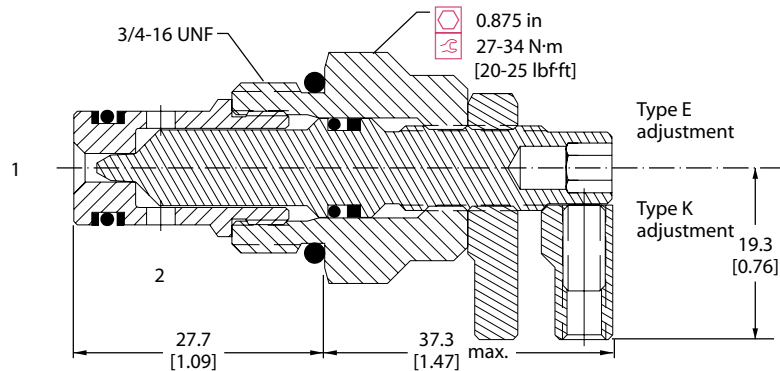
Rated pressure	310 bar [4500 psi]*
Rated flow at 7 bar [100 psi]	10 l/min [3 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.12 kg 0.26 lb
Cavity	SDC08-2

*Updated Pressure Rating

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP618-6-B-6S-K

Seals			
B = Buna-N		Seal kit	
V = Viton		120227	
		120228	
Housing and ports		Housing P/N	Adjustment option
0 = No Housing		No Housing	E = External
DG2B = AL, 1/4 BSP		SDC08-2-DG-2B	K = Knob
DG3B = AL, 3/8 BSP		SDC08-2-DG-3B	
DG4S = AL, #4 SAE		CP08-2-4S	
DG6S = AL, #6 SAE		CP08-2-6S	
Other housings available			