



Flow Control Valves Technical Information

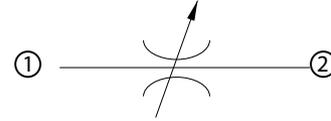
Needle Valve, Bi-Directional

CP618-1

OPERATION

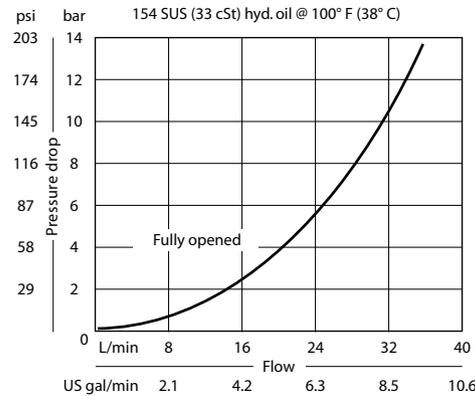
This valve is a non-pressure compensated, adjustable flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



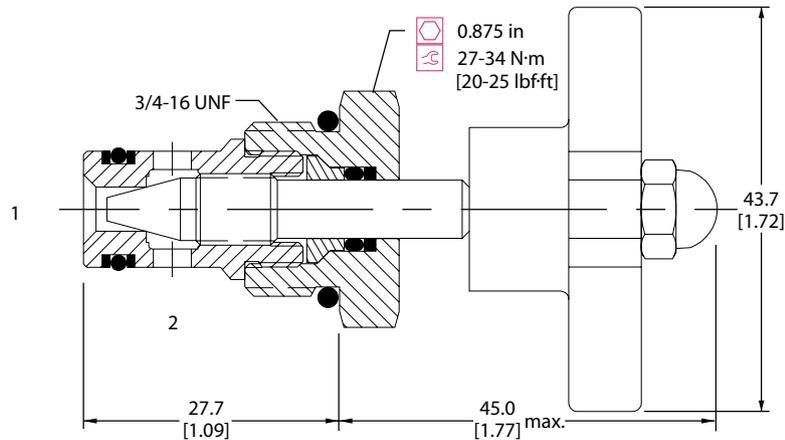
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	25 l/min [7 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.07 kg [0.15 lb]
Cavity	SDC08-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP618-1-B-6S-B

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