



Flow Control Valves Technical Information

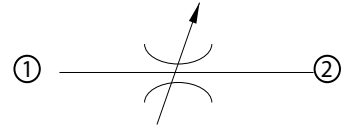
Needle Valve, Bi-Directional

CP618-2

OPERATION

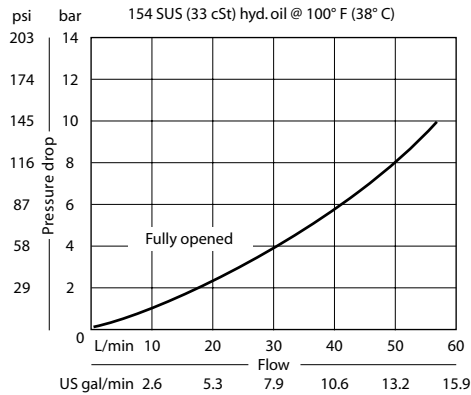
This valve is a non-pressure compensated, adjustable flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



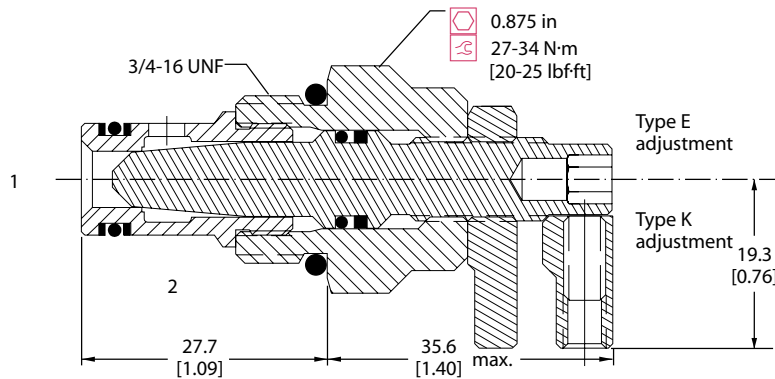
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	45 l/min [12 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.09 kg [0.20 lb]
Cavity	SDC08-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP618 - 2 - B - 6S - K

Seals

B = Buna-N
V = Viton

Seal kit
120227
120228

Housing and ports

0 = No Housing
DG2B = AL, 1/4 BSP
DG3B = AL, 3/8 BSP
DG4S = AL, #4 SAE
DG6S = AL, #6 SAE
Other housings available

Housing P/N

No Housing
SDC08-2-DG-2B
SDC08-2-DG-2B
CP08-2-4S
CP08-2-6S

Adjustment option

E = External adjustment
K = Knob adjustment