



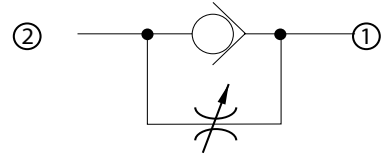
Flow Control Valves Technical Information

Needle Valve, Bi-Directional, Fine Metering, Reverse Free Flow CP610-7

OPERATION

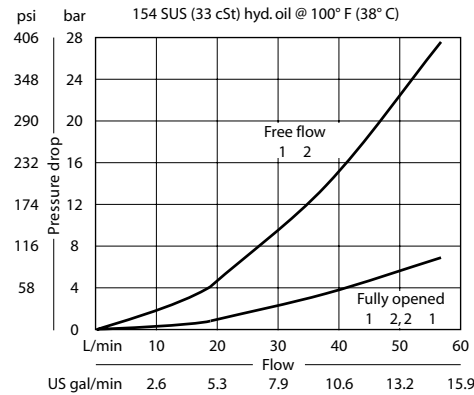
This valve is an adjustable orifice with free reverse flow.

Schematic



SPECIFICATIONS

Theoretical performance



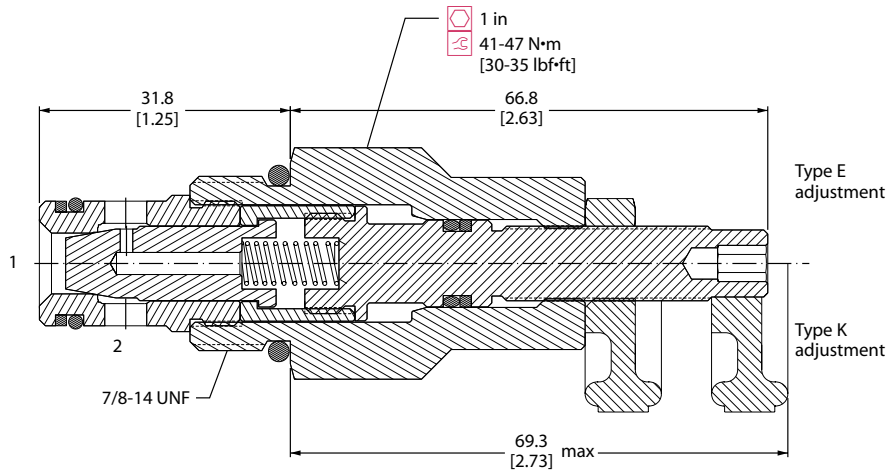
Specifications

Rated pressure	350 bar [5075 psi]
Rated flow at 7 bar [100 psi]	55 l/min [15 US gal/min]
Leakage	30 drops/min @ Rated pressure
Weight	0.18 kg [0.40 lb]
Cavity	SDC10-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP610-7-B-8S-K

Seals

B = Buna-N
V = Viton

Seal kit
120015
120016

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

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