

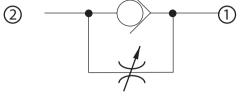
Flow Control Valves Catalog

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

OPERATION

This valve is an adjustable orifice with free reverse flow.

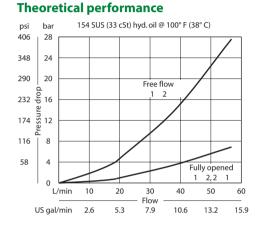
Schematic



Specifications

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

SPECIFICATIONS



Cross-sectional view

1 in 41-47 N•m [30-35 lbf•ft] 31.8 66.8 [1.25] [2.63] Type E adjustment Type K 2 adjustment 7/8-14 UNF 69.3 [2.73] max – CP610 - 7 - B - 8S - K Seals Seal kit B = Buna-N120015 V = Viton120016 **Adjustment option Housing and ports** Housing P/N E = External 0 = No HousingNo Housing K = Knob DG3B = AL,3/8 BSPSDC10-2-DG-3B DG4B = AL, 1/2 BSPSDC10-2-DG-4B 6S = AL, #6 SAE CP10-2-6S 8S = AL, #8 SAE CP10-2-8S Other housings available

DIMENSIONS mm in

ORDERING INFORMATION