

Relief Valves

CP210-1

Relief Valve, Direct Acting, Spool Type

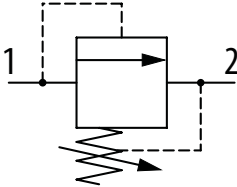
210 bar [3000 psi] • 45 l/min [12 US gpm]



DESCRIPTION AND OPERATION

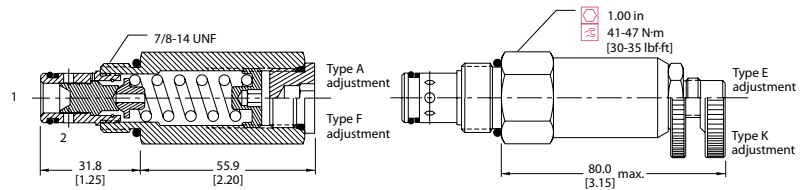
This is a direct acting spool, type relief valve that relieves from port 1 to 2. It has been designed to give stable performance at lower pressure and can be used as a purge relief, bypass filter elements or in applications that require better control.

SCHEMATIC



DIMENSIONS

mm [in]

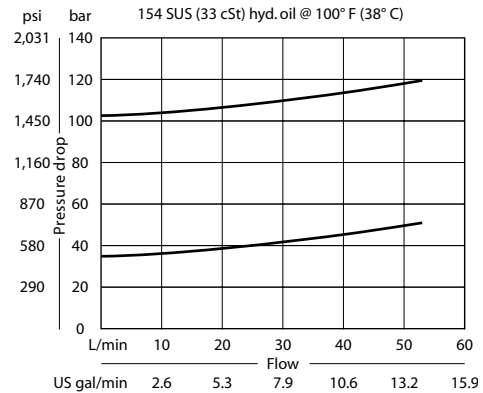


PERFORMANCE DATA

Rated pressure	210 bar [3000 psi]
Rated flow	45 l/min [12 US gpm]
Leakage	82 ml/min [5 in ³ /min] @ 80% of Pressure Setting
Weight	0.22 kg [0.48 lb]
Cavity	SDC10-2

PERFORMANCE CURVES

Pressure Override



MODEL CODE

CP210 - 1 - B - 6S - A - C - 075

Seal Option

Code	Seal kit
B-Buna - N	120015
V-Viton	120016

Housing

Code	Ports & Material	Housing Model Code
0	No Housing	No Housing
DG3B	AL, 3/8 BSP	SDC10-2-DG-3B
DG4B	AL, 1/2 BSP	SDC10-2-DG-4B
6S	AL, #6 SAE	CP10-2-6S
8S	AL, #8 SAE	CP10-2-8S

* Aluminum bodies are to be used for pressures less than 210 bar [3000 psi].

*Additional housings available

Adjustment Option

A - Internal
E - External
F - Tamper resistant
K - Knob

Pressure Setting

Example:

Code x10 - Pressure setting in psi (50 psi increments within specified Pressure Range)
XXX-Standard setting (see Pressure Range for value)

Code	Bar	Psi
075	52	[750]

Pressure Range

Code	Bar	Psi
A Standard Setting	3.4-28 17	[50-400] [250]
B Standard Setting	5.5-55 28	[80-800] [400]
C Standard Setting	6.9-97 52	[100-1400] [750]
D Standard Setting	34-166 103	[500-2400] [1500]