Pressure Reducing Valves Technical Information

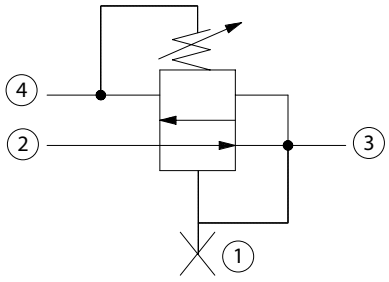
Pressure Reducing, Relieving, Direct Acting with Damping Port

PRR10-DRD

OPERATION

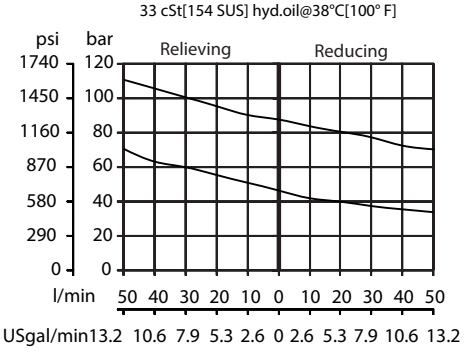
This is a direct-acting pressure reducing/ relieving valve, with damping port.

Schematic



SPECIFICATIONS

Theoretical performance



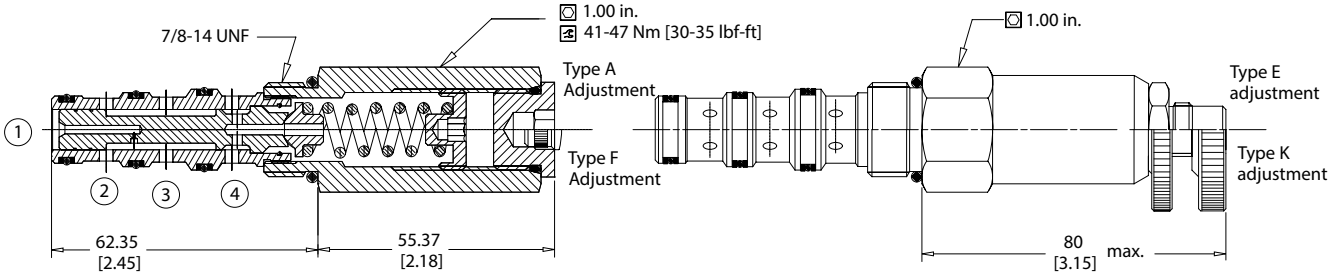
Specifications

Rated pressure	207 bar [3000 psi]
Rated Flow at 7 bar [100 psi]	38 l/min [10 US gal/min]
Weight	0.29 kg [0.64 lb]
Cavity	**SDC10-4**

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

PRR10-DRD-4-E-104-B-00

Pressure Range
1 = 4-27 bar [50-400 psi]
Standard Setting 21 bar [300 psi]
2 = 5-55 bar [70-800 psi]
Standard Setting 35 bar [500 psi]
3 = 7-96 bar [100-1400 psi]
Standard Setting 69 bar [1000 psi]
4 = 35-165 bar [500-2400 psi]
Standard Setting 104 bar [1500 psi]

Adjustment Type
A = Internal
E = External
F = Tamper Resistant
K = Knob

Pressure Setting
104 = 104 bar [1500 psi]
XXX = Standard Setting

Seals
B = Buna-N
V = Viton

Seal Kit
120023
120024

Housing and ports
00 = No Housing
3B = Al, 3/8 BSP
4B = Al, 1/2 BSP
6S = Al, #6 SAE
8S = Al, #8 SAE

Housing Part #
No Housing
CP10-4-3B
CP10-4-4B
CP10-4-6S
CP10-4-8S

P108 370E