



Relief Valves Technical Information

Differential Area

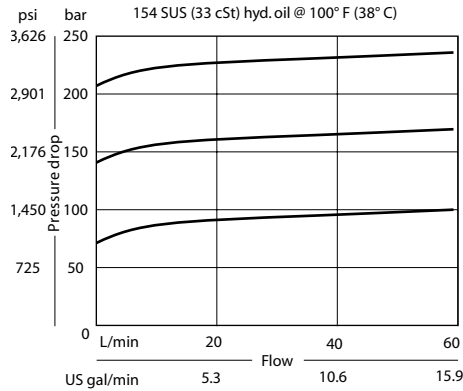
CP208-1

OPERATION

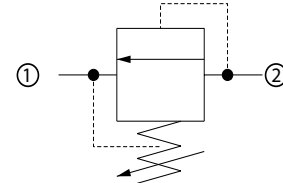
This is a direct acting differential area poppet type relief valve that relieves from 2 to 1.

SPECIFICATIONS

Theoretical performance



Schematic



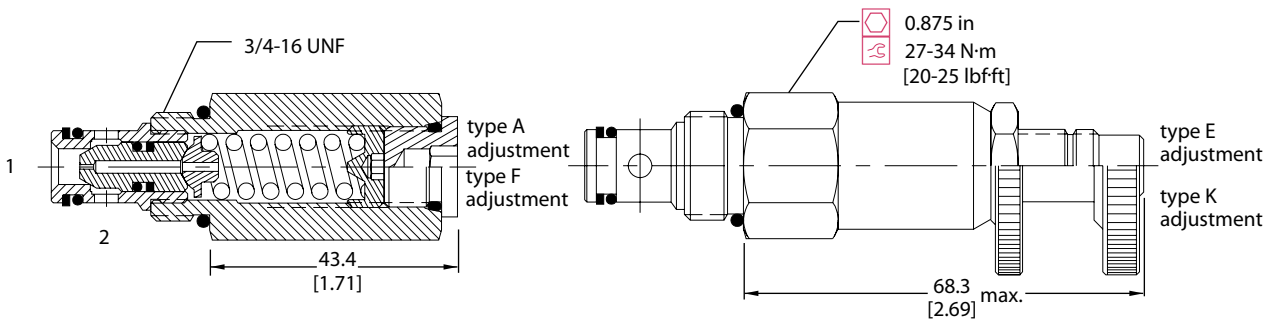
Specifications

Rated pressure	250 bar [3600 psi]
Rated flow	40 l/min [11 US gal/min]
Leakage	10 drops/min @ 80% of pressure setting
Weight	0.15 kg [0.32 lb]
Cavity	SDC08-2

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP208-1-B-6S-A-C-150

- Seals**
 - B = Buna-N
 - V = Viton
- Housing and ports**
 - 0 = No Housing
 - DG2B = AI, 1/4 BSP
 - DG3B = AI, 3/8 BSP
 - 4S = AI, #4 SAE
 - 6S = AI, #6 SAE
- Other housings available**
- Adjustment option**
 - A = Internal
 - E = External
 - F = Tamper resistant
 - K = Knob
- Seal Kit**
 - 120221
 - 120222
- Housing P/N**
 - No Housing
 - SDC08-2-DG-2B
 - SDC08-2-DG-3B
 - CP08-2-4S
 - CP08-2-6S
- Crack pressure**
 - Code x 10 = psi
 - Example: 150 = 1500 psi
- Pressure range**

Option	bar	[psi]
A = Standard	7-69	[100-1000]
B = Standard	28	[400]
B = Standard	14-138	[200-2000]
C = Standard	69	[1000]
C = Standard	35-248	[500-3600]
Standard	103	[1500]