ENGINEERING TOMORROW

Relief Valves Technical Information

Thermal Relief

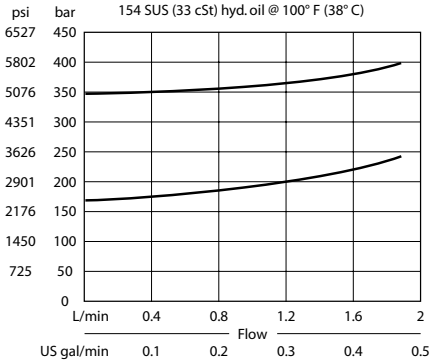
CP208-4

OPERATION

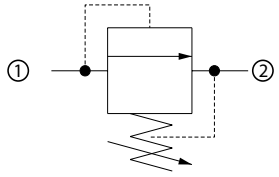
This is a direct-acting poppet type thermal relief valve that relieves from 1 to 2.

SPECIFICATIONS

Theoretical performance



Schematic



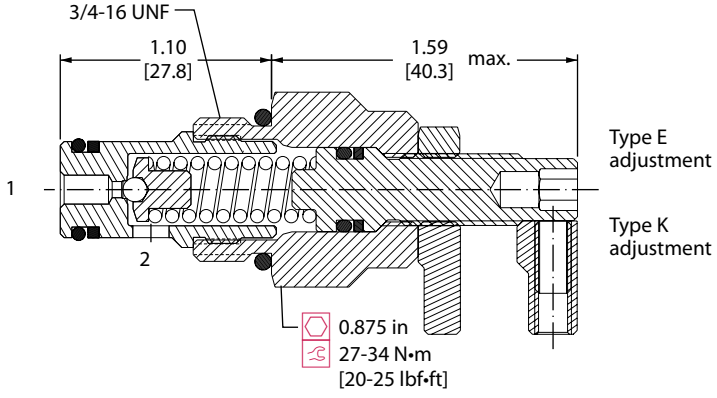
Specifications

Rated pressure	415 bar [6000 psi]
Rated flow	1.1 l/min [0.3 US gal/min]
Leakage	10 drops/min @ 80% of pressure setting
Weight	0.23 kg [0.50 lb]
Cavity	**SDC08-2**

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP208-4-B-4S-E-C-300

Seals
B = Buna-N
V = Viton

Seal kits
120221
120222

Crack pressure
Code x 10 = psi
Example: 300 = 3000 psi

Housing and ports

			Housing P/N
0	=	No Housing	No Housing
DG2B	=	Al, 1/4 BSP	SDC08-2-DG-2B
DG3B	=	Al, 3/8 BSP	SDC08-2-DG-3B
4S	=	Al, #4 SAE	CP08-2-4S
6S	=	Al, #6 SAE	CP08-2-6S

Other housings available

Adjustment ranges

	bar	psi
A = Standard	2-103 207	[30-1500] [1000]
B = Standard	7-207 103	[100-3000] [1500]
C = Standard	69-414 207	[1000-6000] [3000]

Adjustment options
E = External
K = Knob