



Relief Valves Technical Information

Thermal Relief

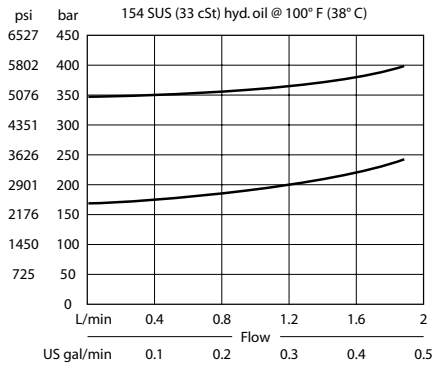
CP208-4

OPERATION

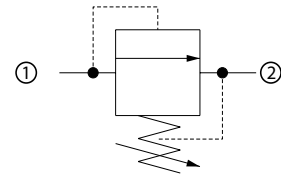
This is a direct-acting poppet type thermal relief valve that relieves from 1 to 2.

SPECIFICATIONS

Theoretical performance



Schematic



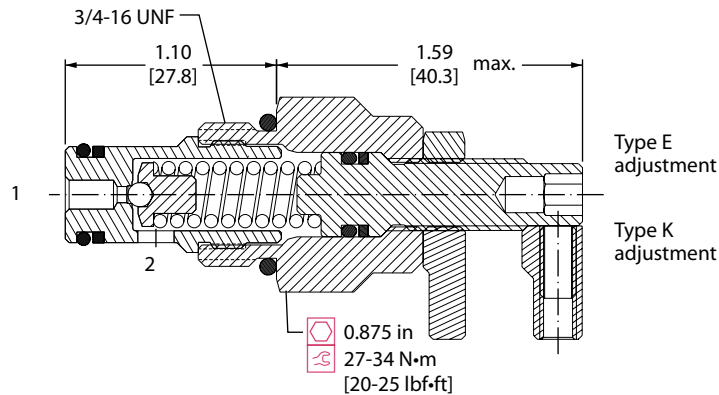
Specifications

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		Seal kits	Crack pressure
B = Buna-N		120221	Code x 10 = psi
V = Viton		120222	Example: 300 = 3000 psi
Housing and ports		Housing P/N	Adjustment ranges
0	= No Housing	No Housing	
DG2B	= Al, 1/4 BSP	SDC08-2-DG-2B	A = 2-103 bar [30-1500] psi
DG3B	= Al, 3/8 BSP	SDC08-2-DG-3B	Standard 207 [1000]
4S	= Al, #4 SAE	CP08-2-4S	B = 7-207 bar [100-3000] psi
6S	= Al, #6 SAE	CP08-2-6S	Standard 103 [1500]
Other housings available			C = 69-414 bar [1000-6000] psi
			Standard 207 [3000]
			Adjustment options
			E = External
			K = Knob