



Relief Valves Technical Information

Pilot Operated

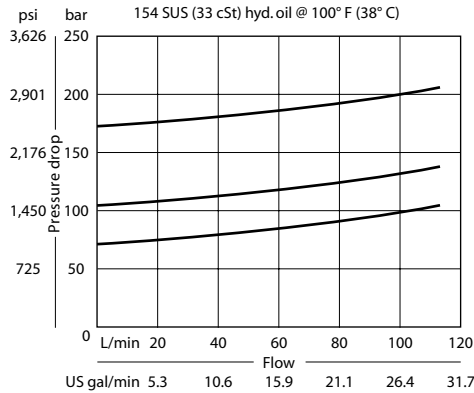
CP210-2

OPERATION

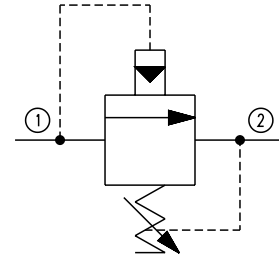
This is a pilot operated spool type relief valve that relieves pressure from 1 to 2.

SPECIFICATIONS

Theoretical performance



Schematic

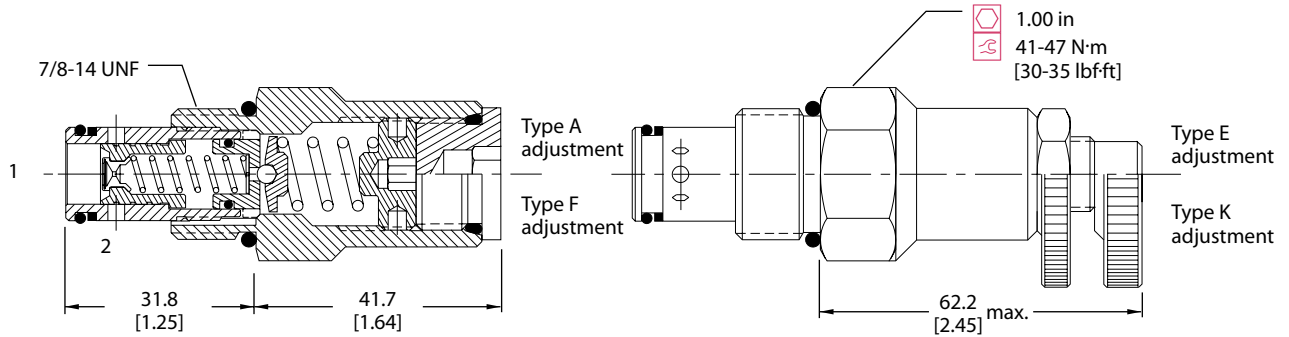


Specifications

| | |
|-----------------------|---|
| Rated pressure | 350 bar [5075 psi] |
| Rated flow | 115 l/min [30 US gal/min] |
| Leakage | 82 cm ³ /min [5 in ³ /min] @ 207 bar [3000 psi] |
| Weight | 0.18 kg [0.40 lb] |
| Cavity | SDC10-2 |

DIMENSIONS

Cross-sectional view



ORDERING INFORMATION

CP210 - 2 - B - 6S - A - C - 150

| | | | |
|--------------------------|--|-----------------------|--|
| Seals | B = Buna-N V = Viton | Seal kit | 120015 120016 |
| Housing and ports | 0 = No Housing DG3B = Al, 3/8 BSP DG4B = Al, 1/2 BSP 6S = Al, #6 SAE 8S = Al, #8 SAE Other housings available | Housing P/N | No Housing SDC10-2-DG-3B SDC10-2-DG-4B CP10-2-6S CP10-2-8S |
| Adjustment option | A = Internal E = External F = Tamper resistant K = Knob | Crack pressure | Code x 10 = psi Example: 150 = 1500 psi |
| | | Pressure range | bar [psi] |
| | | A = | 14-69 [200-800] |
| | | Standard | 28 [400] |
| | | B = | 14-103 [200-1500] |
| | | Standard | 69 [1000] |
| | | C = | 28-207 [400-3000] |
| | | Standard | 103 [1500] |
| | | D = | 28-345 [400-5000] |
| | | Standard | 103 [1500] |