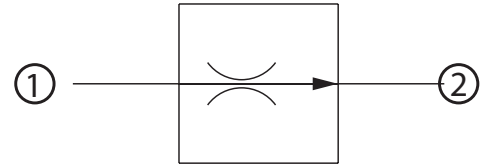


OPERATION

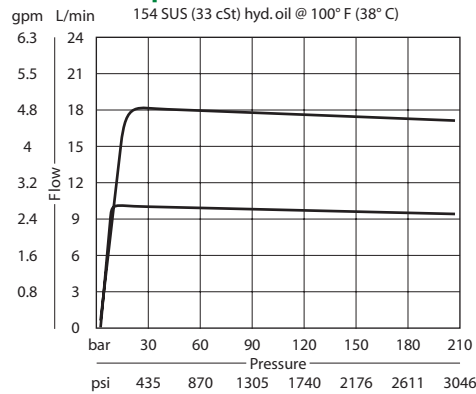
This valve is a fixed pressure compensated flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



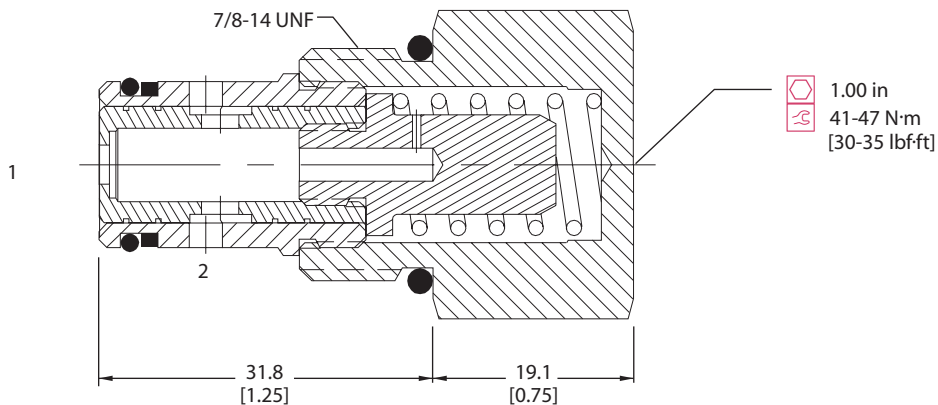
Specifications

| | |
|---------------------------|---------------------------------------|
| Rated pressure | 210 bar [3000 psi] |
| Max regulated flow | 23 l/min [6 US gal/min] |
| Weight | 0.12 kg [0.26 lb] |
| Accuracy ± 20% | 0.4-2.2 l/min [0.1-0.6 US gal/min] |
| ± 15% | 2.3-6.8 l/min [0.6-1.8 US gal/min] |
| ± 10% | 6.9-22.7 l/min [1.8-6 US gal/min] |
| Cavity | SDC10-2 |

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP300 - 1 - B - 8S - 2.5

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

Regulated Flow

| L/min | [US gal/min] |
|-------|--------------|
| 0.5 | 1 [0.5] |
| to | |
| 6.0 | 22.7 [6.0] |