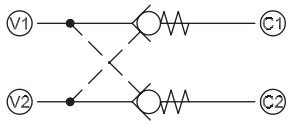
# Pilot Operated Check Valves Catalog
## Catalog HIC
## CP410-1

## OPERATION

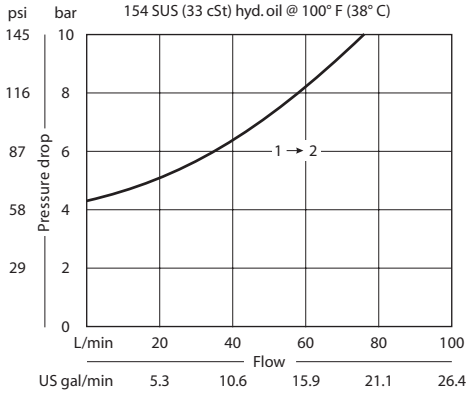
This is a dual pilot operated check valve, which uses two CV10-NP check valves.

## Schematic




## SPECIFICATIONS

### Theoretical performance




### Specifications

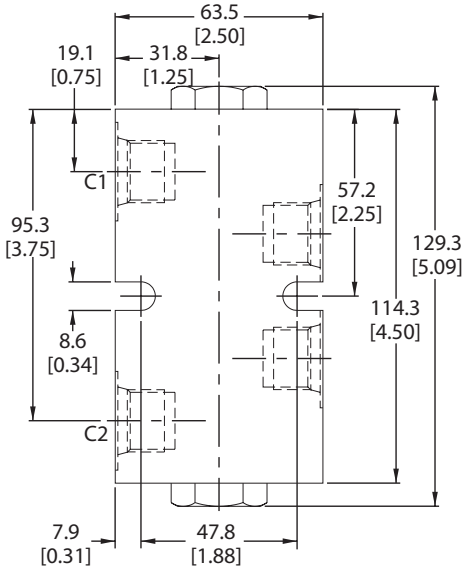
| | |
|---|---|
| **Rated pressure** | 210 bar [3000 psi] |
| **Rated flow at 7 bar [100 psi]** | 85 l/min [22 US gal/min] |
| **Leakage** | 6 drops/min @ Rated pressure |
| **Weight** | 0.67 kg [1.48 lb] |
| **Pilot ratio** | 4:1 |
| **Cavity** | none |

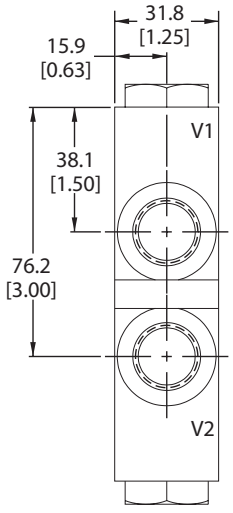
Note: A piston seal requires a 4.5 bar [65 psi] or greater return spring.

## DIMENSIONS

mm [in]

Cross-sectional view




## ORDERING INFORMATION

**CP410 - 1 - B - 8S - 0 - 065**

**Seals**

| | Seal kit | W/ piston seals |
|---|---|---|
| B = Buna-N | 120072 | 120176 |
| V = Viton | 120161 | 120177 |

**Housing and ports**

| | Housing P/N |
|---|---|
| 6S = Aluminum, #6 SAE | 220099 |
| 8S = Aluminum, #8 SAE | 220100 |
| 3B = Al, 3/8 BSP | 221794 |
| 4B = Al, 1/2 BSP | 221652 |

**Crack Pressure**

| | bar | [psi] |
|---|---|---|
| 065 | = 4.50 | [65] |

**Piston seals**

0 = No seals
S = Seals included