



This valve is a pilot to open check valve. It has a sealed pilot, a steel seat, and is vented. It allows free flow from the valve (port 2) to the load (port 1) and blocks flow in the opposite direction. Pressure at the pilot (port 3) pilot port will open the valve from port 1 to port 2. Pilot pressure needed to open the valve is directly proportional to the load pressure at port 1. The valve is insensitive to pressure at port 2 because the spring chamber is referenced out the back of the hex body.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| | |
|---|---------------------------|
| Maximum Operating Pressure | 5000 psi |
| Pilot Ratio | 3:1 |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 1 drops/min. |
| Locknut Hex Size | 7/16 in. |
| Seal kit - Cartridge | Buna: 990-019-007 |
| Seal kit - Cartridge | Polyurethane: 990-019-002 |
| Seal kit - Cartridge | Viton: 990-019-006 |

CONFIGURATION OPTIONS

Model Code Example: CKIVCN

CRACKING PRESSURE

(C) SEAL MATERIAL

(N) MATERIAL/COATING

- C** 30 psi (2 bar)
- A** 4 psi (0,3 bar)
- B** 15 psi (1 bar)
- D** 50 psi (3,5 bar)
- F** 100 psi (7 bar)

- N** Buna-N
- V** Viton

- Standard Material/Coating**
- /AP** Stainless Steel, Passivated
- /LH** Mild Steel, Zinc-Nickel