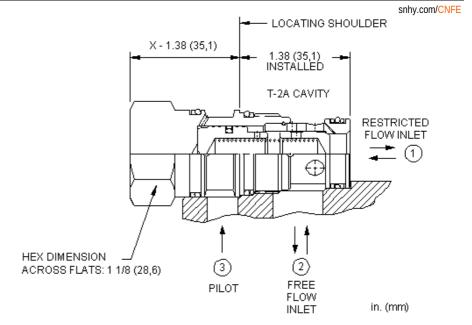


## Pilot-to-close check valve with bypass orifice

#### SERIES 2 / CAPACITY: 160 L/min. / CAVITY: T-2A







This valve is a spring biased closed, pilot-to-close check cartridge with a bypass orifice. It incorporates a steel seat and is non-vented. The valve allows flow from port 1 to port 2 and restricts flow from port 2 to port 1. Pressure at the pilot (port 3) opposes pressure at port 1 at a ratio of 1.8:1. Pressure at port 2 directly opposes the pilot pressure. Note: The bypass orifice diameter is specified by the customer. See Technical Data below for the allowable orifice range.

### **TECHNICAL DATA**

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

Pilot Ratio	1.8:1
Orifice Range	0,4 - 3,2 mm
Seal kit - Cartridge	Buna: 990202007
Seal kit - Cartridge	Polyurethane: 990002002
Seal kit - Cartridge	Viton: 990202006

#### **CONFIGURATION OPTIONS**

# **Model Code Example: CNFEXCN**

(X) SETTING RANGE CONTROL (C) SEAL MATERIAL X Not Adjustable

C 30 psi (2 bar) Cracking Pressure, .016 -.127 in. (0,4 - 3,2 mm) A 4 psi (0,3 bar) Cracking Pressure, .016

- .127 in. (0,4 - 3,2 mm) B 15 psi (1 bar) Cracking Pressure, .016 -

- .127 in. (0,4 3,2 mm) D 50 psi (3,5 bar) Cracking Pressure,
- .016 .127 in. (0,4 3,2 mm) E 75 psi (5 bar) Cracking Pressure, .016 -
- .127 in. (0,4 3,2 mm)
- F 100 psi (7 bar) Cracking Pressure, .016 - .127 in. (0,4 - 3,2 mm)

N Buna-N **V** Viton