



This valve is a pilot to open check valve with a bypass orifice. It incorporates a sealed pilot, a steel seat, and is non-vented. It allows free flow from the valve (port 2) to the load (port 1) and restricts flow in the opposite direction. Pressure at the pilot (port 3) will open the valve from port 1 to port 2. The pilot pressure needed at port 3 to open the valve is directly proportional to the load pressure at port 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.

Maximum Operating Pressure	5000 psi
Pilot Ratio	3:1
Orifice Range	.016 - .153 in.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

CONFIGURATION OPTIONS

Model Code Example: **CNCEXCN**

CONTROL

(X)

SETTING RANGE

(C)

SEAL MATERIAL

(N)

X Not Adjustable

C 30 psi (2 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)

A 4 psi (0,3 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)

B 15 psi (1 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)

D 50 psi (3,5 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)

E 75 psi (5 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)

F 100 psi (7 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)

N Buna-N

V Viton