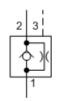


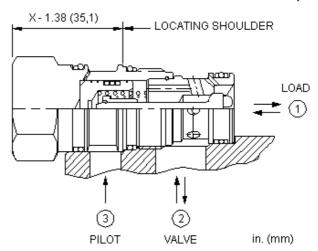
Pilot-to-open check valve with bypass orifice

SERIES 2 / CAPACITY: 120 L/min. / CAVITY: T-2A



sunhydraulics.com/model/CNEE





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.

| Pilot Ratio | 3:1 |
|----------------------------|-------------------------|
| Maximum Operating Pressure | 350 bar |
| Orifice Range | 0,4 - 3,4 mm |
| Seal kit - Cartridge | Buna: 990202007 |
| Seal kit - Cartridge | Polyurethane: 990002002 |
| Seal kit - Cartridge | Viton: 990202006 |

CONFIGURATION OPTIONS

Model Code Example: CNEEXCN

C 30 psi (2 bar) Cracking Pressure, .016 X Not Adjustable

(X) SETTING RANGE

(C) SEAL MATERIAL N Buna-N

V Viton

CONTROL

- .135 in. (0,4 3,4 mm) A 4 psi (0,3 bar) Cracking Pressure, .016
- .135 in. (0,4 3,4 mm) B 15 psi (1 bar) Cracking Pressure, .016 -.135 in. (0,4 - 3,4 mm)
- D 50 psi (3,5 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm)
- E 75 psi (5 bar) Cracking Pressure, .016 -.135 in. (0,4 - 3,4 mm)
- F 100 psi (7 bar) Cracking Pressure, .016
- .135 in. (0,4 3,4 mm)

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