



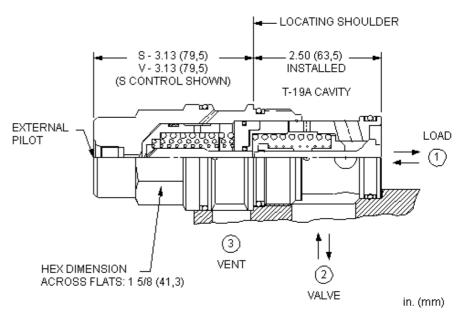
Vented pilot-to-open check valve with external pilot port, sealed pilot, and stem

SERIES 4 / CAPACITY: 480 L/min. / CAVITY: T-19A



sunhydraulics.com/model/CKII





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 external 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 references the vent (port 3).

## **TECHNICAL DATA**

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

Pilot Ratio	3:1
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Seal kit - Cartridge	Buna: 990019007
Seal kit - Cartridge	Polyurethane: 990019002
Seal kit - Cartridge	Viton: 990019006

## **CONFIGURATION OPTIONS**

CONTROL

## Model Code Example: CKIISCN

(S) CRACKING PRESSURE

C 30 psi (2 bar)

(C) SEAL MATERIAL N Buna-N

V Viton

(N)

External 1/4 NPTF Pilot Port, Vent to Port 3

A 4 psi (0,3 bar)

**B** 15 psi (1 bar)

**D** 50 psi (3,5 bar)

**E** 75 psi (5 bar)

F 100 psi (7 bar)

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