



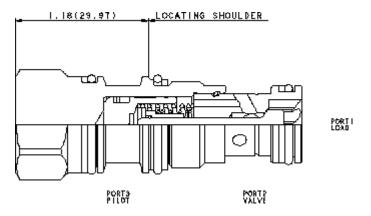
5:1 pilot ratio, pilot-to-open check valve with standard pilot

CAPACITY: 15 gpm / CAVITY: T-11A



sunhydraulics.com/model/CKCR





This valve is a pilot to open check valve. It has a non-sealed pilot, a steel seat, and is non-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) will open the valve from port 1 to port 2. 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 pilot pressure.

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

Maximum Operating Pressure	5000 psi
Pilot Ratio	5:1
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

CONFIGURATION OPTIONS

CONTROL (X)

Standard Pilot Manual Load Release Model Code Example: CKCRXCN

CRACKING PRESSURE

30 psi (2 bar)

(C)

SEAL MATERIAL

MATERIAL/COATING

4 psi (0,3 bar)

15 psi (1 bar)

D 50 psi (3,5 bar)

75 psi (5 bar)

100 psi (7 bar)

Standard Material/Coating Buna-N V Viton /AP Stainless Steel, Passivated

Mild Steel, Zinc-Nickel

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