

MODEL CKCD

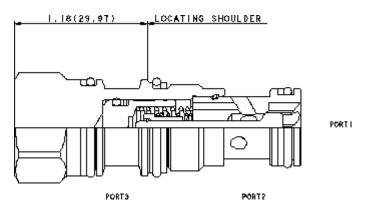
Pilot-to-open check valve with sealed pilot

CAPACITY: 15 gpm / CAVITY: T-11A



sunhydraulics.com/model/CKCD





This valve is a pilot to open check valve. It has 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 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	3:1
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	EPDM: 990-011-014
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

CONFIGURATION OPTIONS

CONTROL (X)

X Standard Pilot

- B External 1/4 BSPP Pilot Port, Port 3 blocked
- L Manual Load Release
- P External 1/4 NPTF Pilot Port, Port 3 Blocked

Model Code Example: CKCDXCN

CRACKING PRESSURE

150 psi (10,5 bar) 1 psi (0,07 bar)

С

В

D

G

(C) SEAL MATERIAL

(N)

MATERIAL/COATING

30 psi (2 bar)	N	Buna-N	
4 psi (0,3 bar)	Е	EPDM	
15 psi (1 bar)	٧	Viton	
50 psi (3,5 bar)			
100 psi (7 bar)			

	Standard Material/Coating
/AP	Stainless Steel, Passivated
/LH	Mild Steel, Zinc-Nickel

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