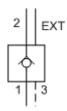


Vented pilot-to-open check valve with external pilot port, sealed pilot, and stem seal CAPACITY: 30 gpm / CAVITY: T-2A

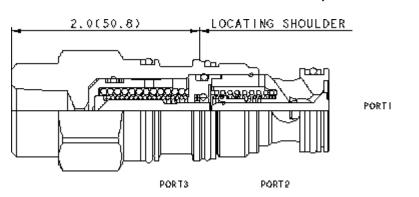


## sunhydraulics.com/model/CKEI



## CONFIGURATION

v	Control	External 1/4 NPTF Pilot Port, Vent to Port 3
с	Cracking Pressure	30 psi (2 bar)
Ν	Seal Material	Buna-N



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**

Maximum Operating Pressure	5000 psi	
Pilot Ratio	3:1	
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.	
Seal kit - Cartridge	Buna: 990-202-007	
Seal kit - Cartridge	Polyurethane: 990-002-002	
Seal kit - Cartridge	Viton: 990-202-006	

CONFIGURATION OPTIONS Model		Code Example: CKEIVCN			
ONTROL	(V)	CRACKING PRESSURE	(C)	SEAL MATERIAL	
External 1/4 NPTF Pilot Port, Vent to P	ort 3	<b>C</b> 30 psi (2 bar)		N Buna-N	
External 4-SAE Pilot Port, Vent to Port	3	<b>A</b> 4 psi (0,3 bar)		V Viton	
		<b>B</b> 15 psi (1 bar)			
		<b>D</b> 50 psi (3,5 bar)			
		E 75 psi (5 bar)			
		<b>F</b> 100 psi (7 bar)			
	DNTROL External 1/4 NPTF Pilot Port, Vent to P	ONTROL (V)   V External 1/4 NPTF Pilot Port, Vent to Port 3	CONTROL(V)CRACKING PRESSURE/ External 1/4 NPTF Pilot Port, Vent to Port 3C30 psi (2 bar)SExternal 4-SAE Pilot Port, Vent to Port 3A4 psi (0,3 bar)B15 psi (1 bar)D50 psi (3,5 bar)E75 psi (5 bar)E75 psi (5 bar)	CNTROL(V)CRACKING PRESSURE(C)/ External 1/4 NPTF Pilot Port, Vent to Port 3C30 psi (2 bar)CSExternal 4-SAE Pilot Port, Vent to Port 3A4 psi (0,3 bar)B15 psi (1 bar)D50 psi (3,5 bar)E75 psi (5 bar)	ONTROL   (V)   CRACKING PRESSURE   (C)   SEAL MATERIAL     / External 1/4 NPTF Pilot Port, Vent to Port 3   C   30 psi (2 bar)   N   Buna-N     S   External 4-SAE Pilot Port, Vent to Port 3   A   4 psi (0,3 bar)   V   Viton     B   15 psi (1 bar)   D   50 psi (3,5 bar)   E   75 psi (5 bar)

(N)