



This valve is a pilot to open check valve. It has a sealed pilot, a Delrin 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	175 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

Model Code Example: CKIESCN

CONTROL	(S)	CRACKING PRESSURE	(C)	SEAL MATERIAL	(N)
S External 4-SAE Pilot Port, Vent to Port 3	C 30 psi (2 bar)	N Buna-N			
V External 1/4 NPTF Pilot Port, Vent to Port 3	B 15 psi (1 bar)	V Viton			
	D 50 psi (3,5 bar)				
	E 75 psi (5 bar)				
	F 100 psi (7 bar)				