MODEL
CKGB

Pilot-to-open check valve with standard pilot
SERIES 3 / CAPACITY: 240 L/min. / CAVITY: T-17A

sunhydraulics.com/model/CKGB

CONFIGURATION

X	Control	Standard Pilot
D	Cracking Pressure	50 psi (3,5 bar)
N	Seal Material	Buna-N
(none)	Material/Coating	

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	350 bar
Pilot Ratio	3:1
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Seal kit - Cartridge	Buna: 990017007
Seal kit - Cartridge	EPDM: 990017014
Seal kit - Cartridge	Polyurethane: 990017002
Seal kit - Cartridge	Viton: 990017006

CONFIGURATION OPTIONS

Model Code Example: CKGBXDN

CONTROL (X)	CRACKING PRESSURE (D)	SEAL MATERIAL (N)	MATERIAL/COATING
X Standard Pilot	**D** 50 psi (3,5 bar)	**N** Buna-N	Standard Material/Coating
L Manual Load Release	**C** 30 psi (2 bar)	**E** EPDM	**/AP** Stainless Steel, Passivated
	A 4 psi (0,3 bar)	**V** Viton	**/LH** Mild Steel, Zinc-Nickel
	B 15 psi (1 bar)		
	E 75 psi (5 bar)		
	F 100 psi (7 bar)		

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