

**MODEL CKBG** 

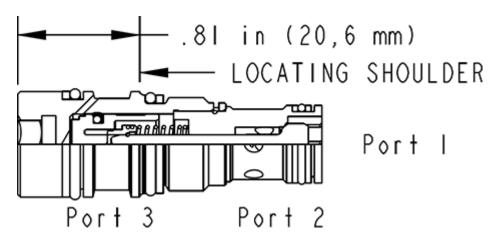
Flush mount pilot-to-open check valve with sealed pilot

CAPACITY: 7.5 gpm / CAVITY: T-163A



sunhydraulics.com/model/CKBG





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.              |
| Valve Internal Hex Size                   | 5/16 in.                  |
| Seal kit - Cartridge                      | Buna: 990-163-007         |
| Seal kit - Cartridge                      | Polyurethane: 990-163-002 |
| Seal kit - Cartridge                      | Viton: 990-163-006        |

## **CONFIGURATION OPTIONS**

Pilot

Model Code Example: CKBGXCN

CONTROL (X) **BIAS PRESSURE** (C)

**SEAL MATERIAL** 

MATERIAL/COATING

Not Adustable, Standard Hydraulic C 30 psi (2 bar) N Buna-N Viton

/AP Stainless Steel, Passivated Mild Steel, Zinc-Nickel /LH

Standard Material/Coating

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