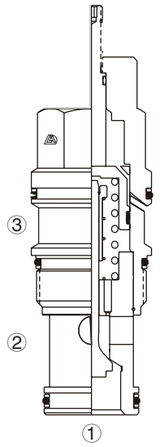
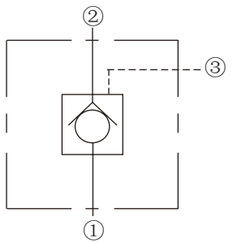
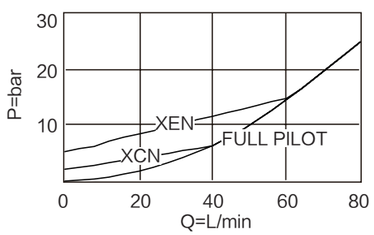
DACKCB-XCN, Pilot-to-Open



ISO SYMBOL



PERFORMANCE (Cartridge Only)



DESCRIPTION

A screw-in, cartridge-style, pilot-operated, hydraulic check valve for use in blocking or load-holding circuits.

OPERATION

The DACKCB-XCN allows flow passage from ② to ① , while normally blocking flow from ① to ② . Flow will be allowed from ① to ② when sufficient pressure is applied at ① .
The cartridge has a 3:1 pilot ratio, meaning that at least one-third of the load pressure held at ① is required at ③ to open the valve. The check is spring-biased to assure holding in static or no-load conditions. A sealed pilot piston option is available.

FEATURES

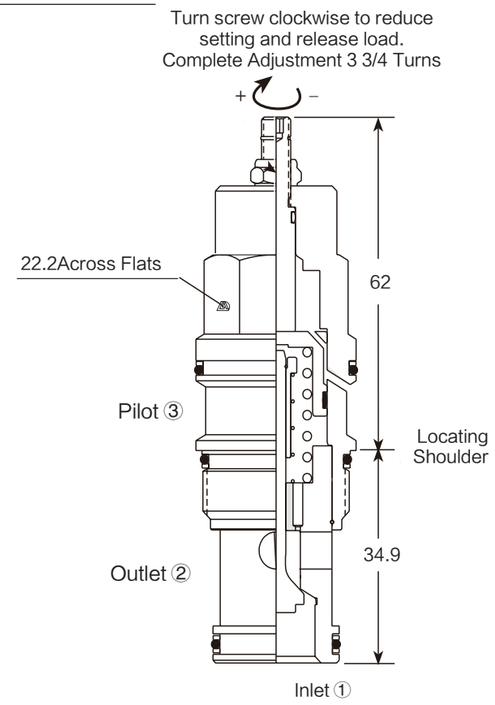
- Hardened seat for long life and low leakage.
- Optional sealed piston.
- Optional spring ranges.
- Compact size.

RATINGS

Operating Pressure: 350bar (5100 psi)
Flow: See Performance Chart
Internal Leakage: at 350 bar (3500 psi):
① to ② t: 0.1ml/minute (2 drops/minute)
Pilot Ratio: standard
Pilot Ratio: Standard to pressure3:1
Check Spring Bias: 2bar (29psi) standard;
Temperature: -40℃ ~ 120℃
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 ssu)
Cavity: T10-3B；See page 302.

DACKCB-XCN

DIMENSIONS



TO ORDER

CK ✱ ✱ – ✱ ✱ ✱

Nominal Capacity
C 60L/min

Version
B Bleed through Pilot
D Sealed Pilot

Control**
Available for all CK*B, CK*D
X Standard Pilot
L Manual Load Release
E External SAE-4 Pilot, Port 3 blocked
P External 1/4" NPTF Pilot, Port 3 blocked CKCB, CKEB, CKGB, CKCD only:
B External 1/4" BSPP Pilot Port 3 blocked

Cracking Pressure
A 0.3 bar
B 1.0 bar
C*2.0bar
D 3.5bar
E*5.0bar
F 7.0bar

Seal Material
N Buna-N
V Viton