

PB-CVC DIRECT ACTING CHECK VALVE, GUIDED BALL**DESCRIPTION**

8 size, 3/4-16 thread, "Power" series, direct acting check valve.

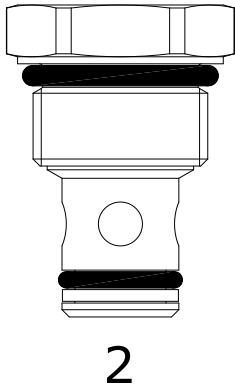
OPERATION

The PB-CVC allows free flow passage from (2) to (1), and blocks flow from (1) to (2).

The cartridge has a fully guided hardened ball, which is spring-biased closed, until sufficient pressure is applied at (2) to open to (1).

FEATURES

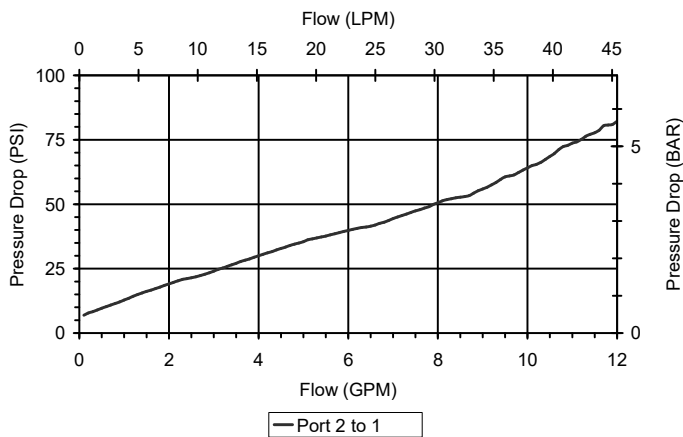
- Hardened parts for long life and low leakage.
- Optional bias springs for back-pressure application flexibility.
- Fully guided ball assembly.
- Industry common cavity.

**HYDRAULIC SYMBOL**

Not recommended for use with Pilot Pistons, see HPB-CVA.

PERFORMANCE

Actual Test Data (Cartridge Only)

**VALVE SPECIFICATIONS**

Nominal Flow	10 GPM (38 LPM)
Rated Operating Pressure	3500 PSI (241 bar)
Typical Internal Leakage (150 SSU)	0-5 drops/min
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	0.10 lbs. (0.05 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	25 ft-lbs (34 Nm)
Cavity	POWER 2W
Cavity Form Tool (Finishing)	40500005
Seal Kit	21191100

