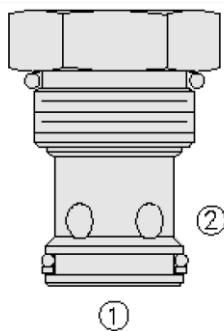


Overview



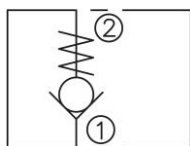
Description

The CV-16-P is a screw-in, cartridge style, hydraulic check valve for use as a blocking or load-holding Device.

Operation

The CV-16-P allows flow passage from port 1 to port 2, while normally blocking oil flow in the opposite direction. The cartridge has a fully guided check, which is spring-biased closed until sufficient pressure is applied at port 1 to open to port 2.

Symbol



Features

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

Ratings

Operating Pressure	: 350 Bar
Flow Rating	: Refer Pressure drop VS Flow Graph
Internal Leakage	: 5 drops/min max at 350 Bar
Cracking Pressures	: 0.34 bar (5 psi) 1.7 bar (25 psi) 4.5 bar (65 psi) 6.9 bar (100 psi)
Temperature	: -40 to +120° C - with buna N Seals (Nitrile)
Filtration	: Maximum Fluid Contamination Level 20/18/14 as per ISO 4406
Fluids	: Mineral Based Fluids with viscosities of 7.4 to 420 cSt
Cavity	: C-16-2

Performance

Path	: 1 to 2
Bias Spring	: 0.34 Bar
Media	: ISO VG32 oil @ 40°C

Flow rate VS PRESSURE DROP

