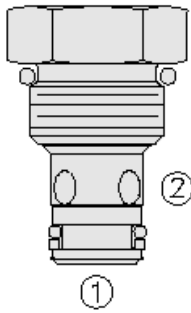


Overview



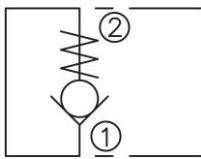
Description

The CV-08-B is a screw-in, cartridge style, hydraulic check valve for use as a blocking or load-holding Device.

Operation

The CV-08-B allows flow passage from port 1 to port 2, while normally blocking the 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.

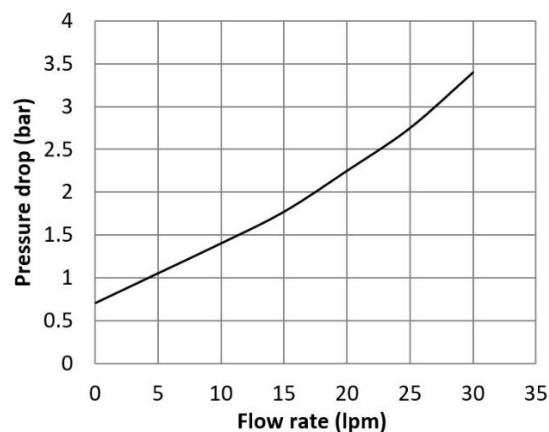
Ratings

Operating Pressure	250 Bar
Flow Rating	Refer Pressure drop VS Flow Graph
Internal Leakage	2 drops/min max at 210 Bar
Cracking Pressures	0.3 bar (4 psi) 0.7 bar (11 psi) 1.5 bar (22 psi) 3.0 bar (43 psi) 3.5 bar (50 psi) 7.0 bar (100 psi)
Temperature	-40 to 100° C - with buna N Seals (Nitrile) -26 to 204° C - with fluorocarbon Seals (Viton)
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-08-2

Performance

Path	: 1 to 2
Bias Spring	: 0.7 Bar
Media	: ISO VG32 oil @ 40°

Flow rate VS PRESSURE DROP



Model Code

CV	-	08	-	B	-		-		-	
Check Valve		Size		Ball						