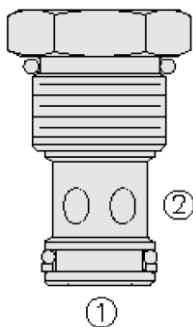


Overview



Description

The CV-12-P is a screw-in, cartridge style, hydraulic check valve for use as a blocking or load-holding Device.

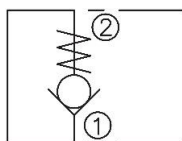
Operation

The CV-12-P 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.

Features

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

Symbol

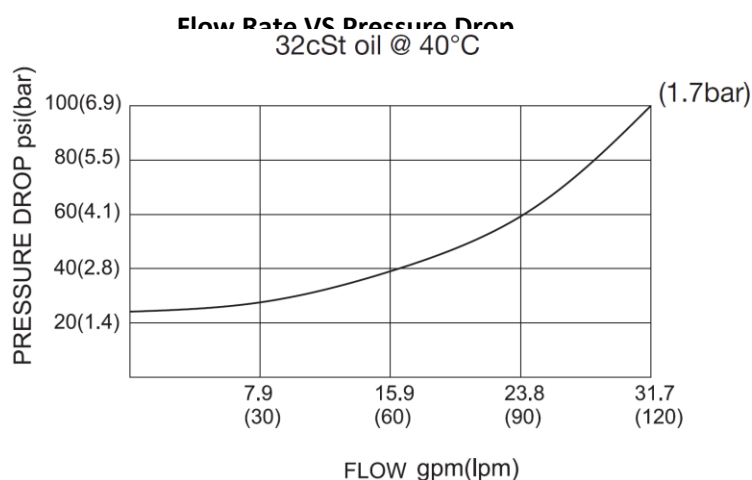


Ratings

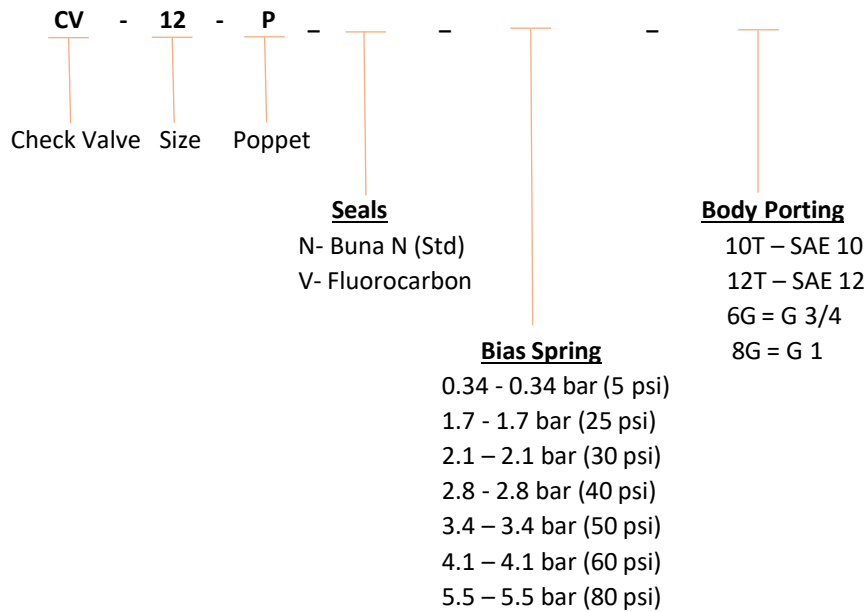
Operating Pressure	: 250 Bar
Flow Rating	: Refer Pressure drop VS Flow Graph
Internal Leakage	: 5 drops/min max at 250 Bar
Cracking Pressures	: 0.34 bar (5 psi) 1.7 bar (25 psi) 2.1 bar (30 psi) 2.8 bar (40 psi) 3.4 bar (50 psi) 4.1 bar (60 psi) 5.5 bar (80 psi)
Temperature	: -40 to 100° C - with buna 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-12-2

Performance

Path	: 1 to 2
Bias Spring	: 1.7 Bar
Media	: ISO VG32 oil @ 40°C

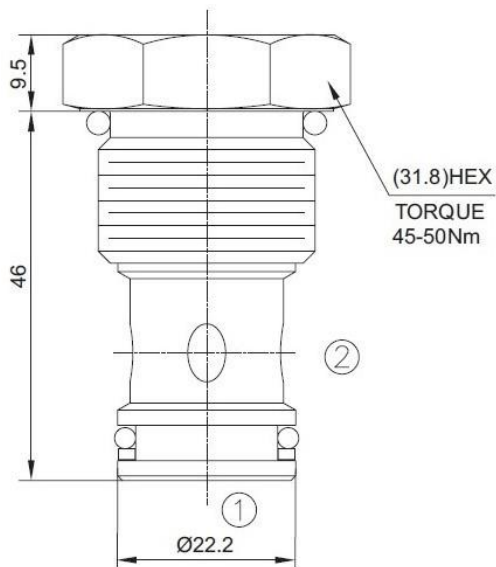


Model Code

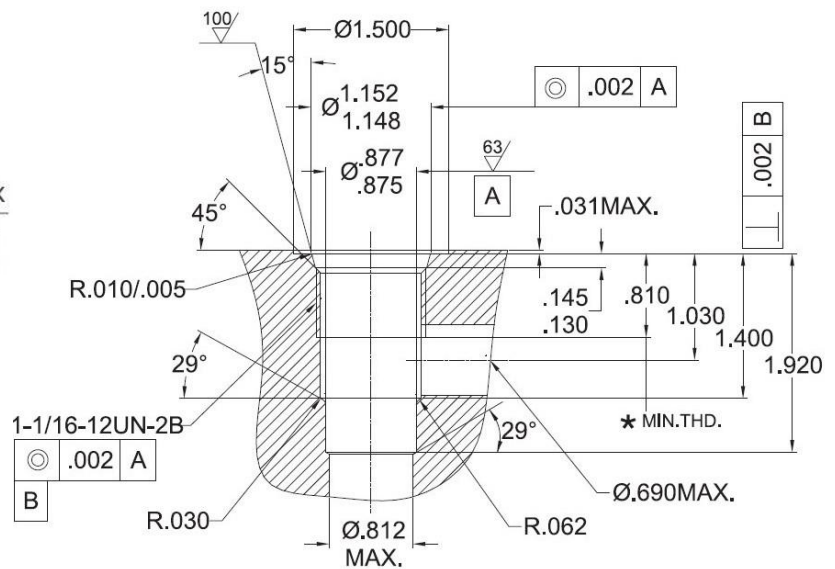


Installation Specifications

Unit = Millimeter



Unit = Inch



CAVITY:12-2

Note : Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.