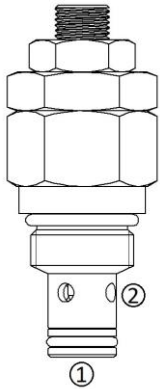




Overview



Description

The RV-08-20 is a screw in, cartridge style, direct acting, poppet type, hydraulic relief valve intended for lower flow circuits requiring low internal leakage.

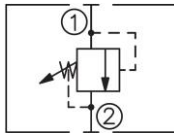
Operation

The valve prevents flow from ① to ② until the set crack pressure at ① is achieved. The poppet then unseats allowing flow from ① to ② protecting the circuit from over pressurization.

Features

- Hardened seat for long life and low leakage.
- Fast response to pressure variations.
- Industry common cavity.
- Compact in size.
- Multiple spring ranges.

Symbol

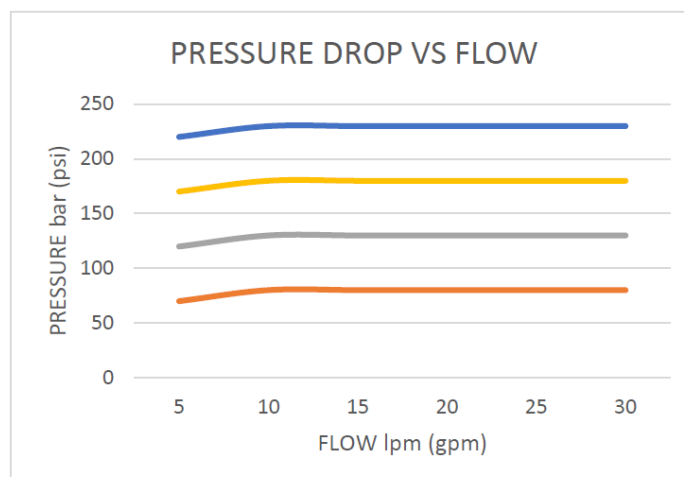


Ratings

Operating Pressure	: 250 Bar
Flow Rating	: Refer Pressure drop VS Flow Graph
Internal Leakage	: 5 drops/min. max. to 80% of nominal setting
Standard Spring Ranges	: 10 : 10 to 100 bar; present: 50 bar 23 : 20 to 230 bar; present: 150 bar
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

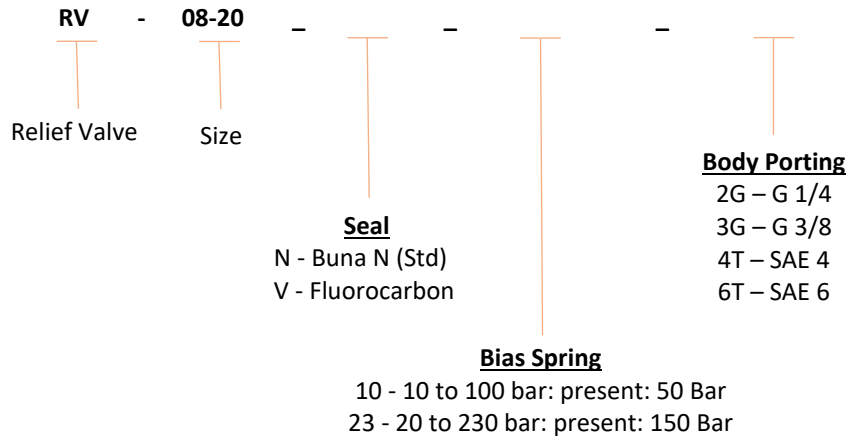
Performance

Path	: 1 to 2
Spring	: 23: 0 to 230 bar; preset:150 bar
Media	: ISO VG32 oil @ 40°C



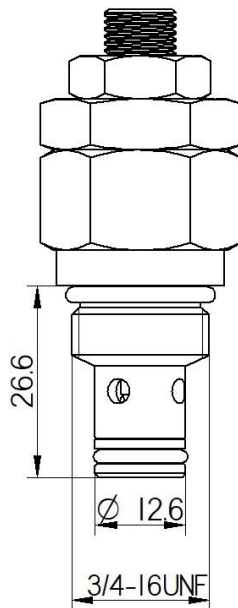


Model Code

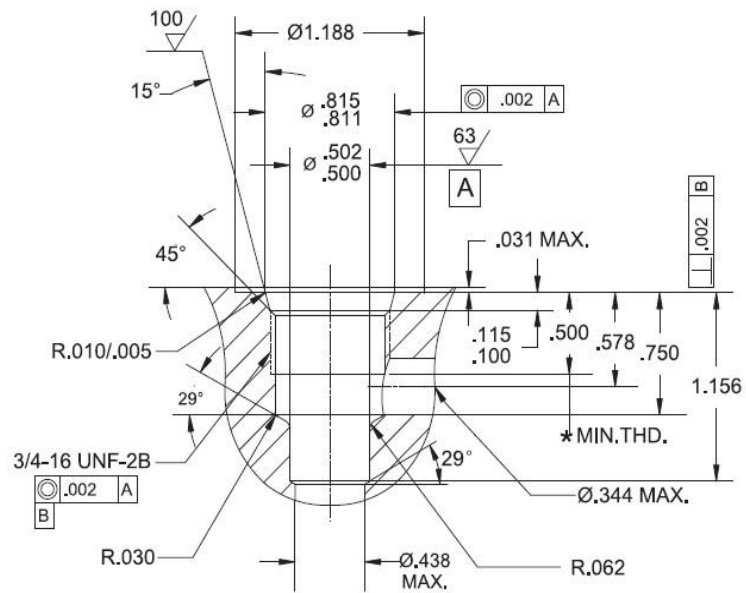


Installation Specifications

Unit = Millimeter



Unit = Inch



CAVITY:08-2

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