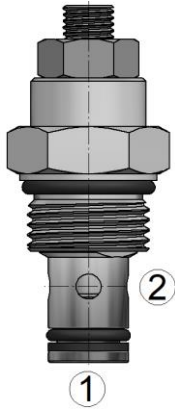


Overview



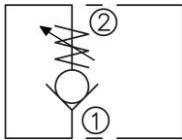
Description

The ACV-08-B is a screw-in, cartridge style, hydraulic adjustable check valve for use as a blocking or load-holding Device. It is also used as bypass valve in some applications.

Operation

The ACV-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. The cracking pressure of the valve can be varied by adjusting the screw and lock nut.

Symbol



Features

- Hardened seat for long life and low leakage.
- Adjustable Screw for back- pressure / bypass application flexibility.
- Fully guided check assembly.
- Industry common cavity.

Ratings

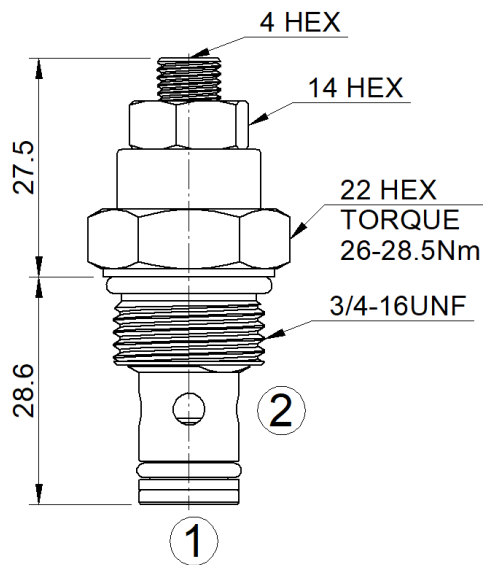
Operating Pressure	: 250 Bar
Flow Rate	: 30 lpm
Internal Leakage	: 2 drops/min max at 210 Bar
Cracking Pressure	: 2 to 5 Bar & Other options available on request.
Temperature	: -40 to 100° C - with buna N Seals (Nitrile) -26 to 204° C - with fluorocarbon Seals (Viton)
Filtration	: Maximum Fluid Contamination Level 20/18/14 as per ISO 4406
Fluids	: Mineral Based Fluids with viscosities of 7.4 to 420 cSt
Cavity	: C-08-2

Model Code

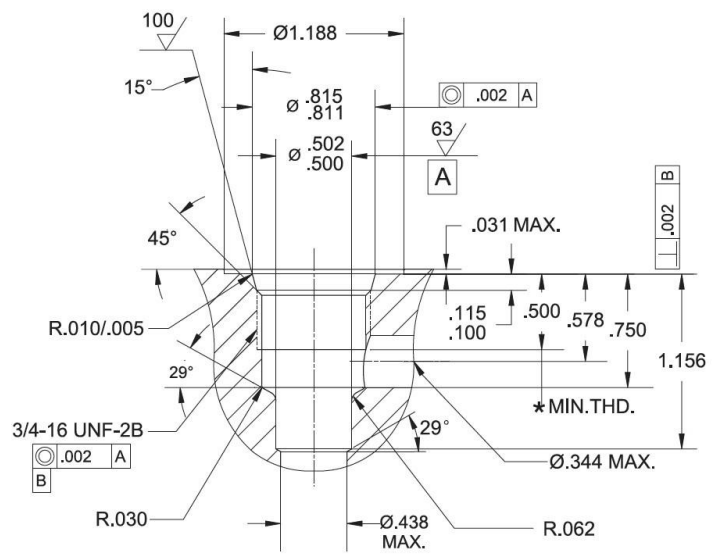
ACV	-	08	-	B	-		-		-		-	
Adjustable Check Valve		Size		Ball								
						Seal					Body Porting	
						N - Buna N (Std) V - Fluorocarbon					2G – G 1/4 3G – G 3/8 4T – SAE 4 6T – SAE 6	
								Bias Spring				
								A - 2 to 5 Bar Other options available on request.				



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.