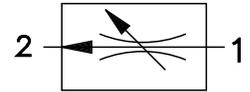
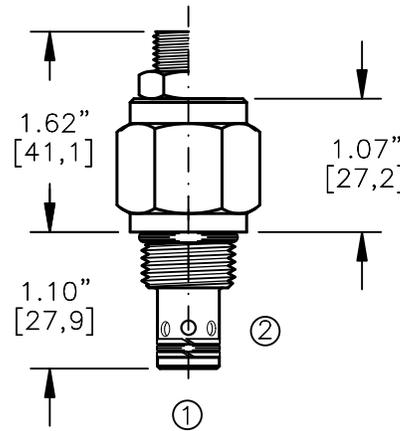
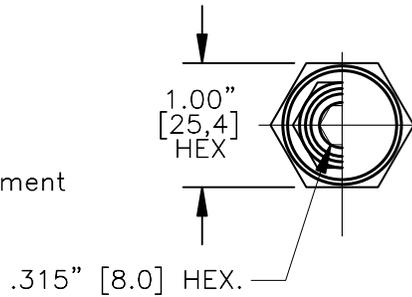
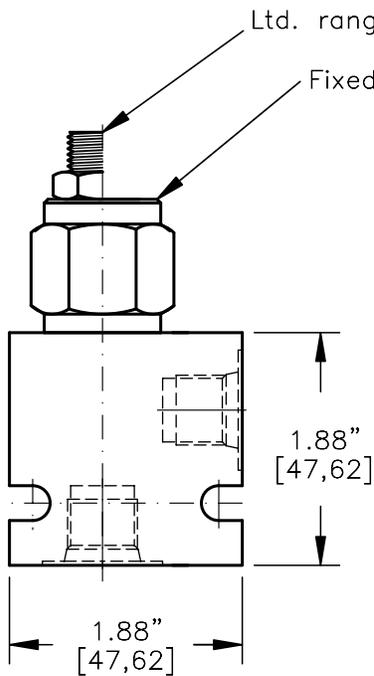


FLOW CONTROL VALVE PRESSURE COMPENSATED,  
FIXED ORIFICE, RESTRICTIVE TYPE



TORQUE:

Steel = 35/40 Ft-Lb. [47/54 Nm]  
Aluminum = 25/30 Ft-Lb. [34/41 Nm]



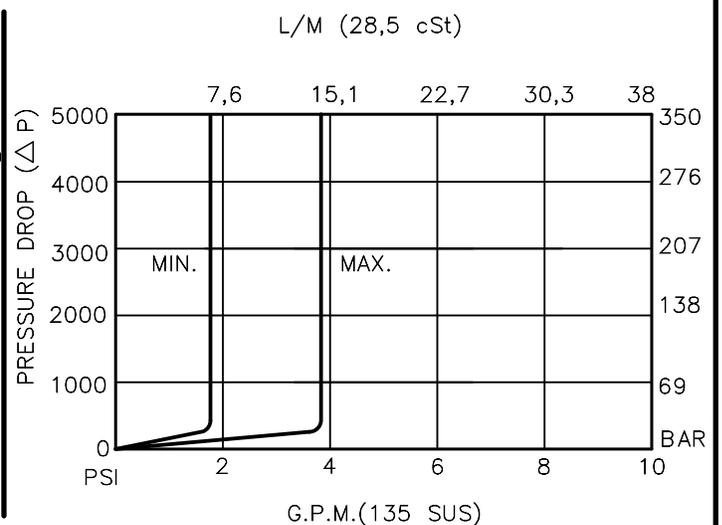
FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-011.1

**PCFC-08-X-X-X-XX**

- BASIC
- SIZE  
08 = 3/4"-16 UNF
- SEALS  
N = BUNA "N"  
V = VITON
- ADJUSTMENT  
F = FIXED (FACTORY SET)  
S = ADJUSTING SCREW  
C = CAPPED  
T = TAMPERPROOF  
K = HANDKNOB  
M = METAL HANDKNOB

- REGULATED FLOW TO BE SPECIFIED  
EXAMPLE  
1.5=1.5 GPM (5,7l/m)
- PORTS  
0 = CARTRIDGE ONLY  
02BX = G 1/4" BSPP  
06TX = SAE - #6
- "A" - ALUM. HOUSING  
"S" - STEEL HOUSING

FOR ADJUSTMENT CONTROL  
OPTIONS SEE PAGE 0-050.0



**FLOW CONTROL VALVE PRESSURE COMPENSATED,  
FIXED ORIFICE, RESTRICTIVE TYPE.****DESCRIPTION – FIXED**

This unit is a SCREW IN, cartridge type, pressure compensated, fixed orifice, restrictive hydraulic flow control valve.

FLOW RANGE: 0.2 TO 4.0 GPM [0,8 TO 15,1 L

**DESCRIPTION – ADJUSTABLE**

This unit is a SCREW IN, cartridge type, pressure compensated, fixed orifice, 30% flow adjustment, restrictive hydraulic flow control valve.

FLOW RANGE: 0.2 TO 6.0 GPM [0,8 TO 22,7 L

Flow adjustment under pressure is difficult.

**OPERATIONS**

Valve maintains constant flow from port 1 to 2 regardless of system pressure or load and non-compensated flow from port 2 to 1 and goes thru the control orifice.

**FEATURES AND BENEFITS**

Valve is available with a screw, tamperproof, capped or knob adjustment. All external carbon steel parts are plated for longer life against the elements. All cartridge valves are 100% functionally tested. Industry common cavity.

**SPECIFICATIONS**

OPERATING PRESSURE: 5,000 PSI (350 Bar)

PROOF PRESSURE: 10,000 PSI (700 Bar)

FLOW: 0.2 to 6.0 GPM [0,8 to 22,7 l/m] nominal. See performance chart.

FLOW ACCURACY:

0.2 to 1.5 GPM [ 0,9 to 6,0 L??– 10.0%

1.5 to 6.0 GPM [ 6,0 to 22,7 L??– 7.5%

VALVE HOUSINGS: 2500 PSI [175 Bar] = Aluminum – Anodized.

5000 PSI [350 Bar] = Steel – Unplated.

OPERATING TEMPERATURE: -40° to +250° F. [-40° to +120° C.]

OPERATING MEDIA: All general purpose hydraulic fluids such as MIL-H-5606, SAE-#10, SAE-#20, etc.

INSTALLATION: No restrictions.

SEAL KIT: SKN-0822 Buna "N".

SKV-0822 Viton.

WEIGHT: .26 lb [.12 kg] cartridge only.

VALVE CAVITY: #C0820, See Page 0-011.0.

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www.bucherhydraulics.com/commoncavity

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