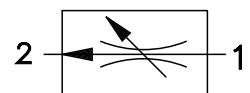
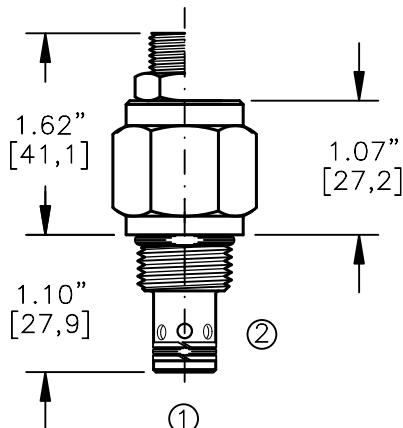
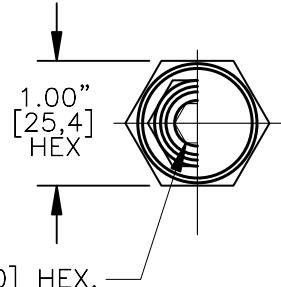
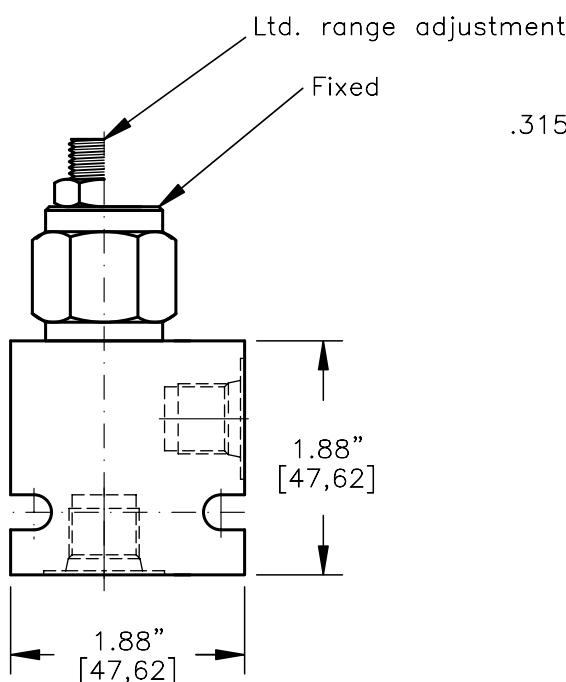


FLOW CONTROL VALVE PRESSURE COMPENSATED,
FIXED ORIFICE, RESTRICTIVE TYPE

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

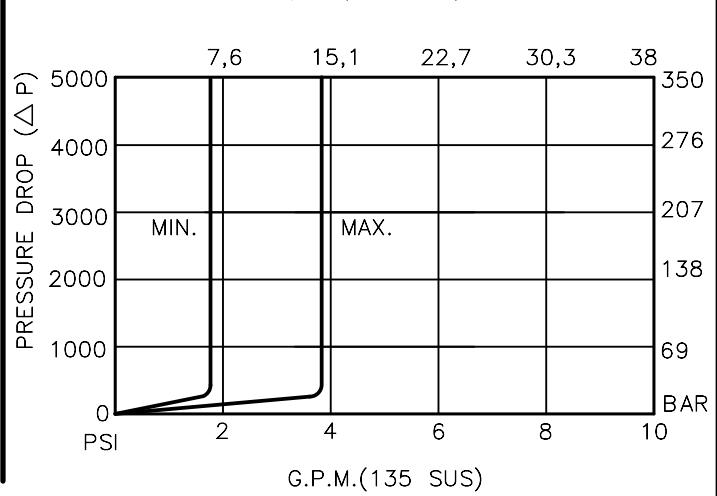
PCFC-08-X-X-X-XX

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

L/M (28,5 cSt)

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.