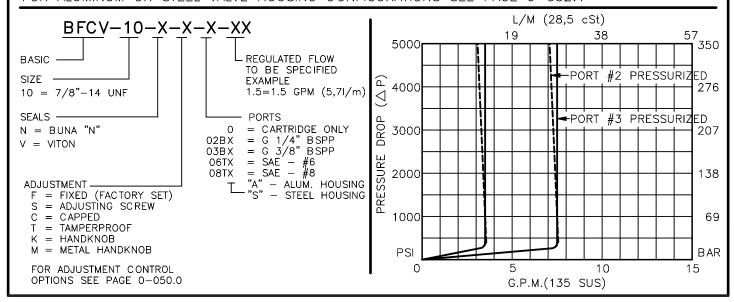


FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-032.1





FLOW CONTROL VALVE PRESSURE COMPENSATED, FIXED ORIFICE, PRIORITY TYPE.

DESCRIPTION - FIXED

This unit is a SCREW IN, cartridge type, pressure compensated, fixed orifice, priority type hydraulic flow control valve. FLOW RANGE: 0.2 TO 8.0 GPM [0,8 TO 30,0 L

DESCRIPTION - ADJUSTABLE

This unit is a SCREW IN, cartridge type, pressure compensated, fixed orifice, 30% flow adjustment, priority type hydraulic flow control valve. FLOW RANGE: 0.2 TO 12.0 GPM [0,8 TO 45,0 L Flow adjustment under pressure is difficult.

OPERATIONS

Valve maintains constant flow from port 1 to 3 regardless of system pressure or load and excess flow is diverted to port 2. Flow from port 3 goes thru the control orifice to port 1 at non-compensated flow.

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.

SPEC IFIC ATIONS

OPERATING PRESSURE: 5,000 PSI (350 Bar) PROOF PRESSURE: 10,000 PSI (700 Bar)

FLOW: 0.2 to 12.0 GPM [0,8 to 45,0 I/m] nominal. See performance chart. FLOW ACCURACY:

O.2 to 1.5 GPM [0,9 to 6,0 L??- 10.0% 1.5 to 4.0 GPM [6,0 to 15,0 L??-4.0 to 12.0 GPM [15,0 to 45,0 L??-5.0%

VALVE HOUSINGS: 2500 PŠI [175 Bar] = Aluminum - Anodized. 5000 PSI [350 Bar] = Steel - Unplated.

OPERATING TEMPERATURE: -40° to $+250^{\circ}$ F. $[-40^{\circ}$ to $+120^{\circ}$ C.] OPERATING MEDIA: All general purpose hydraulic fluids such as MIL-H-5606, SAE-#10, SAE-#20, etc.

INSTALLATION: No restrictions. SEAL KIT: SKN-1032 Buna "N". SKV-1032 Viton.

WEIGHT: .42 lb [.19 kg] cartridge only. VALVE CAVITY: #C1030, See Page 0-032.0.

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Data is provided for the purpose of product description only, and must not be construed as warranted characteristics in the legal sense. The information does not relieve users from the duty of conducting their own evaluations and tests. Because the products are subject to continual improvement, we reserve the right to amend the product specifications contained in this catalogue.

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