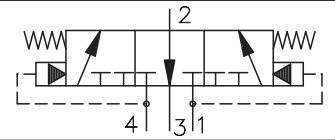
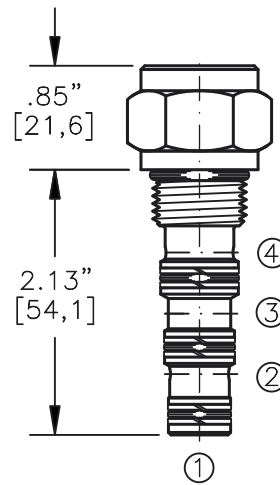
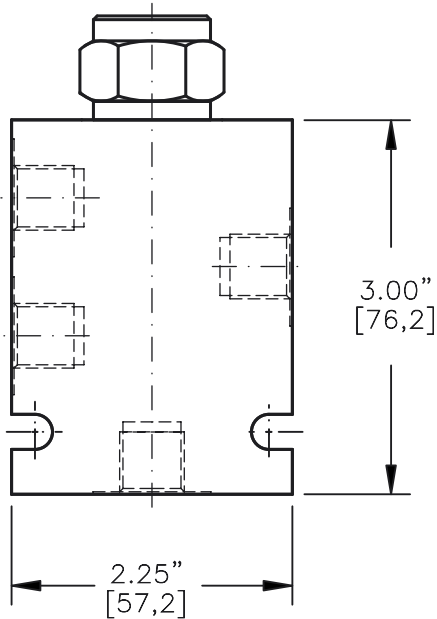
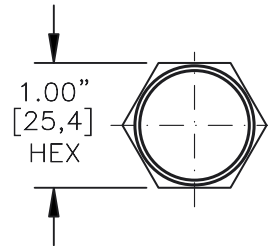


SHUTTLE VALVE, BRAKE RELEASE
SPOOL TYPE, SPRING CENTERED.

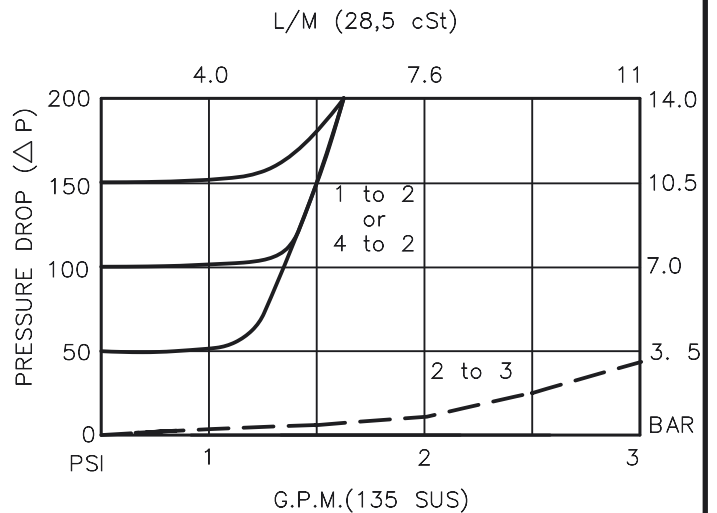
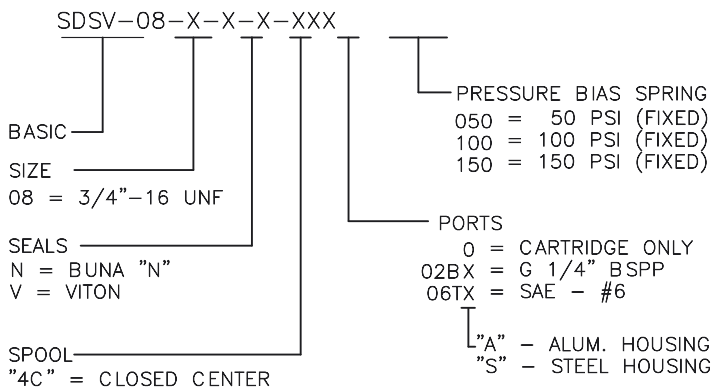


TORQUE:

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 0-041.1



SHUTTLE VALVE, BRAKE RELEASE. THREE-POSITION, FOUR-WAY, SPRING CENTERED.

DESCRIPTION

This unit is a screw in, cartridge type, four ported spool type, three position, spring centered, hydraulic brake release shuttle valve.

OPERATIONS

This valve senses the higher of the two input pressures port #1 or #4 and routes it to port #2, when pressure on port #1 or #4 is equal the valve will center and route port # 2 to port # 3 (TANK).

FEATURES AND BENEFITS

A hardened steel spool and a hardened steel bore assures rugged and reliable performance.
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: 5.0 GPM [20 l/m] nominal. See performance chart.

INTERNAL LEAKAGE: 5 cu.in./min maximum at 5,000 PSI.

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 restriction.

FILTRATION: 25 microns or better.

SEAL KIT NUMBER: SKN-0842 for buna "N".

SKV-0842 for viton.

WEIGHT: 0.24 lb [.11 kg] cartridge only.

VALVE CAVITY: #C0840, See Page 0-041.0.

info.el@bucherhydraulics.com

www.bucherhydraulics.com/commoncavity

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