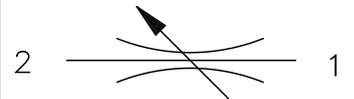
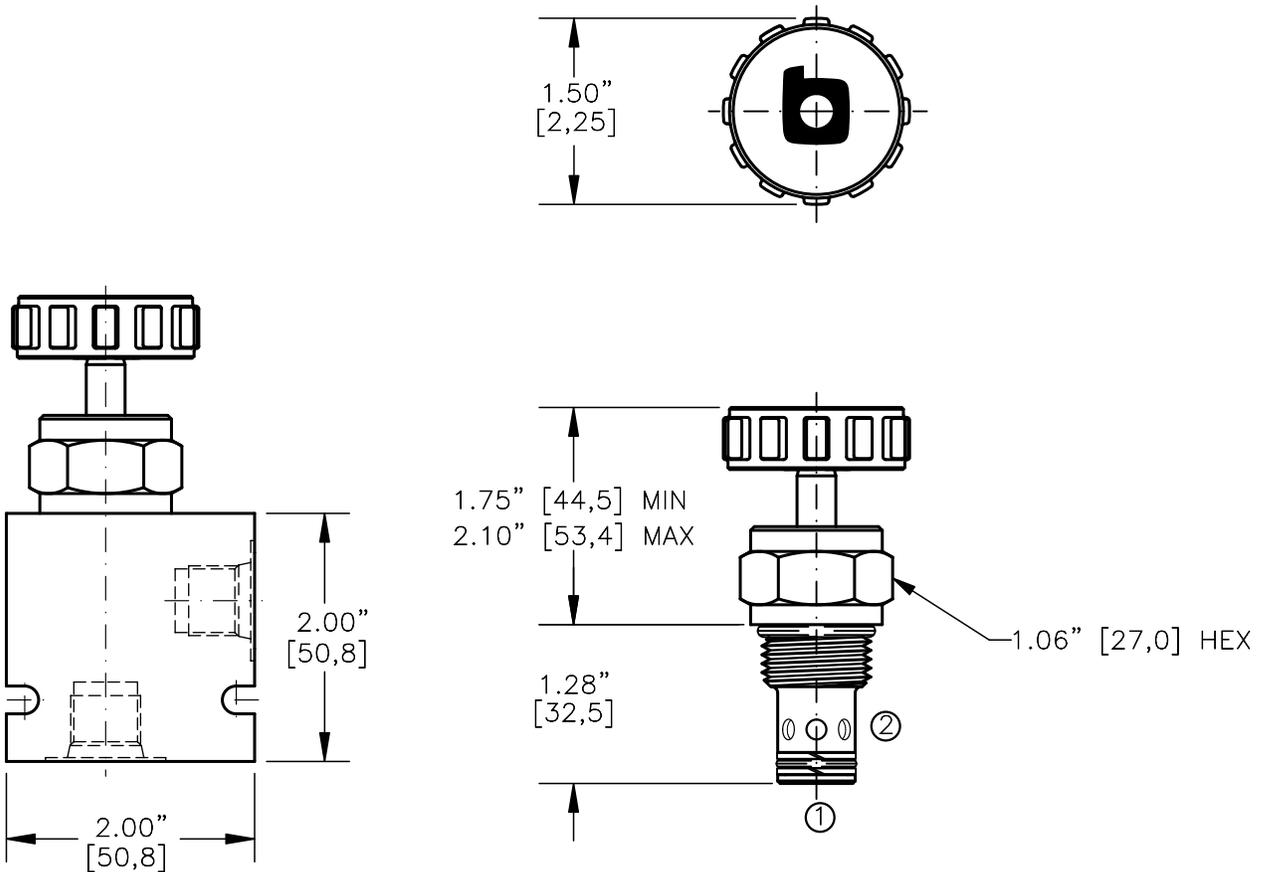


NEEDLE VALVE BI-DIRECTIONAL,
POSITIVE SHUT-OFF, FINE ADJUSTMENT

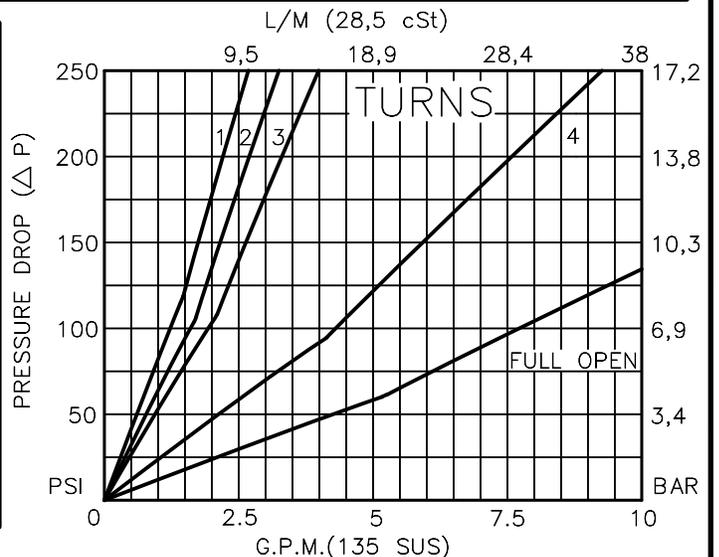
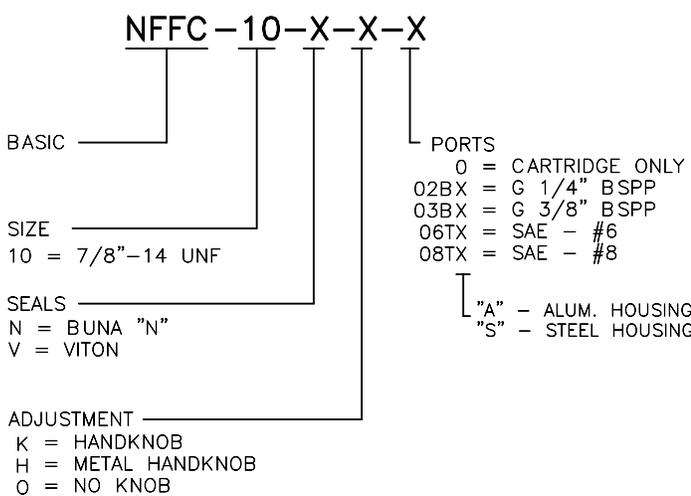


TORQUE:

Steel = 55/60 Ft-Lb. [74/81 Nm]
Aluminum = 35/40 Ft-Lb. [47/54 Nm]



FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-012.1



NEEDLE VALVE BI-DIRECTIONAL POSITIVE SHUT-OFF, FINE ADJUSTMENT

DESCRIPTION

This unit is a SCREW IN, cartridge type, non-compensated, adjustable, bi-directional fine adjustment needle flow control valve.

OPERATIONS

This valve increases its orifice value from fully closed to fully open in 4 1/2 turns with counterclockwise rotation.

Positive shut-off.

FEATURES AND BENEFITS

Fine and low effort leakproof adjustment.

Effective adjustment is precisely controlled to 4 1/2 turns.

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: 8.0 GPM [30 l/m] nominal. See performance chart.

INTERNAL LEAKAGE: ZERO drops per minute maximum @ 5,000 PSI (350 Bar)

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-1022 Buna "N".

SKV-1022 Viton.

WEIGHT: .31 lb [.14 kg] cartridge only.

VALVE CAVITY: #C1020, See Page 0-012.0.

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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.