CHECK VALVE REVERSE GUIDED POPPET

FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-014.1

TORQUE:
Steel = 95/100 Ft-Lb. [129/136 Nm]
Aluminum = 70/75 Ft-Lb. [95/102 Nm]

CRACK PRESSURE

005 = 5 PSI
015 = 15 PSI
030 = 30 PSI
060 = 60 PSI
120 = 120 PSI

SEALS
N = BUNA “N”
V = VITON

PORTS
0 = CARTRIDGE ONLY
04BX = G 1/2” BSPP
06BX = G 3/4” BSPP
10TX = SAE – #10
12TX = SAE – #12

L = “A” – ALUM. HOUSING
S = STEEL HOUSING

Reference: 520-P-010240-EN-00/09.2015
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DESCRIPTION

This unit is a SCREW IN, cartridge type, guided poppet, hydraulic check valve, used as a blocking or load holding device for high pressure applications.

OPERATIONS

This valve allows free flow from port 2 to port 1 and blocks flow from port 1 to port 2 or holding a load.

FEATURES AND BENEFITS

Wide selection of bias springs allows flexibility for back-pressure application.
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: 50.0 GPM [190 l/m] nominal. See performance chart.
INTERNAL LEAKAGE: 5 drops per minute maximum @ 5,000 PSI [350 Bar]
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−1621 Buna "N"
SKV−1621 Viton
WEIGHT: 0.82 lb [0.37 kg] cartridge only.
VALVE CAVITY: "C"1620, See Page 0−014.0.