CVFP-10

CHECK VALVE FORWARD GUIDED POPPET

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

CVFP-10-X-X-XXX

BASIC

SIZE
10 = 7/8"-14 UNF

SEALS
N = BUNA "N"
V = VITON

PORTS
0 = CARTRIDGE ONLY
02BX = G 1/4" BSPP
03BX = G 3/8" BSPP
06TX = SAE - #6
08TX = SAE - #8

L"A" = ALUM. HOUSING
"S" = STEEL HOUSING

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

PRESSURE DROP (ΔP)

G.P.M.(135 SUS)

L/M (28,5 cSt)

PSI

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

OPERATIONS
This valve allows free flow from port 1 to port 2 and blocks flow from port 2 to port 1 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: 18.0 GPM [68 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-1021 Buna "N"
SKV-1021 Viton
WEIGHT: .25 lb [.12 kg] cartridge only.
VALVE CAVITY: #C1020, See Page 0–012.0.