CVFP-12

CHECK VALVE FORWARD GUIDED POPPET

FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-013.1

TORQUE:
Steel = 70/75 Ft-Lb. [95/102 Nm]
Aluminum = 55/60 Ft-Lb. [74/81 Nm]

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CVFP-12-X-X-XXX

BASIC
SIZE
12 = 1.062"-12 UNF
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

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

Reference: S20-P-010130-EN-00/09.2015
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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.

SPECIFICATIONS

OPERATING PRESSURE: 5,000 PSI [350 Bar]
PROOF PRESSURE: 10,000 PSI [700 Bar]
FLOW: 36.0 GPM [136 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-1231 Buna “N”
SKV-1231 Viton
WEIGHT: 0.50 lb [0.22 kg] cartridge only.
VALVE CAVITY: #C1220, See Page 0-013.0.

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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.

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