CVFB-04

CHECK VALVE FORWARD GUIDED BALL

TORQUE to 10/12 Ft.-Lb. [14/16 N-m].

CVFB-04-X-0-XXX

BASIC

SIZE

04 = 7/16"-20 UNF

SEALS

N = BUNA "N"

V = VITON

PORTS

0 = CARTRIDGE ONLY (NO HOUSING OFFERED)

CRACK PRESSURE

005 = 5 PSI

020 = 20 PSI

Reference: 520-P-010300-EN-00/09.2015
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DESCRIPTION

This unit is a SCREW IN, cartridge type, guided ball, 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

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: 2.5 GPM [9.5 l/m] nominal. See performance chart.
INTERNAL LEAKAGE: 5 drops per minute maximum @ 5,000 PSI [350 Bar]
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-0421 Buna "N"
SKV-0421 Viton
WEIGHT: .08 lb [.04 kg] cartridge only.
VALVE CAVITY: #C0420.