CVFB-08

CHECK VALVE FORWARD GUIDED BALL

TORQUE:
Steel = 35/40 Ft-Lb. [47/54 Nm]
Aluminum = 25/30 Ft-Lb. [34/41 Nm]

CVFB-08-X-X-XXX

BASIC
SIZE
08 = 3/4"-16 UNF
SEALS
N = BUNA "N"
V = VITON
PORTS
O = CARTRIDGE ONLY
02BX = G 1/4" BSPP
06TX = SAE - #6
"A" - ALUM. HOUSING
"S" - STEEL HOUSING

PRESSURE DROP (ΔP)

L/M (28,5 cSt)

FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-011.1

Reference: 520-P-010310-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. Industry common cavity.

SPECIFICATIONS

OPERATING PRESSURE: 5,000 PSI [350 Bar]
PROOF PRESSURE: 10,000 PSI [700 Bar]
FLOW: 10.0 GPM [38 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-0821 Buna "N"
SKV-0821 Viton
WEIGHT: .20 lb [.12 kg] cartridge only.
VALVE CAVITY: #C0820, See Page 0-011.0.