CHECK VALVE FORWARD GUIDED BALL

TORQUE:
Steel = 55/60 Ft–Lb. [74/81 Nm]
Aluminum = 35/40 Ft–Lb. [47/54 Nm]

CRACK PRESSURE

<table>
<thead>
<tr>
<th>Size</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>005</td>
<td>5 PSI</td>
</tr>
<tr>
<td>015</td>
<td>15 PSI</td>
</tr>
<tr>
<td>030</td>
<td>30 PSI</td>
</tr>
<tr>
<td>060</td>
<td>60 PSI</td>
</tr>
<tr>
<td>120</td>
<td>120 PSI</td>
</tr>
</tbody>
</table>

SEALS
N = BUNA "N"
V = VITON

PORTS
D = CARTRIDGE ONLY
02BX = G 1/2" BSPP
03BX = G 3/4" BSPP
06TX = SAE – #10
08TX = SAE – #12

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

FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0–012.1

Reference: 520-P-010320-EN-00/09.2015
CHECK VALVE FORWARD GUIDED BALL

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 for holding a load.

FEATURES AND BENEFITS

Wide selection of bias springs allows flexibility for back-pressure application.
All external parts are zinc 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.