SHUTTLE VALVE TWO-POSITION, THREE-WAY, BALL TYPE.

BDSV-04

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

PRESSURE DROP (P)

G.P.M. (135 SUS)

L/M (28.5 cSt)

PORTS
00 = CARTRIDGE ONLY

BASIC

SIZE
04 = 7/16"-20 UNF

SEALS
N = BUNA "N"
V = VITON

STYLE
3 = 3 WAY

Reference: 520-P-040200-EN-00/09.2015
SHUTTLE VALVE TWO-POSITION, THREE-WAY, BALL TYPE.

DESCRIPTION
This unit is a SCREW IN, CARTRIDGE TYPE, THREE PORTED, TWO POSITION, HYDRAULIC SHUTTLE VALVE.

OPERATIONS
This valve senses the higher of the two input pressures port #1 or #3 and routes it to the output port #2.

FEATURES AND BENEFITS
A steel ball and a sharp steel seat assures rugged and reliable performance.
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: 1.5 GPM [6 l/m] nominal. See performance chart.
INTERNAL LEAKAGE: 5 drops/min maximum at 5,000 PSI.
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 restriction.
FILTRATION: 25 microns or better.
SEAL KIT NUMBER: SKN–0431 FOR BUNA "N".
SKV–0431 FOR VITON "V".
WEIGHT: 0.03 lb [.014kg] cartridge only.
VALVE CAVITY: #C0430, See Page 0–030.0.

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