



Spring-offset, high-side shuttle cartridges are 2-position valves that have a normal (offset) position that connects the common port (port 3) to work port 4, with work port 2 blocked. When the pressure at port 2 rises above the pressure at port 4, the cartridge shifts to connect the common port to port 2 with port 4 then blocked.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| | |
|---|----------------------------------|
| Maximum Operating Pressure | 5000 psi |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 1 in ³ /min.@1000 psi |
| Seal kit - Cartridge | Buna: 990-031-007 |
| Seal kit - Cartridge | Polyurethane: 990-031-002 |
| Seal kit - Cartridge | Viton: 990-031-006 |

CONFIGURATION OPTIONS

Model Code Example: **DSCOXN**

CONTROL

(X)

SEAL MATERIAL

(N)

MATERIAL/COATING

X Not Adjustable

N Buna-N

Standard Material/Coating

V Viton

IAP Stainless Steel, Passivated

ILH Mild Steel, Zinc-Nickel