



This is a normally open, balanced poppet, switching element. When pilot pressure is applied to port 3, the poppet remains open until the pilot pressure reaches the setting established by the integral pilot relief stage, at which point the poppet shifts to the closed position.

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

Maximum Operating Pressure	5000 psi
Minimum Pilot Pressure Required to Shift Valve	300 psi
Control Pilot Flow	See Performance Data
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min. @5000 psi
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-022-007
Seal kit - Cartridge	Polyurethane: 990-022-002
Seal kit - Cartridge	Viton: 990-022-006

CONFIGURATION OPTIONS

Model Code Example: DOFPLAN

CONTROL

(L) ADJUSTMENT RANGE

(A) SEAL MATERIAL

(N)

L Standard Screw Adjustment

A 200 - 3000 psi (14 - 210 bar), 1000 psi (70 bar)
Standard Setting

N Buna-N

B 200 - 1500 psi (14 - 105 bar), 1000 psi (70 bar)
Standard Setting

V Viton

W 200 - 4500 psi (14 - 315 bar), 1000 psi (70 bar)
Standard Setting