

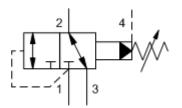
MODEL DPBO

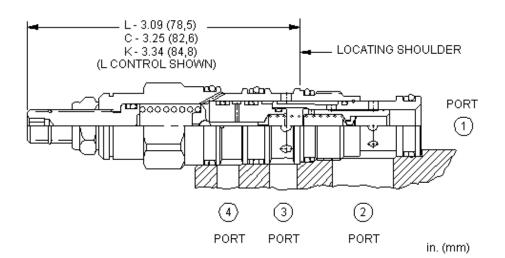
3-way, pilot-operated, directional valve with drain to port 4 (1 blocked, 2 to 3 open)

CAPACITY: 7 gpm / CAVITY: T-21A



sunhydraulics.com/model/DPBO





Pilot-operated, 3-way directional cartridges (1 blocked, 2-to-3 open) are switching devices typically used in moderate-flow circuits. They can be used by themselves or to actuate larger pilot-operated directional cartridges or logic cartridges. The valve shifts when the pressure differential between port 1 and port 4 exceeds the setting.

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

Maximum Operating Pressure	5000 psi
Control Pilot Flow	7 - 10 in³/min.
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	1 in³/min.@1000 psi
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-021-007
Seal kit - Cartridge	Polyurethane: 990-021-002
Seal kit - Cartridge	Viton: 990-021-006

CONFIGURATION OPTIONS

CONTROL (L)

Standard Screw Adjustment

Tamper Resistant - Factory Set

Model Code Example: DPBOLANV

ADJUSTMENT RANGE (A) SEAL MATERIAL

A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting

B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting

D 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting

E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting

W 150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting EAL MATERIAL (N) MATERIAL/COATING

 N
 Buna-N
 Standard Material/Coating

 V
 Viton
 IAP
 Stainless Steel, Passivated

©2024 Sun Hydraulics 1 of 1