

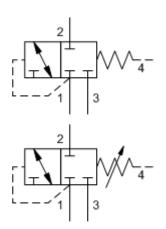
MODEL DRBN

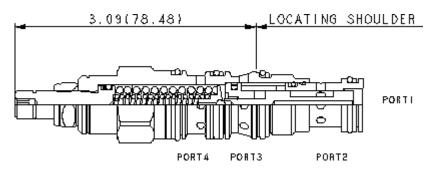
3-way, direct-acting, directional valve with drain to port 4 - normally closed

CAPACITY: 7 gpm / CAVITY: T-21A



sunhydraulics.com/model/DRBN





Normally closed, direct-acting, 3-way directional cartridges 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
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in³/min.
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

NOTES: • For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

CONTROL

Model Code Example: DRBNLAN

ADJUSTMENT RANGE

SEAL MATERIAL

(A)

MATERIAL/COATING

(N)

L Standard Screw Adjustment

(L)

A 500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting

B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting

25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting

W 750 - 4500 psi (50 - 315 bar), 1000 psi (70 bar) Standard Setting

N Buna-NV Viton

Standard Material/Coating

IAP Stainless Steel, Passivated

ILH Mild Steel, Zinc-Nickel

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