

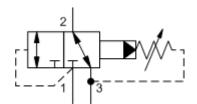


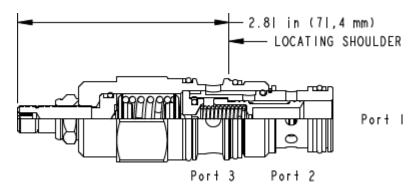
3-way, pilot-operated, directional valve with internal drain to port 3 (1 blocked, 2 to 3 open)

CAPACITY: 15 gpm / CAVITY: T-2A



sunhydraulics.com/model/DPCC





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 3 exceeds the setting.

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

Maximum Operating Pressure	5000 psi
Control Pilot Flow	10 - 15 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: 990-202-007
Seal kit - Cartridge	Polyurethane: 990-002-002
Seal kit - Cartridge	Viton: 990-202-006

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

Standard Screw Adjustment

Handknob

Model Code Example: DPCCLAN

ADJUSTMENT RANGE

(L)

(A)

SEAL MATERIAL

Buna-N

Viton

MATERIAL/COATING (N)

> Standard Material/Coating /AP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel

A	100 - 3000 psi (7 - 210 bar), 1	.000
	psi (70 bar) Standard Setting	

- 50 1500 psi (3,5 105 bar), 1000 psi (70 bar) Standard Setting
- 25 800 psi (1,7 55 bar), 400 psi (28 bar) Standard Setting
- 25 400 psi (1,7 28 bar), 200 psi (14 bar) Standard Setting
- 35 3000 psi (2,4 210 bar), 1000 psi (70 bar) Standard Setting
- psi (70 bar) Standard Setting

100 - 4500 psi (7 - 315 bar), 1000

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