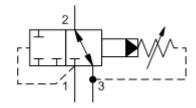
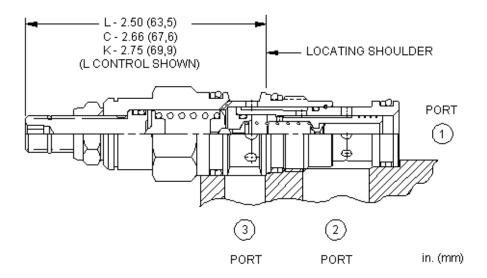


2-way, pilot-operated, directional valve with internal drain to port 3 - normally open CAPACITY: 7 gpm / CAVITY: T-11A



sunhydraulics.com/model/DPBA





Normally open, pilot-operated, 2-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 3 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 in <sup>3</sup> /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: 990-011-007			
eal kit - Cartridge Polyurethane: 990-011-0				
Seal kit - Cartridge	Viton: 990-011-006			

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	(L)	Model Code Example: DPBALANV ADJUSTMENT RANGE (A)	SEA	L MATERIAL	(N)	MATE	RIAL/COATING
<ul><li>L Standard Screw Adjustment</li><li>C Tamper Resistant - Factory Set</li></ul>		<ul> <li>A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting</li> <li>B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting</li> <li>C 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting</li> </ul>	N V	Buna-N Viton		/AP /LH	Standard Material/Coating Stainless Steel, Passivated Mild Steel, Zinc-Nickel
		<ul> <li>D 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting</li> <li>E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting</li> <li>W 150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting</li> </ul>					