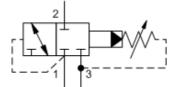
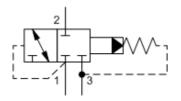
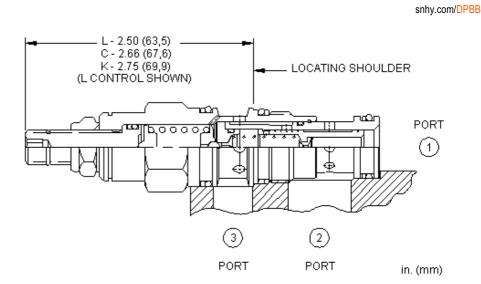
# sun hydraulics d

Model DPBB 2-way, pilot-operated, directional valve with internal drain to port 3 - normally closed SERIES 1 / CAPACITY: 28 L/min. / CAVITY: T-11A

# 







Normally closed, 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.

Factory Pressure Settings Established at	15 L/min.		
Maximum Operating Pressure	350 bar		
Control Pilot Flow	0,11 - 0,16 L/min.		
Maximum Valve Leakage at 110 SUS (24 cSt)	15 cc/min.@70 bar		
Adjustment - No. of CW Turns from Min. to Max. setting	5		
Locknut Hex Size	15 mm		
Locknut Torque	9 - 10 Nm		
Seal kit - Cartridge	Buna: 990011007		
Seal kit - Cartridge	Polyurethane: 990011002		
Seal kit - Cartridge	Viton: 990011006		

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**

## Model Code Example: DPBBLAN

CONTROL	(L) AD	JUSTMENT RANGE	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING
<ul> <li>L Standard Screw Adjustment</li> <li>C Tamper Resistant - Factory Set</li> <li>K Handknob</li> </ul>	B D E	<ul> <li>100 - 3000 psi (7 - 210 bar), 1000 (70 bar) Standard Setting</li> <li>50 - 1500 psi (3,5 - 105 bar), 1000 (70 bar) Standard Setting</li> <li>25 - 800 psi (1,7 - 55 bar), 400 ps bar) Standard Setting</li> <li>25 - 400 psi (1,7 - 28 bar), 200 ps bar) Standard Setting</li> <li>150 - 4500 psi (10,5 - 315 bar), 10 psi (70 bar) Standard Setting</li> </ul>	0 psi si (28 si (14	N Buna-N V Viton		Standard Material/Coating /AP Stainless Steel, Passivated