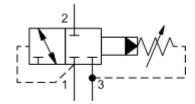
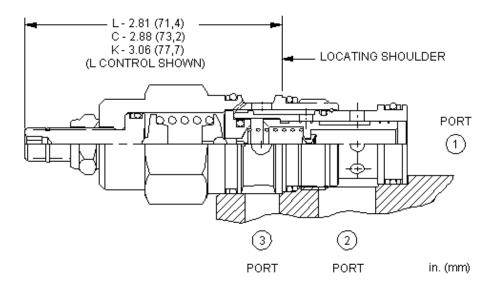


sunhydraulics.com/es/model/DPCB





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

cavidad	T-2A
Series	2
Capacity	60 L/min.
Maximum Operating Pressure	350 bar
Control Pilot Flow	0,16 - 0,25 L/min.
Factory Pressure Settings Established at	15 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
Valve Hex Size	28,6 mm
Valve Installation Torque	61 - 68 Nm
Adjustment Screw Internal Hex Size	4 mm
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Model Weight	0.27 kg.
Seal kit - Cartridge	Buna: 990-202-007
Seal kit - Cartridge	Polyurethane: 990-002-002
Seal kit - Cartridge	Viton: 990-202-006
Model Weight	0.27 kg.

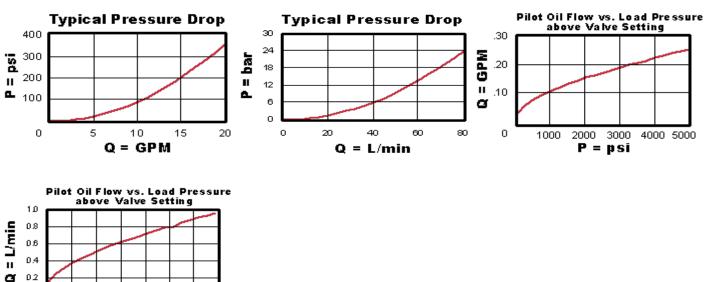
NOTES: • For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

OPTION SELECTION EXAMPLE: DPCBLAN

CONTROL (L)		ADJUSTMENT RANGE (A)		SEAL MATERIAL (N)		MATERIAL/COATING		
L Standard Screw AdjustmentC Tamper Resistant - Factory Set		 A 100 - 3000 psi (7 - 210 psi (70 bar) Standard B 50 - 1500 psi (3,5 - 10 psi (70 bar) Standard 	Setting 5 bar), 1000	N V	Buna-N Viton		/AP	Standard Material/Coating Stainless Steel, Passivated
		C 150 - 6000 psi (10,5 - 1000 psi (70 bar) Star	420 bar),					
		D 25 - 800 psi (1,7 - 55 k (28 bar) Standard Set	,					
		E 25 - 400 psi (1,7 - 28 l (14 bar) Standard Set	<i>/</i> ·· ·					
		W 150 - 4500 psi (10,5 - 1000 psi (70 bar) Star						

TECHNICAL FEATURES

- Pressure at port 3 is directly additive to the setting of the valve. Because of this, port 3 may not be useable as a work port in your circuit. If this is a consideration, the 4 port version of this valve may be a solution.
- Direct-acting and pilot-operated versions of these valves are interchangeable. They fit the same cavities and have the same flow paths.
- This valve is not bistable; it is capable of modulating between the two positions shown.
- Maximum pressure at port 3 should be limited to 3000 psi (210 bar). This is due to fatigue strength limits not hydraulic operating limits.
- When pilot pressure exceeds the valve setting, pilot flow may be a consideration. See performance curves for pilot consumption vs. load pressure above the valve setting. If this is a problem, the direct acting version of this valve would be a solution.
- Incorporates the Sun floating-style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.



PERFORMANCE CURVES

0 50 100 150

200 250

P = bar

300 350