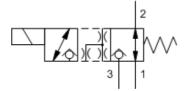
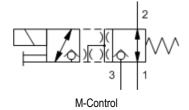
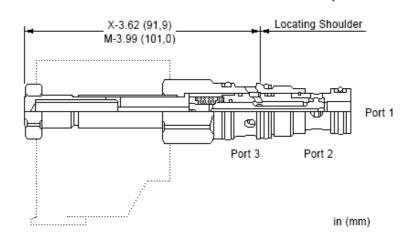


sunhydraulics.com/model/DWDB



X-Control





This solenoid-operated 3-way, 2-position cartridge is a direct-acting, poppet-style directional valve. The valve is normally open between port 1 and port 2 with port 3 blocked. Energizing the valve connects port 2 to 3 and blocks port 1. All flow paths are bidirectional and blocked paths are blocked in both directions. Due to the poppet style construction, this valve has extremely low leakage.

## **TECHNICAL DATA**

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

Maximum Operating Pressure	250 bar			
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@210 bar			
Manual Override Force Requirement	66 N/100 bar @ Port 1			
Manual Override Stroke	2,5 mm			
Response Time - Typical	50 ms			
Switching Frequency	15,000 max. cycles/hr			
Seal kit - Cartridge	Buna: 990811007			
Seal kit - Cartridge	Viton: 990811006			

• Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.

• An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

## Model Code Example: DWDBXAN

CONTROL	(X)	POPPET CONFIGURATION	(A)	SEAL MATERIAL	(N)	COIL *
X No Manual Override		A Normally Open 1 to 2, Closed 2 to	3	N Buna-N		No coil
M Manual Override				E EPDM		* Additional coil options are available
				V Viton		·····

**CONFIGURATION OPTIONS**