



This solenoid-operated 4-way, 2-position cartridge is a direct-acting, balanced spool directional valve.

**TECHNICAL DATA**

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

Maximum Operating Pressure	250 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	160 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: 990431007
Seal kit - Cartridge	Viton: 990431006

**NOTES**

- 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.

**CONFIGURATION OPTIONS**
**Model Code Example: DNDBXNN**

CONTROL	(X)	SPOOL CONFIGURATION	(N)	SEAL MATERIAL	(N)	COIL *
<b>X</b> No Manual Override	<b>N</b> Through, Shift to Cross	<b>N</b> Buna-N	<b>No coil</b>			
<b>M</b> Manual Override (Standard)	<b>C</b> Closed, Shift to Through	<b>V</b> Viton				* Additional coil options are available
	<b>T</b> Tandem, Shift to Through					
	<b>Y</b> Motor, Shift to Cross					